

Drywall specs book

Siniat systems and solutions catalogue

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AQUABOARD EXTERIOR CEILINGS



AQUABOARD EXTERIOR LININGS



AquaBoard Infill Walls



Part I Direct render



Part II Exterior insulation finishing system (EIFS)





| | | | | A P | quaBoard Infill Wall art I - Direct render | | | | | | | |
|-----------------------------------|-----------------------------------|---------------------|---------------------|---|---|-----------------------|-------------------|------------|-------------------------------------|---------------------------|-------------|-------------|
| Type of board in the cavity | No. of boards in the cavity | Studs Outer side | Studs Inner side | Insulation Outer side density [kg/m³] / thickness [mm] | Insulation Inner side density [kg/m³] / thickness [mm] | Maximum height [m] | Thickness [mm] | Rw [dB] | Thermal transmittance [W/m²K] | Thermal phase shifting | Fire rating | Page number |
| LaDura | 1 | M100 AQB | M75 | Rock wool 110/80 | Rock wool 70/60 | 4 | 240 | 64 | 0,204 | 6h 15' | - | 356 |
| LaDura | 2 | M100 AQB | M75 | Rock wool 110/80 | Rock wool 70/60 | 4 | 250 | 66 | 0,203 | 7h 15' | - | 357 |
| LaDura | 1 | M100 AQB | M100 | Rock wool 110/80 | Rock wool 70/80 | 4 | 265 | 65 | 0,179 | 7h 08' | - | 358 |
| LaDura | 2 | M100 AQB | M100 | Rock wool 110/80 | Rock wool 70/80 | 4 | 275 | 67 | 0,178 | 8h 04' | - | 359 |
| LaDura | 1 | M150 AQB | M75 | Rock wool 110/120 | Rock wool 70/60 | 5 | 290 | 65 | 0,168 | 8h 27' | - | 360 |
| LaDura | 2 | M150 AQB | M75 | Rock wool 110/120 | Rock wool 70/60 | 5 | 300 | 67 | 0,167 | 9h 10' | - | 361 |
| LaDura | 1 | M150 AQB | M100 | Rock wool 110/120 | Rock wool 70/80 | 5 | 315 | 66 | 0,140 | 8h 40' | - | 362 |
| LaDura | 2 | M150 AQB | M100 | Rock wool 110/120 | Rock wool 70/80 | 5 | 325 | 68 | 0,139 | 9h 30' | - | 363 |
| LaDura | 1 | M100 AQB | M75 | Rock wool 110/80 | Rock wool 70/60 | 4 | 250 | 66 | 0,203 | 7h 15' | EI 120 | 364 |
| LaDura | 1 | M100 AQB | M100 | Rock wool 110/80 | Rock wool 70/80 | 4 | 275 | 67 | 0,178 | 8h 04' | EI 120 | 365 |
| LaDura | 1 | M150 AQB | M75 | Rock wool 110/120 | Rock wool 70/60 | 4 | 300 | 67 | 0,165 | 9h 10' | EI 120 | 366 |
| LaDura | 1 | M150 AQB | M100 | Rock wool 110/120 | Rock wool 70/80 | 4 | 325 | 68 | 0,139 | 9h 30' | EI 120 | 367 |
| Solidtex | 1 | M100 AQB | M75 | Rock wool 110/80 | Rock wool 70/60 | 4 | 240 | 68 | 0,200 | 7h 17' | - | 369 |
| Solidtex | 2 | M100 AQB | M75 | Rock wool 110/80 | Rock wool 70/60 | 4 | 250 | 70 | 0,200 | 8h 14' | - | 370 |
| Solidtex | 1 | M100 AQB | M100 | Rock wool 110/80 | Rock wool 70/80 | 4 | 265 | 68 | 0,180 | 7h 51' | - | 371 |
| Solidtex | 2 | M100 AQB | M100 | Rock wool 110/80 | Rock wool 70/80 | 4 | 275 | 70 | 0,180 | 8h 43' | - | 372 |
| Solidtex | 1 | M150 AQB | M75 | Rock wool 110/120 | Rock wool 70/60 | 5 | 290 | 69 | 0,150 | 9h 29' | - | 373 |
| Solidtex | 2 | M150 AQB | M75 | Rock wool 110/120 | Rock wool 70/60 | 5 | 300 | 71 | 0,150 | 10h 19' | - | 374 |
| Solidtex | 1 | M150 AQB | M100 | Rock wool 110/120 | Rock wool 70/80 | 5 | 315 | 69 | 0,140 | 10h 2' | - | 375 |
| Solidtex | 2 | M150 AQB | M100 | Rock wool 110/120 | Rock wool 70/80 | 5 | 325 | 71 | 0,140 | 10h 48' | _ | 376 |

| AquaBoard Infill Wall | |
|---|------|
| Part II - Exterior insulation finishing system (E | IFS) |

| No. boards on outer side | Studs | Insulation in the cavity density [kg/m³] / thickness [mm] | Exterior insulation / thickness [mm] | Maximum height [m] | Thickness [mm] | Rw [dB] | I nermal transmittan ce tw//m²k1 | Thermal phase shifting | Fire rating | Page number |
|-----------------------------|----------|--|---|-----------------------|-------------------|------------|---|------------------------------|-------------|----------------|
| 1 | M150 AQB | Rock wool 150/120 | EPS / 50 | 5 | 247,5 | 57 | 0,186 | 8h 8' | - | 368 |

| | | Drywal AquaBo | I Spec: oard inf | s book | | | | | | | * SI |
|---|---|--|--|---|--|---|---|--|---|---|---|
| | AQB- | 1 240/M100 + M75 - 1 PV BA13 + 2 | 2 LaDura | a BA13 + : | AQB BA13 - RW/80 | + RW/60 | | | | | |
| Wall thickness Max wall height Airborne sound insulation Rw Thermal transmittance U Thermal resistance R Periodic thermal transmittance Yie Thermal phase shifting Fire rating | 240 mm 4,00 m 64 dB 0,204 W/m ² K 4,90 m ² K/W 0,115 W/m ² K 6h 15' | | * | - 5 12.5 | | | | | Ai + Pr 10 Pr Rd 11 | desivo&Rasan reinforcing m egyAquaBoar 00 mm Aluzino egyMetalAqu ock mineral wo .0 kg/m ³ - 80 i | ite base coat esh + finish co d BA13 : C stud iaBoard ool mm |
| Board layer Board type Reaction to fire Board thickness | Single PregyAquaBoard BA13 A2-s1,d0 12,5mm | | 240 | 12.5 | | | | | La 7! Ro | Dura Plus BA3 5 mm C stud ock mineral w | 13 ool |
| Board layer Board type Reaction to fire Board thickness | Single LaDura Plus BA13 A2-s1,d0 12,5mm | | * | 12.5 | | | | | |) kg/m³ - 60 m egyVapor BA1 Dura Plus BA1 | im 13 13 |
| Board layer Board type Reaction to fire Board thickness | Inner PregyVapor BA13 A2-s1,d0 12,5 mm | Outer LaDura Plus BA13 A2-s1,d0 12,5 mm | | | | | Outer frame studs | Spacing [cm] | Maximu | m height [m] | |
| Outer side | 100 mm AQB C studs 0,6 mn | n thick | | | Remarks: | | 47-99-50 | 40 30 | - 2,85 | 3,5 | - |
| Inner side | Simple 75 mm C studs at 60 | cm maximum spacing | | | All perform or substitut | ance data and system specifications ar ion of any other manufacturers materi | re for system constructed wit ial or component invalidates | n materials and both test data | l components as and system perf | shown. The inclusic ormance. | n |
| Outer side | Rock wool 110 kg/m ³ density | y, 80 mm thick | | | Maximum h daN/m² uni The informa it is believer | neights are for system considering an h form wind pressure. For different load ation is provided in good faith and is b d to be correct, we accept no liability fr | norizontal load of 1 kN/m imp Is please contact Siniat Italy T ased upon details received, w or its accurancy, adequacy or | osed at 1,20 n echnical Divisi hich are assur completeness | i height above th on. ned to include a . Recipients mus | e floor and 100 I relevant facts. Whi t satisfy themselves | ile as |
| Inner side | Rock wool 70 kg/m ³ density, | , 60 mm thick | | | to its suitab design resp documenta | ility as we do not accept responsibility onsibility rests entirely with the recipie tion service. | r for any claims or consequen ents who should then produc | tial loss. Accep e accepted det | tance of the cor ails on their own | tent and subsequen Company | ıt |
| Adesivo&Rasante AquaBoard base of coat according to Siniat instructions | coat with AquaBoard fiber glas: s. | s reinforcing mesh and Mapei finish | | | Airborne so bridges (pe | und insulation Rw is related to test con ripheral transmissions through floors, (| nditions. Actual acoustic perf ceilings, corners) and by impe | ormance in sit erfections in in | u (R'w) is influer stallation. | ced by acoustic | |
| Specification: AquaBoard infill wall 240 mm thick: 12,5 mm thick LaDura Plus BA13 as Outer metal frame composed by 10 Inner metal frame composed by Pre Partition maximum height: 4 m Airhorne Sound Insulation Bw: 64 di | : one 12,5 mm thick PregyAqua outer layer on the inner side. 20 mm PregyMetalAquaBoard L egyMetal 75 mm U tracks 0,6 m | Board BA13 on the outer side, one 12, U tracks 1 mm thick and 100 mm Pregy nm thick and Simple 75 mm C studs at | 5 mm th yMetalAo 60 cm m | nick LaDura quaBoard naximum s | None of the Plus BA13 in the cavit C studs 0,6 mm thick. C pacing. Cavity: Rock wo | y, screwed on the outer frame avity: Rock wool 110 kg/m ³ do ool 70 kg/m ³ density, 60 mm t | ut prior approval from Siniat e. One 12,5 mm thick F ensity, 80 mm thick. hick. | Italy Technical | Division BA13 as inne | er layer and one | 2 |
| | Wall thickness Max wall height Airborne sound insulation Rw Thermal transmittance U Thermal resistance R Periodic thermal transmittance Yie Thermal phase shifting Fire rating Board layer Board type Reaction to fire Board thickness Board layer Board thickness Board layer Board thickness Board thickness Board type Reaction to fire Board thickness Outer side Inner side Outer side Inner side Adesivo&Rasante AquaBoard base coat according to Siniat instruction Specification: AquaBoard infill wall 240 mm thick 12,5 mm thick LaDura Plus BA13 as Outer metal frame composed by 11 Inner metal frame composed by 11 Inn | Wall thickness 240 mm Max wall height 4,00 m Airborne sound insulation Rw 64 dB Thermal transmittance U 0,204 W/m²K Thermal resistance R 4,90 m²K/W Periodic thermal transmittance Yie 0,115 W/m²K Thermal phase shifting 6h 15' Fire rating - Board layer Single Board type PregyAquaBoard BA13 Reaction to fire A2-s1,d0 Board thickness 12,5 mm Board layer Single Board type LaDura Plus BA13 Reaction to fire A2-s1,d0 Board type LaDura Plus BA13 Reaction to fire A2-s1,d0 Board type PregyVapor BA13 Reaction to fire A2-s1,d0 Board type PregyVapor BA13 Reaction to fire A2-s1,d0 Board type PregyVapor BA13 Reaction to fire A2-s1,d0 Board thickness 12,5 mm Outer side 100 mm AQB C studs 0,6 mr Inner side Simple 75 mm C studs at 60 Outer side | Drywal AquaB AQ8-1 240/M100 + M75 - 1 PV BA13 + 7 Wall thickness 240 mm Max wall height 4,00 m Arborne sound insulation Rw 64 dB Thermal transmittance U 0,204 W/m²k Thermal transmittance VI 0,204 W/m²k Thermal phase shifting 6h 15' Fire rating - Board layer Single Board type PregyAquaBoard BA13 Reaction to fire A2-s1,d0 Board type Labura Plus BA13 Reaction to fire A2-s1,d0 Board type Labura Plus BA13 Reaction to fire A2-s1,d0 Board type Labura Plus BA13 Reaction to fire A2-s1,d0 Board type Labura Plus BA13 Reaction to fire A2-s1,d0 Board type Pregy/apor BA13 Labura Plus BA13 Reaction to fire Board type Pregy/apor BA13 Board thickness 12,5 mm Duter side 100 mm AQ8 C studs 0,6 mm thick Inner side Simple 75 mm C studs at 60 cm maximum spacing Duter side Rock wool 110 kg/m³ density, 60 mm thick Inner side Rock wool 70 kg/m³ density, 60 mm thick Adesivo&Rasante AquaBoard base coat with A | Wall thickness 240 mm Max wall height 4,00 m Arborne sound insulation Rw 64 dB Arborne sound insulation Rw 64 dB Thermal transmittance U 0,204 W/m²k Thermal transmittance U 0,204 W/m²k Thermal transmittance U 0,115 W/m²k Thermal phase shifting 6h 15' File rating - Board layer Single Board layer Single Board type PregyAquaBoard BA13 Reaction to fire A2-51,d0 Board layer Single Board lixeres 12,5 mm Outer side 100 mm AQB C studs 0,6 mm thick Inner side Simple 75 mm C studs at 60 cm maximum spacing Outer side Rock wool 110 kg/m² density, 80 mm thick Inner side Rock wool 70 kg/m² density, 60 mm thick Inner side Rock wool 70 kg/m² density, 60 mm thick Inner side Rock wool 70 kg/m² density, 60 mm thick | Board layer Single Board layer Noter PregyAguaBoard BA13 Reaction to fire A2-51,00 Board tayer PregyAguaBoard BA13 Reaction to fire A2-51,00 Board tayer Rock wool 100 kg/m² densty, 80 mm thick Inner side Simple 75 mm C studs at 60 cm maximum spacing | Wall blacks 240 mm Max wall height 4,00 m Market height 4,00 m Arbornes sound installation RW 64 B Phermal resistance R 4,00 m/K/W Periodic thermal transmittance V 0,204 W/m/k Phermal resistance R 4,00 m/K/W Periodic thermal transmittance V 0,115 W/m/k Board type Pregy/AqueBoard BA13 Reaction to fire 4,25.1,00 Board type Single Board type Labura Plus BA13 Board type Pregy/AqueBoard BA13 Reaction to fire 4,25.1,00 Board type Pregy/AqueBoard BA13 Reaction to fire 4,24.1,00 Board type Inner Board type Pregy/AqueBoard BA13 Reaction to fire 4,24.1,00 Board type Pregy/AqueBoard BA13 Reaction to fire 4,24.1,00 Board type Simple 75 mm C Studs at 60 cm maximum spacing Outer side 100 mm AQB C studs 0,6 mm thick Inner side Rock wool 70 kg/m² density, 60 mm thick Mesteree Rock wool 70 kg/m² density, 60 mm thick <td>Walk Thickness 240 mm Markabord Infill Wall Markabord Infill Wall</td> <td>Drywall Spees Dook Aquation fifti wall Wall thickness 240 mm Max wall height 4.00 m Arborn sound insistant www. 64.88 Thermal transmittence U 2.00 W/m/K Thermal transmittence U 4.00 m/m/K Prevent layer 5.00 W/m/K Thermal transmittence U 2.00 W/m/K Depart layer 5.00 W/m/K Board layer 5.00 W/m/K Board layer Single Board layer Single Jobar Plus Bol3 Board layer Inner Outer side 100 mm AQB C studs 0.6 mm thick Inner side Single Jobar Plus Board mutuces Date side 100 mm AQB C studs 0.6 mm thick Inner side Single Jobar Plus Board mutuces Date side 100 mm AQB C studs 0.6 mm thick Inner side Single Jobar Plus Board mutuces Dater side 100 mm AQB C studs 0.6 mm thick</td> <td>Unyable processor Again Spects Book Again Spects Book Again Spects Book Wall Hickness 240 mm Max will height 4.00 m Max will height 4.00 m Max will height 4.00 m Max will height 6.6 m Baard Syme Single Baard Syme Single Baard Syme Single Baard Syme Single Baard Syme Coulder Baard Syme Single Baard Syme Coulder Baard Syme Coulder Baard Syme Single Baard Syme Coulder Baard Syme Coulder Baard Syme Single Baard Syme Single mental state Single <</td> <td>Durality by the Book Auxiliary of the server is a server in the server in the server is a server in the serve</td> <td>Durywali byseck block Augunotori dimiti wali Additional transmission Additional transmission Mark wali bedrift Mark wali bedrift Mark wali bedrift Mark wali bedrift</td> | Walk Thickness 240 mm Markabord Infill Wall Markabord Infill Wall | Drywall Spees Dook Aquation fifti wall Wall thickness 240 mm Max wall height 4.00 m Arborn sound insistant www. 64.88 Thermal transmittence U 2.00 W/m/K Thermal transmittence U 4.00 m/m/K Prevent layer 5.00 W/m/K Thermal transmittence U 2.00 W/m/K Depart layer 5.00 W/m/K Board layer 5.00 W/m/K Board layer Single Board layer Single Jobar Plus Bol3 Board layer Inner Outer side 100 mm AQB C studs 0.6 mm thick Inner side Single Jobar Plus Board mutuces Date side 100 mm AQB C studs 0.6 mm thick Inner side Single Jobar Plus Board mutuces Date side 100 mm AQB C studs 0.6 mm thick Inner side Single Jobar Plus Board mutuces Dater side 100 mm AQB C studs 0.6 mm thick | Unyable processor Again Spects Book Again Spects Book Again Spects Book Wall Hickness 240 mm Max will height 4.00 m Max will height 4.00 m Max will height 4.00 m Max will height 6.6 m Baard Syme Single Baard Syme Single Baard Syme Single Baard Syme Single Baard Syme Coulder Baard Syme Single Baard Syme Coulder Baard Syme Coulder Baard Syme Single Baard Syme Coulder Baard Syme Coulder Baard Syme Single Baard Syme Single mental state Single < | Durality by the Book Auxiliary of the server is a server in the server in the server is a server in the serve | Durywali byseck block Augunotori dimiti wali Additional transmission Additional transmission Mark wali bedrift Mark wali bedrift Mark wali bedrift Mark wali bedrift |

| | | | AquaE | oard i | infill | wall | | | | | | Sec. |
|------------------------|---|---|--|-----------------------------|---------------------------|-------------------------------|---|--|--|--|---|---|
| | | AQI | 3-1 250/M100 + M75 - 1 PV BA13 + | 3 LaDi | ura B | A13 + 1 | 1 AQB BA13 - RW/80 + RW/60 | | | | | |
| System performances | Wall thickness Max wall height Airborne sound insulation Rw Thermal transmittance U Thermal resistance R Periodic thermal transmittance Yie Thermal phase shifting Fire rating | 250 mm 4,00 m 66 dB 0,203 W/m²K 4,93 m²K/W 0,077 W/m²K 7h 15' - | | * | , | 5 2.5 | | | | P P P P P P P P P P P P P P P P P P | Adesivo&Rasa reinforcing regyAquaBoa 00 mm Aluzi regyMetalAo tock mineral 10 kg/m ³ - 80 | ante base coa mesh + finish ard BA13 nc C stud quaBoard wool 0 mm |
| Outer side | Board layer Board type Reaction to fire Board thickness | Single PregyAquaBoard BA13 A2-s1,d0 12,5 mm | | 25 | 50 13 13 | 2.5 | | | : | | aDura Plus B '5 mm C stud | A13 |
| Soard in cavity | Board layer Board type Reaction to fire Board thickness | Double LaDura Plus BA13 A2-s1,d0 12,5 mm | | 4 | 1 | 2.5 | | | | | ock mineral '0 kg/m ³ - 60 'regyVapor B/ aDura Plus B/ | mm A13 A13 |
| Inner side | Board layer Board type Reaction to fire Board thickness | Inner PregyVapor BA13 A2-s1,d0 12,5 mm | Outer LaDura Plus BA13 A2-s1,d0 12,5mm | | | | Ι. | Outer frame studs | Spacing [cm] | Maximu | um height [m] | |
| Metal frame | Outer side | 100 mm AQB C studs 0,6 n | nm thick | | | | Remarks: | 47-99-50 | 40 30 | - 2,85 | 3,5 | |
| | Inner side | Simple 75 mm C studs at 6 | 0 cm maximum spacing | | | | All performance data and system specifications a or substitution of any other manufacturers mater | e for system constructed with ial or component invalidates | n materials and both test data | I components as and system peri | s shown. The inclus formance. | sion |
| | Outer side | Rock wool 110 kg/m ³ dens | sity, 80 mm thick | _ | | | Maximum heights are for system considering an h daN/m ² uniform wind pressure. For different load | orizontal load of 1 kN/m imp Is please contact Siniat Italy T | osed at 1,20 m echnical Divisi | ı height above ti on. | he floor and 100 | |
| Insulation | Inner side | Rock wool 70 kg/m ³ densi | ty, 60 mm thick | | | | The information is provided in good faith and is b it is believed to be correct, we accept no liability f to its suitability as we do not accept responsibility design responsibility rests entirely with the recipi documentation service. | ased upon details received, w or its accurancy, adequacy or r for any claims or consequen ents who should then produc | hich are assun completeness tial loss. Accep e accepted det | ned to include a . Recipients mus itance of the cor cails on their ow | Il relevant facts. Wi st satisfy themselve ntent and subseque n Company | hile es as ent |
| terior finishing | Adesivo&Rasante AquaBoard base of coat according to Siniat instructions | coat with AquaBoard fiber gla s. | ass reinforcing mesh and Mapei finish | | | | Airborne sound insulation Rw is related to test co bridges (peripheral transmissions through floors, | nditions. Actual acoustic perf ceilings, corners) and by impe | ormance in sit rfections in in | u (R'w) is influer stallation. | nced by acoustic | |
| | Specification: | | | <u> </u> | | | None of the content may be copied directly with | ut prior approval from Siniat | Italy Technical | Division | | |
| | AquaBoard infill wall 250 mm thick: 12,5 mm thick LaDura Plus BA13 as Outer metal frame composed by 10 Inner metal frame composed by Pre Partition maximum height: 4 m Airborne Sound Insulation Rw: 66 d Thermal transmittance U: 0,203 W/ Fire rating: - | one 12,5 mm thick PregyAqu outer layer on the inner side 00 mm PregyMetalAquaBoard egyMetal 75 mm U tracks 0,6 B 'm ² K | uaBoard BA13 on the outer side, two 13 d U tracks 1 mm thick and 100 mm Preg i mm thick and Simple 75 mm C studs a | 2,5 mm gyMeta t 60 cn | n thicl alAqu n may | k LaDura aBoard kimum s | a Plus BA13 in the cavity, screwed on the outer fram C studs 0,6 mm thick. Cavity: Rock wool 110 kg/m ³ d spacing. Cavity: Rock wool 70 kg/m ³ density, 60 mm 1 | e. One 12,5 mm thick F ensity, 80 mm thick. hick. | PregyVapor | BA13 as inne | er layer and on | ne |

| | | | AquaBoa | rd infill wall | | | | | | |
|------------------------|---|--|---|----------------------------------|--|--|--|---|---|---|
| | | AQB-1 265/1 | M100 + M100 - 1 PV BA13 + 2 | LaDura BA13 + | 1 AQB BA13 - RW/80 + RW/80 | | | | | |
| System performances | Wall thickness Max wall height Airborne sound insulation Rw Thermal transmittance U Thermal resistance R Periodic thermal transmittance Yie Thermal phase shifting Fire rating | 265 mm 4,00 m 65 dB 0,179 W/m²K 5,59 m²K/W 0,084 W/m²K 7h 08' - | | 5 12.5 100 | | | | Ac + 1 Pr 10 Pr 10 Pr 11 | lesivo&Ra: reinforcing egyAquaBo 10 mm Aluz egyMetalA ock minera 10 kg/m ³ - | sante base co g mesh + finisl oard BA13 zinc C stud AquaBoard il wool 80 mm |
| Outer side | Board layer Board type Reaction to fire Board thickness | Single PregyAquaBoard BA13 A2-s1,d0 12,5 mm | | 265 | | | | La | Dura Plus I)0 mm C st | BA13 :ud |
| Board in cavity | Board layer Board type Reaction to fire Board thickness | Single LaDura Plus BA13 A2-s1,d0 12,5 mm | | 12.5 | | | | Rc 7C Pr La | ick minera kg/m ³ - 80 egyVapor 1 Dura Plus | l wool 0 mm BA13 BA13 |
| Inner side | Board layer Board type Reaction to fire Board thickness | Inner C PregyVapor BA13 L A2-s1,d0 A 12,5 mm 1 | luter aDura Plus BA13 .2-s1,d0 2,5 mm | ı | | Outer frame studs | Spacing [cm] | Maximur | n height [m] | - |
| Metal frame | Outer side | 100 mm AQB C studs 0,6 mm thick | | ł | Remarks: | 47-99-50 | 40 30 | - 2,85 | 3,5 | |
| | Inner side | Simple 100 mm C studs at 60 cm m | aximum spacing | | All performance data and system specifications ar or substitution of any other manufacturers materi | e for system constructed with al or component invalidates b | n materials and com both test data and s | ponents as s system perfo | hown. The inclu rmance. | usion |
| | Outer side | Rock wool 110 kg/m³ density, 80 m | m thick | | Maximum heights are for system considering an h daN/m ² uniform wind pressure. For different load | orizontal load of 1 kN/m impo s please contact Siniat Italy Te | osed at 1,20 m heig echnical Division. | ht above the | floor and 100 | |
| Insulation | Inner side | Rock wool 70 kg/m ³ density, 80 mn | ו thick | | The information is provided in good faith and is b it is believed to be correct, we accept no liability f to its suitability as we do not accept responsibility design responsibility rests entirely with the recipie documentation service. | ased upon details received, w or its accurancy, adequacy or for any claims or consequent ents who should then produce | hich are assumed to completeness. Reci tial loss. Acceptance e accepted details o | o include all pients must of the conte n their own (| relevant facts. V satisfy themselv ent and subsequ Company | Vhile ves as uent |
| terior finishing | Adesivo&Rasante AquaBoard base of coat according to Siniat instructions | coat with AquaBoard fiber glass reinfo 5. | rcing mesh and Mapei finish | I | Airborne sound insulation Rw is related to test con bridges (peripheral transmissions through floors, | nditions. Actual acoustic perfo ceilings, corners) and by impe | ormance in situ (R'v rfections in installa | v) is influence tion. | ed by acoustic | |
| | Specification: AquaBoard infill wall 265 mm thick: 12,5 mm thick LaDura Plus BA13 as Outer metal frame composed by 10 | one 12,5 mm thick PregyAquaBoard I outer layer on the inner side. 10 mm PregyMetalAquaBoard U tracks | 3A13 on the outer side, one 12,5 ; 1 mm thick and 100 mm Pregyly | mm thick LaDur AetalAquaBoard | None of the content may be copied directly witho a Plus BA13 in the cavity, screwed on the outer frame C studs 0,6 mm thick. Cavity: Rock wool 110 kg/m ³ do | ut prior approval from Siniat i e. One 12,5 mm thick P ensity, 80 mm thick. | Italy Technical Divis PregyVapor BA1 | ^{ion} 3 as inner | · layer and o | ine |
| | Partition maximum height: 4 m Airborne Sound Insulation Rw: 65 dl Thermal transmittance U: 0,179 W/ Fire rating: - | B im²K | er and simple too minic study at | | n spacing, cavity, nock wool 70 kg/m defisity, 60 mi | in thee. | | | | |

| | | | Drywall | Specs bo | ook | | | | | | | |
|------------------------|---|---|--|--|--|--|---|--|--|---|--|---|
| | | AQE | 3-1 275/M100 + M100 - 1 PV BA13 + 3 | 3 LaDura BA | 13 + 1 AQB | BA13 - RW/80 + RW/80 | | | | | | |
| System performances | Wall thickness Max wall height Airborne sound insulation Rw Thermal transmittance U Thermal resistance R Periodic thermal transmittance Yie Thermal phase shifting Fire rating | 275 mm 4,00 m 67 dB 0,178 W/m²K 5,62 m²K/W 0,052 W/m²K 8h 04' - | | 5 - 12.5 | | | | | | Ade + re Preg 100 Preg Rocl 110 | sivo&Rasante inforcing mes gyAquaBoard I mm Aluzinc C gyMetalAquaB < mineral woo kg/m ³ - 80 mi | base coat h + finish coat BA13 Stud Board M M |
| Outer side | Board layer Board type Reaction to fire Board thickness | Single PregyAquaBoard BA13 A2-s1,d0 12,5 mm | | 275 12.5 | | | | | | LaD | ura Plus BA13 mm C stud | |
| Board in cavity | Board layer Board type Reaction to fire Board thickness | Double LaDura Plus BA13 A2-s1,d0 12,5mm | | 12.5 | | | | 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1 | | Roci 70 k Preg | < mineral woo g/m ³ - 80 mm gVapor BA13 ura Plus BA13 | 4 |
| Inner side | Board layer Board type Reaction to fire Board thickness | Inner PregyVapor BA13 A2-s1,d0 12,5mm | Outer LaDura Plus BA13 A2-s1,d0 12,5mm | | | | Outer fra | ame studs | Spacing [cm] | Maximu | um height [m] | _ |
| Metal frame | Outer side | 100 mm AQB C studs 0,6 r | nm thick | | | Remarks: All performance data and system s | 47-5 | 99-50 | 40 30 h materials and | - - 2,85 components as | 2,85 3,5 4 shown. The inclusion | |
| | Outer side | Rock wool 110 kg/m ³ dens | sity, 80 mm thick | | | or substitution of any other manuf Maximum heights are for system o daN/m² uniform wind pressure. Fo | acturers material or componen onsidering an horizontal load o r different loads please contact | it invalidates f 1 kN/m imp t Siniat Italy 1 | both test data a bosed at 1,20 m Technical Divisio | and system perf height above tl on. | ormance. ne floor and 100 | |
| Insulation | Inner side | Rock wool 70 kg/m³ densi | ty, 80 mm thick | | | The information is provided in goo it is believed to be correct, we acce to its suitability as we do not accep design responsibility rests entirely documentation service. | d faith and is based upon detai ept no liability for its accurancy, at responsibility for any claims of with the recipients who should | ls received, v , adequacy or or consequen then produc | which are assum r completeness. tial loss. Accept e accepted deta | ned to include a . Recipients mus tance of the cor ails on their own | I relevant facts. Wh t satisfy themselves tent and subsequer Company | ile as nt |
| Exterior finishing | Adesivo&Rasante AquaBoard base coat according to Siniat instruction | coat with AquaBoard fiber gl s. | ass reinforcing mesh and Mapei finish | | | Airborne sound insulation Rw is rel bridges (peripheral transmissions t | lated to test conditions. Actual hrough floors, ceilings, corners | acoustic perf) and by imp | formance in situ erfections in ins | u (R'w) is influer stallation. | ced by acoustic | |
| | Specification: AquaBoard infill wall 275 mm thick: 12,5 mm thick LaDura Plus BA13 as Outer metal frame composed by 10 Inner metal frame composed by Prr Partition maximum height: 4 m Airborne Sound Insulation Rw: 67 d Thermal transmittance U: 0,178 W/ | : one 12,5 mm thick PregyAq outer layer on the inner side 00 mm PregyMetalAquaBoar egyMetal 100 mm U tracks 0, IB /m²K | uaBoard BA13 on the outer side, two 12, d U tracks 1 mm thick and 100 mm Pregy .6 mm thick and Simple 100 mm C studs | 5 mm thick L /MetalAquaBi at 60 cm max | aDura Plus B pard C studs iimum spacii | A13 in the cavity, screwed on the 0,6 mm thick. Cavity: Rock wool 1 ng. Cavity: Rock wool 70 kg/m ³ der | outer frame. One 12,5 r .10 kg/m ³ density, 80 m nsity, 80 mm thick. | mm thick f | PregyVapor | BA13 as inne | er layer and one | 2 |

| | | | Drywall | Specs book | | | | | | * siniat |
|------------------------|--|--|--|--|--|---|--|---|---|------------------------------|
| | | | AquaBoa | ard infill wall | | | | | | Shading the way paratic tail |
| | | AQB-1 29 | 0/M150 + M75 - 1 PV BA13 + 2 L | aDura BA13 + 1 / | AQB BA13 - RW/120 + RW/60 | | | | | |
| | | | | - <u>4</u> 4 | | | | Adesiv + rein | /o&Rasante b forcing mesh | oase coat I + finish coat |
| System performances | Wall thickness Max wall height Airborne sound insulation Rw Thermal transmittance U Thermal resistance R Periodic thermal transmittance Yie Thermal phase shifting | 290 mm 5,00 m 65 dB 0,168 W/m ² K 5,94 m ² K/W 0,066 W/m ² K 85 72' | | 12.5 | | | | Pregy/ | lquaBoard BA m Aluzinc C s VletalAquaBo | A13 stud bard |
| | Fire rating | - | | 290 | | | | | nineral wool g/m ³ - 120 mr | m |
| Outer side | Board layer Board type Reaction to fire Board thickness | Single PregyAquaBoard BA13 A2-s1,d0 12,5 mm | | 12.5 | <u> </u> | | • | LaDura | a Plus BA13 | |
| Board in cavity | Board layer Board type Reaction to fire | Single LaDura Plus BA13 A2-s1,d0 | | 12.5 | | | | Rock r 70 kg/ | nineral wool 'm ³ - 60 mm Vapor BA13 | |
| | Board thickness | 12,5 mm | | + 12.5 | | A | C. C. A. House | LaDur | 3 Plus BA13 | |
| Inner side | Board layer Board type Reaction to fire Board thickness | Inner PregyVapor BA13 A2-s1,d0 12,5 mm | Outer LaDura Plus BA13 A2-s1,d0 12,5 mm | | | Outer frame studs | Spacing [cm] | Maximum | i height [m] |] |
| | Outer side | 150 mm AQB C studs 0,6 mm th | ick | | | 47-149-50 | 60 40 30 | - 3 3,5 | 3,5 4,3 5 | _ |
| Metal frame | Inner side | Simple 75 mm C studs at 60 cm spacing | (40 cm for height > 4 m) maximum | | Remarks: All performance data and system specifications ar or substitution of any other manufacturers materi | e for system constructed wit al or component invalidates | h materials and o both test data a | components as sl nd system perfor | 10wn. The inclusio mance. | on |
| | | | | 1 | Maximum heights are for system considering an h daN/m ² uniform wind pressure. For different load | orizontal load of 1 kN/m imp s please contact Siniat Italy 1 | oosed at 1,20 m l echnical Divisior | neight above the 1. | floor and 100 | |
| | Outer side | Rock wool 110 kg/m ³ density, 12 | 20 mm thick | | The information is provided in good faith and is b | ased upon details received. | which are assume | ed to include all r | elevant facts. Whi | ile |
| Insulation | Inner side | Rock wool 70 kg/m ³ density, 60 | mm thick | | it is believed to be correct, we accept no liability f to its suitability as we do not accept responsibility design responsibility rests entirely with the recipie documentation service. | or its accurancy, adequacy of for any claims or consequer ints who should then produc | r completeness. F itial loss. Accepta e accepted detai | Recipients must s ince of the conte Is on their own C | atisfy themselves a nt and subsequent company | as It |
| Exterior finishing | Adesivo&Rasante AquaBoard base of coat according to Siniat instructions | coat with AquaBoard fiber glass rei s. | inforcing mesh and Mapei finish | | Airborne sound insulation Rw is related to test con bridges (peripheral transmissions through floors, e | nditions. Actual acoustic per ceilings, corners) and by imp | formance in situ erfections in inst | (R'w) is influence allation. | d by acoustic | |
| | Prov. 181 - 41 - 11 | | | <u>.</u> | None of the content may be copied directly without | ut prior approval from Siniat | Italy Technical D | livision | | - |
| | specification: | | | | | | | | | |
| | AquaBoard infill wall 290 mm thick: 12,5 mm thick LaDura Plus BA13 as | one 12,5 mm thick PregyAquaBoa outer layer on the inner side. | rd BA13 on the outer side, one 12,5 | mm thick LaDura | Plus BA13 in the cavity, screwed on the outer frame | e. One 12,5 mm thick I | PregyVapor B | A13 as inner | layer and one | 1 |
| | Outer metal frame composed by 15 Inner metal frame composed by Pre Partition maximum height: 5 m Airborne Sound Insulation Rw: 65 d | 50 mm PregyMetalAquaBoard U tra egyMetal 75 mm U tracks 0,6 mm 1 B | acks 1 mm thick and 150 mm PregyN thick and Simple 75 mm C studs at 6 | ИetalAquaBoard C Ю cm (40 cm for he | studs 0,6 mm thick. Cavity: Rock wool 110 kg/m³ da eight > 4 m) maximum spacing. Cavity: Rock wool 70 | ensity, 120 mm thick.) kg/m³ density, 60 mr | n thick. | | | |
| | Thermal transmittance U: 0,1684 W Fire rating: - | //m²K | | | | | | | | |

| | | | Drywall S | pecs book | | | | | * sinia |
|--------------------|---|---|--|--|---|--|--|--|---------------------------|
| | | AOB | Aquabua -1 300/M150 + M75 - 1 PV BA13 + 3 La | Dura BA13 + | AOB BA13 - RW/120 + RW/60 | | | | |
| | | AQB | -1 300/10130 + 1075 - 1 PV BA13 + 3 La | Dura BA13 + | AG0 6A15 - KW/120 + KW/60 | | / | Adesivo&Rasante b + reinforcing mesh | ase coat + finish coat |
| System | Wall thickness Max wall height Airborne sound insulation Rw Thermal transmittance U | 300 mm 5,00 m 67 dB 0,167 W/m²K | | 12.5 | | | • mm | PregyAquaBoard BA 150 mm Aluzinc C st PregyMetalAquaBoa | 13 tud ard |
| performances | Thermal resistance R Periodic thermal transmittance Yie Thermal phase shifting Fire rating | 5,99 m²K/W 0,043 W/m²K 9h 10' - | | 150 | | | | Rock mineral wool 110 kg/m³ - 120 mm | 1 |
| Outer side | Board layer Board type Reaction to fire Board thickness | Single PregyAquaBoard BA13 A2-s1,d0 12,5mm | | 300 12.5 12.5 | | | | LaDura Plus BA13 | |
| Board in cavity | Board layer Board type Reaction to fire Board thickness | Double LaDura Plus BA13 A2-s1,d0 12,5 mm | | 75 | | | | 75 mm C stud Rock mineral wool 70 kg/m ³ - 60 mm PregyVapor BA13 | |
| Inner side | Board layer Board type Reaction to fire Board thickness | Inner PregyVapor BA13 A2-s1,d0 12.5 mm | Outer LaDura Plus BA13 A2-s1,d0 12.5 mm | <u></u> → | | Outer frame studs | Spacing [cm] | Maximum height [m] |] |
| | Outer side | 150 mm AQB C studs 0,6 n | nm thick | | | 47-149-50 | 60 40 30 | - 3,5 3 4,3 3,5 5 | |
| Metal frame | Inner side | Simple 75 mm C studs at 6 spacing | i0 cm (40 cm for height > 4 m) maximum | | Remarks: All performance data and system specifications are or substitution of any other manufacturers material | for system constructed with or component invalidates I | materials and both test data a | components as shown. The inclusio nd system performance. | n |
| | Outer side | Rock wool 110 kg/m ³ dens | ity, 120 mm thick | | Maximum heights are for system considering an ho daN/m ² uniform wind pressure. For different loads | izontal load of 1 kN/m imp please contact Siniat Italy T | osed at 1,20 m echnical Division | height above the floor and 100 n. | |
| Insulation | Inner side | Rock wool 70 kg/m ³ densit | y, 60 mm thick | | The information is provided in good faith and is bas it is believed to be correct, we accept no liability for to its suitability as we do not accept responsibility f design responsibility rests entirely with the recipien documentation service. | ed upon details received, w its accurancy, adequacy or or any claims or consequent is who should then produce | hich are assume completeness. ial loss. Accepta accepted deta | ed to include all relevant facts. Whil Recipients must satisfy themselves a ance of the content and subsequent ils on their own Company | le as t |
| Exterior finishing | Adesivo&Rasante AquaBoard base of coat according to Siniat instructions | coat with AquaBoard fiber gla s. | ass reinforcing mesh and Mapei finish | | Airborne sound insulation Rw is related to test conc bridges (peripheral transmissions through floors, ce | itions. Actual acoustic perfi ilings, corners) and by impe | ormance in situ rfections in inst | (R'w) is influenced by acoustic tallation. | |
| | Specification: | | | | None of the content may be copied directly without | prior approval from Siniat | Italy Technical [| Division | 7 |
| | AquaBoard infill wall 300 mm thick: 12,5 mm thick LaDura Plus BA13 as Outer metal frame composed by 15 Inner metal frame composed by Pre Partition maximum height: 5 m Airborne Sound Insulation Rw: 67 d Thermal transmittance U: 0,167 W/ | : one 12,5 mm thick PregyAqı outer layer on the inner side 50 mm PregyMetalAquaBoarc egyMetal 75 mm U tracks 0,6 B /m ² K | uaBoard BA13 on the outer side, two 12,5 i J U tracks 1 mm thick and 150 mm PregyM mm thick and Simple 75 mm C studs at 60 | nm thick LaDui etalAquaBoard cm (40 cm for | a Plus BA13 in the cavity, screwed on the outer frame. C studs 0,6 mm thick. Cavity: Rock wool 110 kg/m³ der height > 4 m) maximum spacing. Cavity: Rock wool 70 | One 12,5 mm thick P hsity, 120 mm thick. kg/m³ density, 60 mn | regyVapor E n thick. | 3A13 as inner layer and one | |

| | | | Drywall AquaBo | Specs book ard infill wall | | | | | | |
|---------------------|---|--|--|-------------------------------|--|---|--|---|--|----------------------|
| | | AQB | -1 315/M150 + M100 - 1 PV BA13 + 2 | LaDura BA13 + 1 | AQB BA13 - RW/120 + RW/80 | | | | | |
| | | | | | | | | Adesivo8 + reinfor | kRasante base cing mesh + f | e coat inish coat |
| | Wall thickness Max wall height Airborne sound insulation Bw | 315 mm 5,00 m 66 dB | | 12.5 | , | | | PregyAqu 150 mm | JaBoard BA13 Aluzinc C stuc | 1 |
| System performances | Thermal transmittance U Thermal resistance R Periodic thermal transmittance Yie | 0,140 W/m²K 7,14 m²K/W 0,050 W/m²K | | 150 | | | | PregyMe | talAquaBoard | |
| | Thermal phase shifting Fire rating | 8h 40' - | | | | | | _ Rock min 110 kg/n | ieral wool 1 ³ - 120 mm | |
| Outer side | Board layer Board type Reaction to fire Board thickness | Single PregyAquaBoard BA13 A2-s1,d0 12.5 mm | | 315 12.5 | | ntinin | • | — LaDura P | lus BA13 | |
| Board in cavity | Board layer Board type Reaction to fire Board thickness | Single LaDura Plus BA13 A2-s1,d0 12,5 mm | | 100 | | | | 100 mm Rock min 70 kg/m³ PregyVap LaDura P | C stud Ieral wool ³ - 80 mm por BA13 Ilus BA13 | |
| Inner side | Board layer Board type Reaction to fire Board thickness | Inner PregyVapor BA13 A2-s1,d0 12 5 mm | Outer LaDura Plus BA13 A2-s1,d0 12 5 mm | | | Outer frame studs | Spacing [cm] | Maximum H | neight [m] | |
| | | 12,5 mm | 12,5 | 1 | | 47-149-50 | 60 40 | - 3 | 3,5 | |
| Metal frame | Outer side | 150 mm AQB C studs 0,6 r | nm thick | | Remarks: | | 30 | 3,5 | 5 | |
| Wetarmanie | Inner side | Simple 100 mm C studs at | 60 cm cm maximum spacing | | All performance data and system specifications are for or substitution of any other manufacturers material of | or system constructed with or component invalidates b | materials and co oth test data and | mponents as sho I system perform | wn. The inclusion ance. | |
| | Outer side | Rock wool 110 kg/m³ den | sity 120 mm thick |] | Maximum heights are for system considering an hori: daN/m ² uniform wind pressure. For different loads p | zontal load of 1 kN/m impo lease contact Siniat Italy Te | sed at 1,20 m he chnical Division. | ight above the flo | oor and 100 | |
| Insulation | Inner side | Rock wool 70 kg/m ³ densi | ty, 80 mm thick | | The information is provided in good faith and is base it is believed to be correct, we accept no liability for i to its suitability as we do not accept responsibility for design responsibility rests entirely with the recipients documentation service. | d upon details received, wh ts accurancy, adequacy or r any claims or consequent s who should then produce | ich are assumed completeness. Re al loss. Acceptan accepted details | to include all rele cipients must sat ce of the content on their own Con | evant facts. While .isfy themselves as : and subsequent mpany | |
| Exterior finishing | Adesivo&Rasante AquaBoard base co coat according to Siniat instructions. | oat with AquaBoard fiber gl | ass reinforcing mesh and Mapei finish |] | Airborne sound insulation Rw is related to test condii bridges (peripheral transmissions through floors, ceil | tions. Actual acoustic perfo ings, corners) and by imper | rmance in situ (R fections in instal | 'w) is influenced lation. | by acoustic | |

Specification:

AquaBoard infill wall 315 mm thick: one 12,5 mm thick PregyAquaBoard BA13 on the outer side, one 12,5 mm thick LaDura Plus BA13 in the cavity, screwed on the outer frame. One 12,5 mm thick PregyVapor BA13 as inner layer and one 12,5 mm thick LaDura Plus BA13 as outer layer on the inner side. 12,5 mm thick LaDura Plus BA13 as outer layer on the inner side. Outer metal frame composed by 150 mm PregyMetalAquaBoard U tracks 1 mm thick and 150 mm PregyMetalAquaBoard C studs 0,6 mm thick. Cavity: Rock wool 110 kg/m³ density, 120 mm thick.

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Inner metal frame composed by PregyMetal 100 mm U tracks 0,6 mm thick and Simple 100 mm C studs at 60 cm cm maximum spacing. Cavity: Rock wool 70 kg/m³ density, 80 mm thick. Partition maximum height: 5 m

Airborne Sound Insulation Rw: 66 dB

Thermal transmittance U: 0,14 W/m²K

Fire rating: -

Siniat Italy Technical Division

| | | AquaBo | • ard infill wall | | | | | * sinia |
|--|---|---|--|--|---|--|--|--|
| | AOB-1 | 325/M150 + M100 - 1 PV BA13 + 3 | LaDura BA13 + 1 | AOB BA13 - RW/120 + RW/80 | | | | 4 |
| | AUD I | 525/W150 + W100 - 11 V DA15 + 5 + | | | | | _ Adesivo&Rasante base + reinforcing mesh + fin | coat ish coat |
| Wall thickness Max wall height Airborne sound insulation Rw Thermal transmittance U Thermal resistance R Periodic thermal transmittance Yie Thermal obase shifting | 325 mm 5,00 m 68 dB 0,139 W/m ² K 7,19 m ² K/W 0,030 W/m ² K 9h 30' | | 12.5 | | | | PregyAquaBoard BA13 150 mm Aluzinc C stud PregyMetalAquaBoard Rock mineral wool | |
| Fire rating Board layer Board type | - Single PrezvAguaBoard BA13 | | 325 | | | | 110 kg/m³ - 120 mm LaDura Plus BA13 | |
| Reaction to fire Board thickness | A2-s1,d0 12,5 mm | | 12.5 | | | | – 100 mm C stud | |
| Board type Reaction to fire Board thickness | LaDura Plus BA13 A2-s1,d0 12,5 mm | | 100 | | | | Rock mineral wool 70 kg/m³ - 80 mm PregyVapor BA13 | |
| Board layer Board type Reaction to fire Board thickness | Inner PregyVapor BA13 A2-s1,d0 12,5 mm | Outer LaDura Plus BA13 A2-s1,d0 12,5mm | | | Uuter frame studs | Spacing [cm] | LaDura Plus BA13 Maximum height [m] | |
| Outer side | 150 mm AQB C studs 0,6 mn | n thick | | Remarks: | 47-149-50 | 60 40 30 | - 3,5 3 4,3 3,5 5 | |
| Inner side | Simple 100 mm C studs at 60 | 0 cm cm maximum spacing | | All performance data and system specifications are or substitution of any other manufacturers materia | for system constructed with al or component invalidates b | materials and c oth test data ar | components as shown. The inclusion nd system performance. | I |
| Outer side | Rock wool 110 kg/m ³ densit | y, 120 mm thick | | daN/m ² uniform wind pressure. For different loads | sed upon details received, w | chnical Division | ed to include all relevant facts. While | |
| Inner side | Rock wool 70 kg/m ³ density, | 80 mm thick | | it is believed to be correct, we accept no liability for to its suitability as we do not accept responsibility f design responsibility rests entirely with the recipier documentation service. | r its accurancy, adequacy or for any claims or consequent nts who should then produce | completeness. F ial loss. Accepta accepted detail | Recipients must satisfy themselves as ance of the content and subsequent Is on their own Company | S |
| Adesivo&Rasante AquaBoard base c coat according to Siniat instructions | oat with AquaBoard fiber glas: | s reinforcing mesh and Mapei finish | | Airborne sound insulation Rw is related to test con bridges (peripheral transmissions through floors, co | ditions. Actual acoustic perfo eilings, corners) and by impe | ormance in situ (rfections in insta | (R'w) is influenced by acoustic allation. | |
| Specification: AquaBoard infill wall 325 mm thick: 12,5 mm thick LaDura Plus BA13 as of Outer metal frame composed by 15 Inner metal frame composed by Pre Partition maximum height: 5 m Airborne Sound Insulation Rw: 68 df | one 12,5 mm thick PregyAqua outer layer on the inner side. 0 mm PregyMetalAquaBoard L gyMetal 100 mm U tracks 0,6 3 | Board BA13 on the outer side, two 12,5 J tracks 1 mm thick and 150 mm Pregy mm thick and Simple 100 mm C studs a | mm thick LaDura VletalAquaBoard (t 60 cm cm maxir | None of the content may be copied directly withou Plus BA13 in the cavity, screwed on the outer frame C studs 0,6 mm thick. Cavity: Rock wool 110 kg/m ³ de num spacing. Cavity: Rock wool 70 kg/m ³ density, 80 i | t prior approval from Siniat i . One 12,5 mm thick P nsity, 120 mm thick. mm thick. | taly Technical D | livision BA13 as inner layer and one | |
| | Wall thickness Max wall height Airborne sound insulation Rw Thermal transmittance U Thermal resistance R Periodic thermal transmittance Yie Thermal phase shifting Fire rating Board layer Board type Reaction to fire Board thickness Board t | Wall thickness 325 mm Max wall height 5,00 m Airborne sound insulation Rw 68 dB Thermal transmittance U 0,139 W/m²K Thermal resistance R 7,19 m²K/W Periodic thermal transmittance Yie 0,030 W/m²K Thermal phase shifting 9h 30' Fire rating - Board layer Single Board type PregyAquaBoard BA13 Reaction to fire A2-s1,d0 Board layer Double Board layer Double Board type LaDura Plus BA13 Reaction to fire A2-s1,d0 Board layer Double Board type LaDura Plus BA13 Reaction to fire A2-s1,d0 Board layer Inner Board layer Inner Board layer Inner Board type PregyVapor BA13 Reaction to fire A2-s1,d0 Board thickness 12,5 mm Outer side I50 mm AQB C studs 0,6 mm Inner side Simple 100 mm C studs at 60 Measivo&Rasante AquaBoard base coat with AquaBoard fib | Wall thickness 325 mm Max wall height 5,00 m Airborne sound insulation Rw 68 dB Thermal transmittance U 0,139 W/m ³ K Thermal resistance R 7,19 m ³ K/W Periodic thermal transmittance Yie 0,030 W/m ³ K Thermal resistance R 7,19 m ³ K/W Periodic thermal transmittance Yie 0,030 W/m ³ K Thermal resistance R 7,19 m ³ K/W Periodic thermal transmittance Yie 0,030 W/m ³ K Thermal resistance R 7,19 m ³ K/W Periodic thermal transmittance Yie 0,030 W/m ³ K Thermal phase shifting 9h 30' Fire rating - Board type PregyAquaBoard BA13 Reaction to fire A2-51,40 Board type LaDura Plus BA13 Reaction to fire A2-51,40 Board type PregyVapor BA13 LaDura Plus BA13 Reaction to fire A2-51,40 A2-51,40 Board type PregyVapor BA13 LaDura Plus BA13 Reaction to fire A2-5,1,40 A2-51,40 Board type Rescivabac to fine states 12,5 mm Oute | Wall thickness 325 mm Max wall height 5,00 m Airborne sound insulation Rw 68 dB Thermal transmittance U 0,139 W/m ² K Thermal transmittance VI 0,030 W/m ² K Periodic thermal transmittance VI 0,030 W/m ² K Thermal phase shifting 9h 30' Fire rating - Board layer Single Board type Pregs/AquaBoard BA13 Reaction to fire A2-51,d0 Board type Duble Board type Pregs/AquaBoard BA13 Reaction to fire A2-51,d0 Board type Pregs/AquaBoard BA13 Reaction to fire A2-51,d0 Board thickness 12,5 mm Outer side 150 mm AQB C studs 0,6 mm thick Inner side Simple 100 mm C studs at 60 cm cm maximum spacing Outer side Rock wool 70 kg/m ³ density, 120 mm thick Inner side Rock wool 70 kg/m ³ density, 80 mm thick Inner side Ro | Wall thickness 325 mm Max will height 5.00 m Mar will height 5.00 m Mar will height 5.00 m Mar will height 0.33 W/m ¹ /c Hermal restances 7.39 m ² /c/W Board layer Single Board layer Double Board layer Informe AL3.1.00 Board layer Informe A2.1.00 Board layer Informe A2.1.00 Board thickness 1.2.5 mm Outer side Simple 100 mm C studs at 60 cm cm maximum spacing Outer side Rock wool 700 kg/m ⁴ density, 120 mm thick Inner side Rock wool 700 kg/m ⁴ density, 80 mm thick AguaBaard Hollowas L2.5 mm thick restages tein holso gene grespace total to so ten sinte tot the softwa | Wall thickness 325 mm Max wall height Max wall register Max wall re | Well Bickinses 25 mm Arborn scule Insulation RW 86 dil Provide Kamel Login 7.39 m/V Provide Kamel Login 91.80 m/k Therman transmitteria 10.00 M/K Provide Kamel Login 91.80 m/k Dard Layer 91.80 m/k Board Liyer 91.80 m/k Doard Liyer 91.80 m/k Board Liyer 91.80 m/k Board Liyer 91.80 m/k Board Liyer Duble Dubre side 2.0 mm ADB C Studig Lio mm Dick Inner side Ronk wooll 100 kg/m ² density, 20 mm thick | Will Bickets 25 mm Mill Bickets 50 m Mill Bickets 50 m Mill Bickets 50 m Mill Bickets 61 d Mill Bickets 50 m Mill Bickets 50 m Mill Bickets 50 m Mill Bickets 51 m Mill Bickets 51 m Mill Bickets 51 m Mill Bickets 51 m Mill Bickets 52 mm Boord Tayler 52 mm Boord Tayler 52 mm Boord Tayler 52 mm Boord Tayler 50 mm Aking Boord Tayler 50 mm Boord Tayler 50 mm |

| | | | Drywaii AquaBo | Specs DOOK ard infill wall | | | | | 於 S |
|------------------------|---|--|--|---|--|--|--|--|---|
| | | AQ | B-1 250/M100 + M75 - 1 PV BA13 + 3 | LaDura BA13 + 1 | AQB BA13 - RW/80 + RW/60 | | | | |
| System performances | Wall thickness Max wall height Airborne sound insulation Rw Thermal transmittance U Thermal resistance R Periodic thermal transmittance Yie Thermal phase shifting Fire rating | 250 mm 4,00 m 66 dB 0,203 W/m ² K 4,93 m ² K/W 0,080 W/m ² K 7h 15' El 120 - Test report IG n. 2 | 297596/3457 FR + FT 310661 | 5 5 12.5 12.5 100 | | | | Art Pr La | desivo&Rasante base coat reinforcing mesh + finish o regyAquaBoard BA13 iDura Plus BA13 20 mm Aluzinc C stud regyMetalAquaBoard bock mineral wool 10 kg/m ³ - 80 mm |
| Outer side | Board layer Board type Reaction to fire Board thickness Board layer | Inner LaDura Plus BA13 A2-s1,d0 12,5 mm Single | Outer PregyAquaBoard BA13 A2-s1,d0 12,5 mm | 250 | | | | La | iDura Plus BA13 5 mm C stud ock mineral wool 0 kg/m ³ - 60 mm |
| Board in cavity | Board type Reaction to fire Board thickness | LaDura Plus BA13 A2-s1,d0 12,5 mm | | 12.5 | | 1 | | Pr La | regyVapor BA13 aDura Plus BA13 |
| Inner side | Board layer Board type Reaction to fire Board thickness | Inner PregyVapor BA13 A2-s1,d0 12,5mm | Outer LaDura Plus BA13 A2-s1,d0 12,5mm | | | Outer frame | studs [cm] | Maximu | um height [m] |
| Metal frame | Outer side | 100 mm AQB C studs 0,6 | mm thick | | Remarks: All performance data and system | 47-99-5 specifications are for system constru | 0 40 30 | 2,85 | 3,5 4 s shown. The inclusion |
| | Outer side | Rock wool 110 kg/m ³ den | sucm maximum spacing |] | or substitution of any other manu Maximum heights are for system daN/m ² uniform wind pressure. F maximum heights according to Fi | ufacturers material or component inv considering an horizontal load of 1 k For different loads please contact Sin re Test Report. | ilidates both test data I/m imposed at 1,20 It Italy Technical Divis | a and system per m height above ti ion. Heights in ta | formance. he floor and 100 sble already satisfy |
| Insulation | Inner side | Rock wool 70 kg/m ³ dens | ity, 60 mm thick | | The information is provided in go it is believed to be correct, we acc to its suitability as we do not acce design responsibility rests entrely documentation service. | od faith and is based upon details re cept no liability for its accurancy, ade ept responsibility for any claims or co y with the recipients who should the | eived, which are assu Juacy or completenes Isequential loss. Acce produce accepted de | med to include a s. Recipients mus ptance of the cor tails on their own | Ill relevant facts. While st satisfy themselves as ntent and subsequent n Company |
| Exterior finishing | Adesivo&Rasante AquaBoard base of coat according to Siniat instructions | coat with AquaBoard fiber g s. | ass reinforcing mesh and Mapei finish | | Airborne sound insulation Rw is r bridges (peripheral transmissions | elated to test conditions. Actual acoustic through floors, ceilings, corners) and | stic performance in si by imperfections in i | tu (R'w) is influer nstallation. | nced by acoustic |
| | Specification: | | | | None of the content may be copie | eu un ecuy without prior approval fro | n siniat italy recinité | חטוצועה יי | |
| | AquaBoard infill wall 250 mm thick: outer frame. One 12,5 mm thick Pro Outer metal frame composed by 10 Inner metal frame composed by Pro Partition maximum height: 4 m Airborne Sound Insulation Rw: 66 d Thermal transmittance U: 0,203 W/ Fire rating: El 120. Test report IG n | : one 12,5 mm thick LaDura I egyVapor BA13 as inner laye)0 mm PregyMetalAquaBoar egyMetal 75 mm U tracks 0,/ B /m²K _ 297596/3457 FB + FT 31064 | Plus BA13 as inner layer and one 12,5 mm r and one 12,5 mm thick LaDura Plus BA13 d U tracks 1 mm thick and 100 mm Pregy 5 mm thick and Simple 75 mm C studs at 6 | thick PregyAquaB 3 as outer layer or MetalAquaBoard (0 cm maximum s | oard BA13 as outer layer on the outer s the inner side. S studs 0,6 mm thick. Cavity: Rock wool Dacing. Cavity: Rock wool 70 kg/m³ dens | side, one 12,5 mm thick LaDu 110 kg/m ³ density, 80 mm ti sity, 60 mm thick. | ra Plus BA13 in t ick. | he cavity, scr | ewed on the |

| | | | Drywall | Specs book | | | | | ∦sınıat |
|--------------------|---------------------------------------|--|------------------------------------|---------------------|---|--|--|--|---|
| | | | AquaBo | ard infill wall | | | | | patiel or website use |
| | | AQB-1 27 | 75/M100 + M100 - 1 PV BA13 + 3 | LaDura BA13 + 1 | AQB BA13 - RW/80 + RW/80 | | | | |
| | | | | | | | | | |
| | | | | - | 1 | | / | Adesivo&Rasante + reinforcing mest | base coat 1 + finish coat |
| | Wall thickness | 275 mm | | 5 + | | | | PregyAguaBoard B | A13 |
| | Max wall height | 4,00 m | | 12.5 | market and Y A start and a start at the | an state the state | | LaDura Plus BA13 | A13 |
| Suctor | Thermal transmittance II | $0.178 W/m^{2}k$ | | | | mmm | | | |
| performances | Thermal resistance R | $5.62 \text{ m}^2 \text{K}/\text{W}$ | | | 1 A A A A A A A 4 A A A A A A A A A A A A A | | | 100 mm Aluzinc C | stud |
| performances | Periodic thermal transmittance Yie | 0.052 W/m ² K | | 100 | AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA | MAAAAAAAAA | | PregyMetalAquaB | bard |
| | Thermal phase shifting | 8h 04' | | 100 | NAVARANANA RAYARANANANAN | WWWWWWW | WWWW | Rock mineral wool | |
| | Fire rating | El 120 - Test report IG n. 29759 | 6/3457 FR + FT 310661 | | | * * * * * * * * | V V PVV | 110 kg/m ³ - 80 mn | 1 |
| - | T | | | | munipul | uuuu | uu | | |
| - | Board layer | Inner | Outer | 275 12.5 | A | EN E | | LaDura Plus BA13 | |
| Outer side | Board type | LaDura Plus BA13 | PregyAquaBoard BA13 | | h0000000000000000000000000000000000000 | m | m | | |
| outer side | Reaction to fire | A2-s1,d0 | A2-s1,d0 | | | | | 100 mm C stud | |
| | Board thickness | 12,5 mm | 12,5 mm | 100 | ******************* | VANNAVAV | MAAAA | 100 mm e stud | |
| | | | | т П | NAVAARAANAANAABAARAANAA | NANANANAN | WWWW. | Bock mineral wool | |
| | Board type | Single | | | | V V VLV. V V V V | V V P++ | 70 kg/m ³ - 80 mm | |
| Board in cavity | Board type | | | 125 | | MAR AN | | Prom//apor BA13 | |
| | Board thickness | 12.5 mm | | 12.5 | and the factor of the first sector of the first | | • | LaDura Plus BA13 | |
| | bourd thickness | 12,5 mm | | *- *- | | | | | |
| | Board layer | Inner | Outer | 1 | 1 | | | l Si | |
| Innor sido | Board type | PregyVapor BA13 | LaDura Plus BA13 | | | | Granina | Maximum height [m] | |
| initer side | Reaction to fire | A2-s1,d0 | A2-s1,d0 | | | Outer frame studs | Spacing [cm] | | |
| | Board thickness | 12,5 mm | 12,5 mm | | | | | | |
| | | | | П | | 47-99-50 | 60 | - 2,85 | |
| | Outer side | 100 mm AQB C studs 0,6 mm th | lick | | | 17 55 50 | 30 | 2,85 4 | |
| Metal frame | | | | _ | Remarks: | | | | |
| | Inner side | Simple 100 mm C studs at 60 cr | n maximum spacing | | All performance data and system specifications are for or substitution of any other manufacturers material of | or system constructed with or component invalidates b | materials and cor oth test data and | mponents as shown. The inclusion system performance. | |
| | | | | _ | Maximum heights are for system considering an hori | zontal load of 1 kN/m impo | sed at 1,20 m hei | ight above the floor and 100 | |
| | | | | 1 | daN/m ² uniform wind pressure. For different loads p maximum heights according to Fire Test Report. | lease contact Siniat Italy Te | chnical Division. H | Heights in table already satisfy | |
| | Outer side | Rock wool 110 kg/m ³ density, 8 | 0 mm thick | | The information is second at its and its have | decision details as a fired and | | ** != -! | |
| Insulation | | | | 1 | it is believed to be correct, we accept no liability for i | ts accurancy, adequacy or | completeness. Re | cipients must satisfy themselves as | |
| | Inner side | Rock wool 70 kg/m ³ density, 80 | mm thick | | to its suitability as we do not accept responsibility for | any claims or consequent | al loss. Acceptant | ce of the content and subsequent | |
| | | | | | documentation service. | who should then produce | accepted details | on their own company | |
| | Adosivo& Pasanto Agua Board baso s | oot with AquaRoard fibor glass re | inforcing much and Manoi finish | 1 | Alah ang ang aking datan Derita salat datan di | | i (D/ | | |
| Exterior finishing | coat according to Siniat instructions | | moreing mean and maper milan | | bridges (peripheral transmissions through floors, ceil | ings, corners) and by impe | fections in install | ation. | |
| | | | | | None of the content may be copied directly without | prior approval from Siniat I | alv Technical Divi | ision | |
| | Specification: | | | | · · · · · · · · · · · · · · · · · · · | | | | 1 |
| | apcontation. | | | | | | | | |
| | AquaBoard infill wall 275 mm thick: | one 12,5 mm thick LaDura Plus B | A13 as inner layer and one 12.5 mm | thick PregvAquaBo | ard BA13 as outer layer on the outer side. one 12.5 n | nm thick LaDura Plus | BA13 in the c | avity, screwed on the | |
| | outer frame. One 12,5 mm thick Pre | gyVapor BA13 as inner layer and | one 12,5 mm thick LaDura Plus BA1 | 3 as outer layer on | the inner side. | | | // ····· | |

Outer metal frame composed by 100 mm PregyMetalAquaBoard U tracks 1 mm thick and 100 mm PregyMetalAquaBoard C studs 0,6 mm thick. Cavity: Rock wool 110 kg/m³ density, 80 mm thick.

Inner metal frame composed by PregyMetal 100 mm U tracks 0,6 mm thick and Simple 100 mm C studs at 60 cm maximum spacing. Cavity: Rock wool 70 kg/m³ density, 80 mm thick.

Partition maximum height: 4 m

Airborne Sound Insulation Rw: 67 dB Thermal transmittance U: 0,178 W/m²K

Fire rating: EI 120 - Test report IG n. 297596/3457 FR + FT 310661

Siniat Italy Technical Division

| | | | Drywall _{AquaBo} | Specs book ard infill wall | | | | | | | * siniat |
|------------------------|--|--|---|---|---|---|--|---|--|--|---------------------|
| | | AQB | -1 300/M150 + M75 - 1 PV BA13 + 3 l | .aDura BA13 + 1 | . AQB BA13 - RW/120 + RW, | /60 | | | | | |
| | | | | * ** | | | | | Adesivo + reinfo | &Rasante base rcing mesh + fi | e coat nish coat |
| | Wall thickness Max wall height Airborne sound insulation Bw | 300 mm 4,00 m 67 dB | | 12.5 12.5 | | | 4 <i>52420000000</i> | • | PregyAq LaDura I | uaBoard BA13 Plus BA13 | |
| System performances | Thermal transmittance U Thermal resistance R Periodic thermal transmittance Yie | 0,165 W/m²K 6,07 m²K/W 0,040 W/m²K | | | | | | | 150 mm PregyMe | Aluzinc C stud etalAquaBoard | |
| | Thermal phase shifting Fire rating | 9h 10' El 120 - Test report IG n. 2' | 97596/3457 FR + FT 310661 | 300 | | | | - | Rock mi 110 kg/r | neral wool m³ - 120 mm | |
| Outer side | Board type Reaction to fire Board thickness | LaDura Plus BA13 A2-s1,d0 12,5 mm | PregyAquaBoard BA13 A2-s1,d0 12,5 mm | 12.5 | · · · · · | | | • | — LaDura I | Plus BA13 | |
| Board in cavity | Board layer Board type Reaction to fire Board thickness | Single LaDura Plus BA13 A2-s1,d0 12 5 mm | | 75 12.5 | | | | | 75 mm (Rock mi 70 kg/m PregyVa LaDura I | C stud neral wool ³ - 60 mm por BA13 Plus BA13 | |
| Inner side | Board layer Board type | Inner PregyVapor BA13 | Outer LaDura Plus BA13 | | | | | Spacing | Maximum | height [m] | |
| | Board thickness | Az-s1,d0 12,5 mm | A2-51,d0 12,5 mm | | | | | [cm] 60 | Ŀ | 3,5 | |
| Motal framo | Outer side | 150 mm AQB C studs 0,6 n | nm thick | | Remarks: | | 47-149-50 | 40 30 | 3 3,5 | 4 4 | |
| | Inner side | Simple 75 mm C studs at 6 | 0 cm maximum spacing | | All performance data or substitution of an | a and system specifications are to yother manufacturers material | for system constructed with or component invalidates | n materials and o both test data a | components as sl nd system perfor | nown. The inclusion mance. | |
| | Outer side | Rock wool 110 kg/m ³ dens | ity, 120 mm thick |] | Maximum heights ar daN/m ² uniform win maximum heights ac | e for system considering an hor of pressure. For different loads p coording to Fire Test Report. | rizontal load of 1 kN/m imp please contact Siniat Italy T | osed at 1,20 m f echnical Divisior | neight above the n. Heights in table | floor and 100 already satisfy | |
| Insulation | Inner side | Rock wool 70 kg/m ³ densit | ry, 60 mm thick | | The information is pu it is believed to be co to its suitability as w design responsibility documentation servi | rovided in good faith and is bas prrect, we accept no liability for e do not accept responsibility for rests entirely with the recipient ice. | ed upon details received, w its accurancy, adequacy or or any claims or consequen ts who should then produc | which are assume completeness. I tial loss. Accepta e accepted detai | ed to include all r Recipients must s ance of the conte Is on their own C | elevant facts. While atisfy themselves as nt and subsequent company | |
| Exterior finishing | Adesivo&Rasante AquaBoard base of coat according to Siniat instructions | coat with AquaBoard fiber gla s. | ass reinforcing mesh and Mapei finish | | Airborne sound insu bridges (peripheral t | lation Rw is related to test cond ransmissions through floors, ce | litions. Actual acoustic perf ilings, corners) and by impe | ormance in situ erfections in inst | (R'w) is influence allation. | d by acoustic | |
| | Specification: | | | <u> </u> | None of the content | may be copied directly without | prior approval from Siniat | Italy Technical D | livision | |] |
| | AquaBoard infill wall 300 mm thick: outer frame. One 12,5 mm thick Pre Outer metal frame composed by 15 Inner metal frame composed by Pre Partition maximum height: 4 m Airborne Sound Insulation Rw: 67 d Thermal transmittance U: 0.1648 W | : one 12,5 mm thick LaDura P egyVapor BA13 as inner layer 50 mm PregyMetalAquaBoarc egyMetal 75 mm U tracks 0,6 B //m²K | lus BA13 as inner layer and one 12,5 mm and one 12,5 mm thick LaDura Plus BA1 I U tracks 1 mm thick and 150 mm Pregyl mm thick and Simple 75 mm C studs at 6 | thick PregyAqual 3 as outer layer o MetalAquaBoard 50 cm maximum s | 30ard BA13 as outer layer on t n the inner side. C studs 0,6 mm thick. Cavity: F pacing. Cavity: Rock wool 70 k | he outer side, one 12,5 r Rock wool 110 kg/m³ der kg/m³ density, 60 mm thi | mm thick LaDura Plus nsity, 120 mm thick. ick. | s BA13 in the | cavity, screw | ved on the | |
| | Fire rating: El 120 - Test report IG n. | . 297596/3457 FR + FT 31066 | 1 | | | | | | | |] |

Drywall Specs book

AquaBoard infill wall



Adesivo&Rasante base coat + reinforcing mesh + finish coat PregyAquaBoard BA13 LaDura Plus BA13 150 mm Aluzinc C stud PregyMetalAquaBoard

Rock mineral wool 110 kg/m³ - 120 mm

4

4

AQB-1 325/M150 + M100 - 1 PV BA13 + 3 LaDura BA13 + 1 AQB BA13 - RW/120 + RW/80

| | | | | 4 | | |
|--------------------|---|--------------------------------------|---|----------------------------|--|---|
| | Wall thickness | 325 mm | | 5 | ¥ T ¥ | |
| | Max wall height | 4.00 m | | 12.5 | The second se | 12 - 12 - 12 - 13 - 13 - 13 - 13 - 13 - |
| | Airborne sound insulation Rw | 68 dB | | | | \sim |
| System | Thermal transmittance U | 0.139 W/m ² K | | | · · · · · · · · · · · · · · · · · · · | |
| performances | Thermal resistance R | 7.19 m ² K/W | | | | |
| | Periodic thermal transmittance Vie | 0.031 W/m ² K | | | VAVAUUUU AVAVAVAUUUUUUAVAVA | |
| | Thermal phase shifting | 9h 30' | | 150 | MANANANANA IANAYANANA ANA IANANANA | ANANAN |
| | Fire rating | El 120 - Test report IG n. 2 | 97596/3457 FR + FT 310661 | | NRBAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA | |
| | | • | | | | 111111 |
| | Board layer | Inner | Outer | 325 | | |
| Outer side | Board type | LaDura Plus BA13 | PregyAquaBoard BA13 | 12.5 | an a | |
| outer side | Reaction to fire | A2-s1,d0 | A2-s1,d0 | ★- | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | |
| | Board thickness | 12,5 mm | 12,5 mm | | | |
| | D | | | | | |
| | Board type | Singlé | | 100 | VAYAYAYAYAYAYAYAYAYAYAYAYAYAYAYAYA | AN WWWWW |
| Board in cavity | Boartian to fire | | | IV V | | VVVVVV |
| | Reaction to fire | A2-S1,00 | | | | Mult |
| | Board thickness | 12,5 mm | | 12.5 | | ALA |
| | Board laver | Inner | Outer | 12.5 | | 九 |
| | Board type | Pregyl/anor BA13 | LaDura Plus BA13 | | | |
| Inner side | Beaction to fire | A2-s1 d0 | A2-s1 d0 | | | Outer frame s |
| | Board thickness | 12 5 mm | 12 5 mm | | | outer nume s |
| | | | | → ¬ | | 17.1.10.50 |
| | Outer side | 150 mm AQB C studs 0,6 n | nm thick | | Remarks: | 47-149-50 |
| Metal frame | | | | 1 | All performance data and system specifications are t | for system construct |
| | Inner side | Simple 100 mm C studs at | 60 cm maximum spacing | | or substitution of any other manufacturers material | or component invali |
| | | | | <u> </u> | Maximum heights are for system considering an hor | rizontal load of 1 kN/ |
| | Outer side | Rock wool 110 kg/m ³ dens | ity, 120 mm thick | | maximum heights according to Fire Test Report. | please contact Siniat |
| Insulation | | | | - | The information is provided in good faith and is base it is balloued to be served, we accept an liability for | ed upon details rece |
| | Inner side | Rock wool 70 kg/m ³ densi | ty. 80 mm thick | | to its suitability as we do not accept responsibility for | or any claims or cons |
| | | | | | design responsibility rests entirely with the recipient documentation service. | ts who should then p |
| | Adesivo&Rasante AquaBoard base c | oat with AguaBoard fiber gl | ass reinforcing mesh and Mapei finish | Ţ | Airborne sound insulation Rw is related to test cond | litions Actual acoust |
| Exterior finishing | coat according to Siniat instructions | | | | bridges (peripheral transmissions through floors, cei | ilings, corners) and b |
| | | | | - | None of the content may be copied directly without | prior approval from |
| | Specification: | | | | | |
| | A mus Dala and in fill world 225 many thirds. | | he DA12 incertance and and 12 5 | | | |
| | Aquaboard Infill Wall 325 mm thick: | one 12,5 mm thick Labura P | ius BA13 as inner layer and one 12,5 mm | a thick PregyAquaBoard B | A13 as outer layer on the outer side, one 12,5 r | mm thick LaDura |
| | Outer mathe. One 12,5 mm thick Pre | gyvapur BA13 as miner layer | and one 12,5 mm thick Labura Plus BAL | S as outer layer on the In | ner side. O 6 mm thick: Cavity: Back wool 110 kg/m ³ dar | scitu 120 mm +L |
| | Inner metal frame composed by 15 | min PregvivietaiAquaBoar | 6 mm thick and Simple 100 mm C stude | ivietaiAquaboaru C Studs | u, o mini tinck. Cavity: Kock wool 110 kg/m° den | thick |
| | Dartition maximum height: 4 st | gyivietai 100 mm 0 tracks 0, | o min trick and simple 100 mm C studs a | at oo cm maximum spacir | ig. Cavity. NOCK WOOL /U Kg/III- density, 80 mm | UNICK. |
| | Airbarna Sound Insulation Due Co.dS | | | | | |
| | Airborne Sound Insulation RW: 68 de | 5 m ² K | | | | |
| | Fine metine: 51420 To it 0,139 W/I | | 4 | | | |
| | Fire rating: EI 120 - Test report IG n. | 29/390/345/ FR + FI 31066 | L | | | |



40

30

3

3,5

instructed with materials and components as shown. The inclusion nt invalidates both test data and system performance.

of 1 kN/m imposed at 1,20 m height above the floor and 100 t Siniat Italy Technical Division. Heights in table already satisfy

ils received, which are assumed to include all relevant facts. While , adequacy or completeness. Recipients must satisfy themselves as or consequential loss. Acceptance of the content and subsequent d then produce accepted details on their own Company

I acoustic performance in situ (R'w) is influenced by acoustic s) and by imperfections in installation.

al from Siniat Italy Technical Division

LaDura Plus BA13 in the cavity, screwed on the mm thick.

Siniat Italy Technical Division

| | | | Drywall | Specs book | | | | | * siniat |
|------------------------|--|---|--|--|---|---|---|---|--|
| | | | AquaBoard infill wall with exteri | or insulation finit | shing system (EIFS) | | | | Statist Lie we build that |
| | | | AQB-2 248/M150 - 1 PV BA13 + 1 | LaDura BA13 + 1 | AQB BA13 - RW/120 | | | | |
| System performances | Wall thickness Max wall height Airborne sound insulation Rw Thermal transmittance U Thermal resistance R Periodic thermal transmittance Yi Thermal phase shifting Fire rating | 247,5 mm 5,00 m 57 dB 0,186 W/m ² K 5,36 m ² K/W ie 0,080 W/m ² K 8h 8' - | | 5 50 5 12.5 247.5 | | | | | Adesivo&Rasante base coat + reinforcing mesh + finish coat EPS 50 mm Adesivo&Rasante PregyAquaBoard BA13 150 mm Aluzinc C stud PregyMetalAquaBoard |
| Outer side | Board layer Board type Reaction to fire Board thickness | Single PregyAquaBoard BA13 A2-s1,d0 12,5mm | | 150 | | | | | Rock mineral wool 150 kg/m ³ - 120 mm |
| Inner side | Board layer Board type Reaction to fire Board thickness | Inner PregyVapor BA13 A2-s1,d0 12,5mm | Outer LaDura Plus BA13 A2-s1,d0 12,5 mm | 12.5 | | A dependente | .6459.A | Mavim | PregyVapor BA13 LaDura Plus BA13 |
| Metal frame | Stud type | 150 mm AQB C studs 0,6 m | m thick | | | Studs | Spacing [cm] | | |
| Insulation | In the cavity | Rock wool 150 kg/m ³ densi | ty, 120 mm thick | | | 47-149-50 | 40 30 | 3 | <u> </u> |
| Exterior finishing | 50 mm thick EPS insulation board adhesive.Exterior coating made w reinforcing mesh and Mapei finish | s secured to the substrate with vith Adesivo&Rasante AquaBoar n coat according to Siniat instru | Adesivo&Rasante AquaBoard d base coat with AquaBoard fiber glass ctions. | | Remarks: All performance data and system specifications are or substitution of any other manufacturers materia Maximum heights are for system considering an hc daN/m ² uniform wind pressure. For different loads | e for system constructed with al or component invalidates prizontal load of 1 kN/m imp please contact Siniat Italy T | n materials and both test data osed at 1,20 m echnical Divisio | l components a and system per height above t m. | s shown. The inclusion <i>io</i> rmance. he floor and 100 |
| | | | | | The information is provided in good faith and is ba it is believed to be correct, we accept no liability fo to its suitability as we do not accept responsibility I design responsibility rests entirely with the recipier documentation service. | sed upon details received, w r its accurancy, adequacy or for any claims or consequen nts who should then produc | hich are assum completeness. tial loss. Accep e accepted det | ned to include a Recipients must tance of the cor ails on their ow | II relevant facts. While it satisfy themselves as itent and subsequent n Company |
| | | | | | Airborne sound insulation Rw is related to test con influenced by acoustic bridges (peripheral transmis in installation. None of the content may be copied directly withou | ditions. Actual acoustic perf ssions through floors, ceiling ut prior approval from Siniat | ormance in situ s, corners) and Italy Technical | ı (R'w) is by imperfectio Division | ns |
| | Specification: | | | | · · · / | | | | |
| | AquaBoard infill wall with exterio BA13 as outer layer on the inner s Metal frame composed by 150 m Exterior insulation finishing syster fiber glass reinforcing mesh and N | r insulation finishing system (EIf side. m PregyMetalAquaBoard U trac m composed by 50mm thick EP Aapei finish coat according to Si | FS) 247,5 mm thick: one 12,5 mm thick Pr ks 1 mm thick and 150 mm PregyMetalA S insulation boards secured to the substr iniat instructions. | regyAquaBoard BA quaBoard C studs (rate with Adesivo& | 13 on the outer side and one 12,5 mm thick PregyVa 0,6 mm thick. Cavity: Rock wool 150 kg/m³ density, Rasante AquaBoard adhesive.Exterior coating made | apor BA13 as inner lay 120 mm thick. e with Adesivo&Rasan | ver and one te AquaBoa | 12,5 mm th rd base coa | ick LaDura Plus t with AquaBoard |
| | Partition maximum height: 5 m Airborne Sound Insulation Rw: 57 Thermal transmittance U: 0,1864 Fire rating: - | dB W/m²K | | | | | | | |

| | | | Drywall AquaBo | l Specs book bard infill wall | | | | | SIC SIC |
|------------------------|---|---|---|---|--|--|--|--|--|
| | | | AQB-1 240/M100 + M75 - 1 PV BA13 | 3 + 1 AQB BA13 | + 2 S-tex - RW/80 + RW/60 | | | | |
| System performances | Wall thickness Max wall height Airborne sound insulation Rw Thermal transmittance U Thermal resistance R Periodic thermal transmittance Yie Thermal phase shifting Fire rating | 240 mm 4,00 m 68 dB 0,200 W/m²K 5,00 m²K/W 0,090 W/m²K 7h 17' | | 5 12.5 100 | | | | A + P 1 P R 1 | idesivo&Rasante base coat reinforcing mesh + finish c regyAquaBoard BA13 00 mm Aluzinc C stud regyMetalAquaBoard lock mineral wool .10 kg/m ³ - 80 mm |
| Outer side | Board layer Board type Reaction to fire Board thickness | Single PregyAquaBoard BA13 A2-s1,d0 12,5 mm | | 240 12.5 | | | | 5 7 8 7 7 | olidtex '5 mm C stud lock mineral wool '0 kg/m ³ - 60 mm |
| Board in cavity | Board layer Board type Reaction to fire Board thickness | Single Solidtex A2-s1,d0 12,5 mm | | 12.5 | | | • | P S | regyVapor BA13 olidtex |
| Inner side | Board layer Board type Reaction to fire Board thickness | Inner PregyVapor BA13 A2-s1,d0 12,5 mm | Outer Solidtex A2-s1,d0 12,5 mm | | | Outer frame studs | Spacing [cm] | Maximu | m height [m] |
| Metal frame | Outer side | 100 mm AQB C studs 0,6 r | nm thick | | Remarks: All performance data and system specifications are | 47-99-50 | 40 30 | - 2,85 | 3,5 4 |
| | Inner side | Simple 75 mm C studs at 6 | o cm maximum spacing | | or substitution of any other manufacturers materia Maximum heights are for system considering an ho | l or component invalidates | both test data and | i system perfo eight above th | ormance. re floor and 100 |
| Insulation | Outer side | Rock wool 110 kg/m³ dens | ity, 80 mm thick ty, 60 mm thick | | The information is provided in good faith and is ba- it is believed to be correct, we accept no liability fo to its suitability as we do not accept responsibility f design responsibility rests entirely with the recipier documentation service. | sed upon details received, v r its accurancy, adequacy o ior any claims or consequer its who should then produc | vhich are assumed completeness. Re tial loss. Acceptan e accepted details | l to include all ecipients must nee of the con s on their owr | l relevant facts. While t satisfy themselves as itent and subsequent 1 Company |
| Exterior finishing | Adesivo&Rasante AquaBoard base of coat according to Siniat instructions | coat with AquaBoard fiber gl s. | ass reinforcing mesh and Mapei finish | | Airborne sound insulation Rw is related to test con bridges (peripheral transmissions through floors, co | ditions. Actual acoustic per eilings, corners) and by imp | ormance in situ (F erfections in instal | ťw) is influen llation. | ced by acoustic |
| | Specification: AquaBoard infill wall 240 mm thick: thick Solidtex as outer layer on the Outer metal frame composed by IO Inner metal frame composed by Pre Partition maximum height: 4 m Airborne Sound Insulation Rw: 68 d Thermal transmittance U: 0,2 W/m Fire rating: - | one 12,5mm thick PregyAq inner side.)0mm PregyMetalAquaBoar egyMetal 75mm U tracks 0,6 B ² K | uaBoard BA13 on the outer side, one 12, d U tracks 1 mm thick and 100 mm Pregy mm thick and Simple 75 mm C studs at | 5 mm thick Solidi yMetalAquaBoarc 60 cm maximum | None of the content may be copied directly withou tex in the cavity, screwed on the outer frame. One 12,5 I C studs 0,6 mm thick. Cavity: Rock wool 110 kg/m ³ de spacing. Cavity: Rock wool 70 kg/m ³ density, 60 mm th | t prior approval from Siniat 6 mm thick PregyVapo nsity, 80 mm thick. iick. | Italy Technical Div | er layer an | id one 12,5 mm |

Drywall Specs book * siniat AquaBoard infill wall AQB-1 250/M100 + M75 - 1 PV BA13 + 1 AQB BA13 + 3 S-tex - RW/80 + RW/60 Adesivo&Rasante base coat Wall thickness 250 mm + reinforcing mesh + finish coat Max wall height 4.00 m 12.5 PregyAguaBoard BA13 Airborne sound insulation Rw 70 dB Thermal transmittance U 0,200 W/m²K System 100 mm Aluzinc C stud performances Thermal resistance R 5,00 m²K/W PregyMetalAguaBoard Periodic thermal transmittance Yie 0.060 W/m²K 100 Thermal phase shifting 8h 14' Rock mineral wool 110 kg/m3 - 80 mm Fire rating -250 12.5 Solidtex Board layer Single 12.5 PregyAquaBoard BA13 Board type Outer side Reaction to fire A2-s1.d0 75 mm C stud Board thickness 12,5 mm 75 Rock mineral wool 70 kg/m³ - 60 mm Board layer Double Board type Solidtex PregyVapor BA13 12.5 Board in cavity Reaction to fire A2-s1.d0 12.5 Solidtex Board thickness 12,5 mm Board layer Inner Outer Solidtex Maximum height [m] Board type PregyVapor BA13 Inner side Spacing Outer frame studs Reaction to fire A2-s1,d0 A2-s1,d0 [cm] Board thickness 12,5 mm 12,5 mm 60 2,85 47-99-50 40 3,5 100 mm AQB C studs 0,6 mm thick 2,85 Outer side 30 Remarks: Metal frame All performance data and system specifications are for system constructed with materials and components as shown. The inclusion Inner side Simple 75 mm C studs at 60 cm maximum spacing or substitution of any other manufacturers material or component invalidates both test data and system performance. Maximum heights are for system considering an horizontal load of 1 kN/m imposed at 1,20 m height above the floor and 100 daN/m² uniform wind pressure. For different loads please contact Siniat Italy Technical Division Outer side Rock wool 110 kg/m³ density, 80 mm thick The information is provided in good faith and is based upon details received, which are assumed to include all relevant facts. While Insulation it is believed to be correct, we accept no liability for its accurancy, adequacy or completeness. Recipients must satisfy themselves as to its suitability as we do not accept responsibility for any claims or consequential loss. Acceptance of the content and subsequent Rock wool 70 kg/m³ density, 60 mm thick Inner side design responsibility rests entirely with the recipients who should then produce accepted details on their own Company documentation service. Adesivo&Rasante AquaBoard base coat with AquaBoard fiber glass reinforcing mesh and Mapei finish Airborne sound insulation Rw is related to test conditions. Actual acoustic performance in situ (R'w) is influenced by acoustic Exterior finishing bridges (peripheral transmissions through floors, ceilings, corners) and by imperfections in installation. coat according to Siniat instructions. None of the content may be copied directly without prior approval from Siniat Italy Technical Division Specification:

AquaBoard infill wall 250 mm thick: one 12,5 mm thick PregyAquaBoard BA13 on the outer side, two 12,5 mm thick Solidtex in the cavity, screwed on the outer frame. One 12,5 mm thick PregyAqor BA13 as inner layer and one 12,5 mm thick Solidtex as outer layer on the inner side. Outer metal frame composed by 100 mm PregyMetalAquaBoard U tracks 1 mm thick and 100 mm PregyMetalAquaBoard C studs 0,6 mm thick. Cavity: Rock wool 110 kg/m³ density, 80 mm thick. Inner metal frame composed by PregyMetal 75 mm U tracks 0,6 mm thick and Simple 75 mm C studs at 60 cm maximum spacing. Cavity: Rock wool 70 kg/m³ density, 60 mm thick. Partition maximum height: 4 m Airborne Sound Insulation Rw: 70 dB Thermal transmittance U: 0,2 W/m²K Fire rating: -

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Drywall Specs book AquaBoard infill wall AQB-1 265/M100 + M100 - 1 PV BA13 + 1 AQB BA13 + 2 S-tex - RW/80 + RW/80 Adesivo&Rasante base coat 265 mm + reinforcing mesh + finish coat * 5 * 4,00 m 2

Wall thickness

| | Max wall height | 4,00 m | | * | 5 | | | | | PregyAquaBoard BA13 |
|--------------------|--|---|--|---------|---------------|---|--|-----------------------|-------------------------|-------------------------------|
| | Airborne sound insulation Rw | 68 dB | | | 1 | monoblem | mmm | mm | $\overline{\mathbf{n}}$ | |
| System | Thermal transmittance U | 0,180 W/m²K | | | | | | | A | 100 mm Aluzinc C stud |
| performances | Inermal resistance R | 5,50 III ⁻ N/ W | | | 100 | | MAMMAN | | IN | PregyMetalAquaBoard |
| | Thermal phase shifting | 0,070 W/III K 7h 51' | | | 100 | | MAMANAN | MMMM | M | Pock mineral wool |
| | Fire rating | - | | | | V V V V V V V V V V V V V V V V V V V | **** | VVV ++ | + | 110 kg/m ³ - 80 mm |
| | e rotalig | | | 1 | - | mmmmmmm | uuuu | uu | | |
| | Board layer | Single | | 265 | 5 12.5 | Δ | | | - | Solidtex |
| Outorsido | Board type | PregyAquaBoard BA13 | | | | mmmmmmm | min | | | |
| Outer side | Reaction to fire | A2-s1,d0 | | | | | | | A | |
| | Board thickness | 12,5 mm | | | | \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ | | | T | 100 mm C stud |
| | <u> </u> | | | - | 100 | | V V V V V V V V V | MANA | | No. I was a second second |
| | Board layer | Single | | | | | | VVV | + | Rock mineral wool |
| Board in cavity | Board type | Solidtex | | | | | UUI al al | μ | U | 70 kg/m² - 80 mm |
| , | Reaction to fire | A2-s1,d0 | | | 12.5 | | AIR | | -77 | PregyVapor BA13 |
| | Board thickness | 12,5 mm | | | 12.5 | | 1 | • | | Solidtex |
| | | | | NO T | | | | | | |
| | Board layer | Inner | Outer | | | | | | 10 | |
| Inner side | Board type | PregyVapor BA13 | Solidtex | | | | | Spacing | Maxim | um height [m] |
| | Reaction to fire | A2-s1,d0 | A2-s1,d0 | | | | Outer frame studs | [cm] | | |
| | Board thickness | 12,5 mm | 12,5 mm | ļ | | | | | | |
| - | | | | т | | | 47-99-50 | 60 | | 2,85 |
| | Outer side | 100 mm AOB C studs 0.6 mm | thick | | | | 47 55 50 | 30 | 2.85 | 4 |
| Metal frame | | | | | | Remarks: | | | | |
| Wetarmanie | Inner side | Simple 100 mm C stude at 60 | cm maximum chacing | | | All performance data and system specifications are f | or system constructed with | materials and con | nponents a | as shown. The inclusion |
| | limer side | Simple 100 min c studs at oc | cin maximum spacing | | | or substitution of any other manufacturers material | or component invalidates b | oth test data and | system per | formance. |
| | 1 | | | 1 | | Maximum heights are for system considering an hor | izontal load of 1 kN/m impo | osed at 1.20 m heir | ght above f | the floor and 100 |
| | | | | I | | daN/m ² uniform wind pressure. For different loads p | please contact Siniat Italy Te | chnical Division. | , | |
| | Outer side | Rock wool 110 kg/m ³ density | , 80 mm thick | | | | | | | |
| Insulation | | | | | | The information is provided in good faith and is base it is believed to be correct, we accent no liability for | ed upon details received, wh its accurancy, adequacy or (| hich are assumed t | o include a | all relevant facts. While |
| | Inner side | Rock wool 70 kg/m ³ density, | 80 mm thick | | | to its suitability as we do not accept responsibility fo | or any claims or consequent | ial loss. Acceptanc | e of the co | intent and subsequent |
| | | | | | | design responsibility rests entirely with the recipient documentation service | s who should then produce | accepted details of | on their ow | in Company |
| | 1 | | | т | | | | | | |
| Exterior finishing | Adesivo&Rasante AquaBoard base of | coat with AquaBoard fiber glass | reinforcing mesh and Mapei finish | | | Airborne sound insulation Rw is related to test cond | itions. Actual acoustic perfo | ormance in situ (R' | w) is influe | nced by acoustic |
| | coat according to Siniat instructions | 5. | | | | bridges (peripheral transmissions through floors, cei | lings, corners) and by imper | rfections in installa | tion. | |
| | | | | | | None of the content may be copied directly without | prior approval from Siniat I | taly Technical Divi | ion | |
| | Specification: | | | | | | | | | |
| | | | | | | | | | | |
| | AquaBoard infill wall 265 mm thick: | one 12,5 mm thick PregyAqua | Board BA13 on the outer side, one 12,5 | mm tl | hick Solidte: | x in the cavity, screwed on the outer frame. One 12,5 | mm thick PregyVapo | r BA13 as inne | r layer a | nd one 12,5 mm |
| | thick Solidtex as outer layer on the i | inner side. | | | | | | | | |
| | Outer metal frame composed by 10 | 0 mm PregyMetalAquaBoard L | tracks 1 mm thick and 100 mm Pregy | vietalA | quaBoard C | studs 0,6 mm thick. Cavity: Rock wool 110 kg/m ³ den | isity, 80 mm thick. | | | |
| | Inner metal frame composed by Pre | egyMetal 100 mm U tracks 0,6 | nm thick and Simple 100 mm C studs a | t 60 cr | n maximum | spacing. Cavity: Rock wool 70 kg/m ³ density, 80 mm | thick. | | | |
| | Partition maximum height: 4 m | _ | | | | | | | | |
| | Airborne Sound Insulation Rw: 68 dl | B - 214 | | | | | | | | |
| | Thermal transmittance U: 0,18 W/m | 1°K | | | | | | | | |
| | Fire rating: - | | | | | | | | | |

Siniat Italy Technical Division

* siniat

| | | | Drywall AguaBo | Specs book | | | | | * sinial |
|------------------------|---|--|---|--|--|--|---|--|---|
| | | AC | 2B-1 275/M100 + M100 - 1 PV BA1 | 3 + 1 AQB BA13 + | 3 S-tex - RW/80 + RW/80 | | | | - |
| System performances | Wall thickness Max wall height Airborne sound insulation Rw Thermal transmittance U Thermal resistance R Periodic thermal transmittance Yie Thermal phase shifting Fire rating | 275 mm 4,00 m 70 dB 0,180 W/m ² K 5,56 m ² K/W 0,050 W/m ² K 8h 43' | | 5 5 12.5 100 | | | | Adesivo&Rasa + reinforcing n - PregyAquaBoa 100 mm Aluzin PregyMetalAq _ Rock mineral n 110 kg/m ³ - 8(| inte base coat nesh + finish coat ard BA13 nc C stud juaBoard wool 0 mm |
| Outer side | Board layer Board type Reaction to fire Board thickness | Single PregyAquaBoard BA13 A2-s1,d0 12,5 mm | | 275 12.5 | | | | Solidtex 100 mm C stur | d |
| Board in cavity | Board layer Board type Reaction to fire Board thickness | Double Solidtex A2-s1,d0 12,5 mm | | 12.5 | | | | Rock mineral v 70 kg/m³ - 80 PregyVapor B/ Solidtex | wool mm A13 |
| Inner side | Board layer Board type Reaction to fire Board thickness | Inner PregyVapor BA13 A2-s1,d0 12,5 mm | Outer Solidtex A2-s1,d0 12,5 mm | | l. | Outer frame studs | Spacing [cm] Maxi | imum height [m] | |
| Metal frame | Outer side | 100 mm AQB C studs 0,6 mm | 1 thick | | Remarks: | 47-99-50 | 40 - 30 2,85 | 3,5 4 | |
| | Inner side | Simple 100 mm C studs at 60 |) cm maximum spacing | | All performance data and system specifications are or substitution of any other manufacturers material | for system constructed with I or component invalidates | n materials and component both test data and system p | s as shown. The inclusion performance. | n |
| Insulation | Outer side | Rock wool 110 kg/m³ density, Rock wool 70 kg/m³ density, | | | Maximum heights are for system considering an ho daN/m ² uniform wind pressure. For different loads The information is provided in good faith and is bas it is believed to be correct, we accept no liability for to its suitability as we do not accept responsibility of doine necessibility end to be confident with the engine | rizontal load of 1 kN/m imp please contact Siniat Italy T sed upon details received, w r its accurancy, adequacy or or any claims or consequen | osed at 1,20 m height abov echnical Division. hich are assumed to includ completeness. Recipients r tial loss. Acceptance of the accepted details on the | e the floor and 100 le all relevant facts. While must satisfy themselves a content and subsequent | e 15 2 |
| Exterior finishing | Adesivo&Rasante AquaBoard base coat according to Siniat instruction | coat with AquaBoard fiber glass s. | reinforcing mesh and Mapei finish | | Airborne sound insulation Rw is related to test conc bridges (peripheral transmissions through floors, ce | ditions. Actual acoustic perfe | ormance in situ (R'w) is infl | luenced by acoustic | |
| | Specification: AquaBoard infill wall 275 mm thick: thick Solidtex as outer layer on the Outer metal frame composed by 10 Inner metal frame composed by Pre Partition maximum height: 4 m Airborne Sound Insulation Rw: 70 d Thermal transmittance U: 0,18 W/n Fire retign | one 12,5mm thick PregyAqual inner side. 10mm PregyMetalAquaBoard L egyMetal 100mm U tracks 0,6 i B n ² K | 30ard BA13 on the outer side, two 12, I tracks 1 mm thick and 100 mm Pregy mm thick and Simple 100 mm C studs - | 5 mm thick Solidtex /MetalAquaBoard C at 60 cm maximum | None of the content may be copied directly without in the cavity, screwed on the outer frame. One 12,5 studs 0,6 mm thick. Cavity: Rock wool 110 kg/m³ der spacing. Cavity: Rock wool 70 kg/m³ density, 80 mm | t prior approval from Siniat 5 mm thick PregyVapc nsity, 80 mm thick. thick. | italy Technical Division | and one 12,5 mm | |

| | | | Drywall | l Spec | s book | | | | | | | * siniat |
|------------------------|--|--|--|---------------------------------|---|---|---|---|---|---|---|-------------------------------------|
| | | | AquaBo | bard inf | fill wall | | | | | | | thad ag the way pargin had |
| | | A | QB-1 290/M150 + M75 - 1 PV BA13 | + 1 AQ | B BA13 + | 2 S-tex - RW/120 + R | W/60 | | | | | |
| | | | | * | - 5 *- | | Statement in Statement and service and statement of the service | | | 4 | Adesivo&Rasar + reinforcing m | ite base coat iesh + finish coat |
| System performances | Wall thickness Max wall height Airborne sound insulation Rw Thermal transmittance U Thermal resistance R Periodic thermal transmittance Yie | 290 mm 5,00 m 69 dB 0,150 W/m ² K 6,67 m ² K/W 0,050 W/m ² K | | | 12.5 | | | | • | | PregyAquaBoar 150 mm Aluzin PregyMetalAqu | d BA13 c C stud JaBoard |
| | Thermal phase shifting Fire rating Board layer | 9h 29' - Single | | 290 | | | | | | | Rock mineral w 110 kg/m³ - 120 | ool 0 mm |
| Outer side | Board type Reaction to fire Board thickness | PregyAquaBoard BA13 A2-s1,d0 12,5 mm | | | 12.5 | | | | • | | Solidtex | |
| Board in cavity | Board layer Board type Reaction to fire Board thickness | Single Solidtex A2-s1,d0 12,5 mm | | | 75 12.5 | | | | ļ | | 75 mm C stud Rock mineral w 70 kg/m ³ - 60 n PregyVapor BA Solidtex | rool nm 13 |
| Inner side | Board layer Board type Reaction to fire Board thickness | Inner PregyVapor BA13 A2-s1,d0 12,5 mm | Outer Solidtex A2-s1,d0 12,5mm | | - | | | Outer frame studs | Spacing [cm] | Maxir | num height [m] | |
| Motal frame | Outer side | 150 mm AQB C studs 0,6 m | m thick | | | Remarks: | | 47-149-50 | 60 40 30 | - 3 3,5 | 3,5 4,3 5 | |
| | Inner side | Simple 75 mm C studs at 60 maximum spacing | 0 cm (40 cm for height > 4 m) cm | | | All performa or substituti | ance data and system specifications a ion of any other manufacturers mate | are for system constructed wi rial or component invalidates | h materials and both test data | l components and system pe | as shown. The inclusion erformance. | |
| | Outer side | Rock wool 110 kg/m ³ densi | ty, 120 mm thick | | | Maximum h daN/m² uni | eights are for system considering an form wind pressure. For different loa | horizontal load of 1 kN/m im Ids please contact Siniat Italy | oosed at 1,20 m Fechnical Divisio | n height above on. | the floor and 100 | |
| Insulation | Inner side | Rock wool 70 kg/m³ densit | y, 60 mm thick | | | The informa it is believed to its suitab design resp documentat | tion is provided in good faith and is d to be correct, we accept no liability lilty as we do not accept responsibili possibility rests entirely with the recip- cion service. | based upon details received, for its accurancy, adequacy c ty for any claims or conseque ients who should then produ | vhich are assun r completeness ntial loss. Accep re accepted det | ned to include . Recipients m tance of the c ails on their o | all relevant facts. While ust satisfy themselves as ontent and subsequent wn Company | ; |
| Exterior finishing | Adesivo&Rasante AquaBoard base of coat according to Siniat instructions | coat with AquaBoard fiber gla 5. | ss reinforcing mesh and Mapei finish | | | Airborne so bridges (per | und insulation Rw is related to test o ipheral transmissions through floors | onditions. Actual acoustic per , ceilings, corners) and by imp | formance in situ erfections in ins | u (R'w) is influ stallation. | enced by acoustic | |
| | Specification: | | | | | None of the | content may be copied directly with | out prior approval from Sinia | Italy Technical | Division | |] |
| | AquaBoard infill wall 290 mm thick: thick Solidtex as outer layer on the i Outer metal frame composed by 15 Inner metal frame composed by Pre Partition maximum height: 5 m Airhorne Sound Insulation Rw: 69 dl | one 12,5 mm thick PregyAqu inner side. 60 mm PregyMetalAquaBoard egyMetal 75 mm U tracks 0,6 B | aBoard BA13 on the outer side, one 12, U tracks 1 mm thick and 150 mm Pregy mm thick and Simple 75 mm C studs at (| 5 mm th /MetalAi 60 cm (4 | hick Solidte quaBoard (40 cm for H | x in the cavity, screwed C studs 0,6 mm thick. C leight > 4 m) cm maxim | d on the outer frame. One 1: avity: Rock wool 110 kg/m ³ (uum spacing. Cavity: Rock wo | 2,5 mm thick PregyVap density, 120 mm thick. ool 70 kg/m³ density, 6 | or BA13 as ii) mm thick. | nner layer | and one 12,5 mm | |
| | Thermal transmittance U: 0,15 W/n Fire rating: - | – n²K | | | | | | | | | | |

| | | | Drywall AguaBoa | Specs book ard infill wall | | | | | * siniat |
|------------------------|---|---|---|---|--|---|--|---|-----------------------------------|
| | | A | QB-1 300/M150 + M75 - 1 PV BA13 + | + 1 AQB BA13 + 3 | S-tex - RW/120 + RW/60 | | | | |
| | | | | *- 5 *- | | | | Adesivo&Rasante + reinforcing mes | e base coat sh + finish coat |
| System performances | Wall thickness Max wall height Airborne sound insulation Rw Thermal transmittance U Thermal resistance R Periodic thermal transmittance Yie Thermal phase shifting Fire rating | 300 mm 5,00 m 71 dB 0,150 W/m²K 6,67 m²K/W 0,030 W/m²K 10h 19' | | 12,5 | | | | PregyAquaBoard 150 mm Aluzinc (PregyMetalAqual Rock mineral woo 110 kg/m³ - 120 r | BA13 Stud Board Dl mm |
| Outer side | Board layer Board type Reaction to fire Board thickness | Single PregyAquaBoard BA13 A2-s1,d0 12,5mm | | 300 12.5 12.5 | | | | Solidtex 75 mm C stud | |
| Board in cavity | Board layer Board type Reaction to fire Board thickness | Double Solidtex A2-s1,d0 12,5 mm | | 12.5 12.5 | | | | Rock mineral woo 70 kg/m ³ - 60 mn PregyVapor BA13 Solidtex | וכ ה ג |
| Inner side | Board layer Board type Reaction to fire Board thickness | Inner PregyVapor BA13 A2-s1,d0 12,5mm | Outer Solidtex A2-s1,d0 12,5 mm | | | Outer frame studs | Spacing [cm] [| aximum height [m] | |
| Metal frame | Outer side | 150 mm AQB C studs 0,6 mr | n thick | | Remarks: | 47-149-50 | 40 30 3 | 3 4,3 ,5 5 | |
| Wetarmanie | Inner side | Simple 75 mm C studs at 60 maximum spacing | cm (40 cm for height > 4 m) cm | | All performance data and system specifications are or substitution of any other manufacturers materia | for system constructed with al or component invalidates l | n materials and compone both test data and system | ents as shown. The inclusion m performance. | |
| Insulation | Outer side | Rock wool 110 kg/m³ densit | y, 120 mm thick | | Maximum heights are for system considering an ho daN/m ² uniform wind pressure. For different loads The information is provided in good faith and is ba: | prizontal load of 1 kN/m imp please contact Siniat Italy T sed upon details received, w | osed at 1,20 m height ab echnical Division. hich are assumed to incl | bove the floor and 100 | |
| | Inner side | Rock wool 70 kg/m ³ density | , 60 mm thick | | it is believed to be correct, we accept no liability fo to its suitability as we do not accept responsibility f design responsibility rests entirely with the recipier documentation service. | r its accurancy, adequacy or for any claims or consequent nts who should then produce | completeness. Recipient tial loss. Acceptance of t e accepted details on the | ts must satisfy themselves as he content and subsequent ir own Company | |
| Exterior finishing | Adesivo&Rasante AquaBoard base of coat according to Siniat instructions | coat with AquaBoard fiber glas 5. | s reinforcing mesh and Mapei finish | | Airborne sound insulation Rw is related to test com- bridges (peripheral transmissions through floors, co | ditions. Actual acoustic perfe eilings, corners) and by impe | ormance in situ (R'w) is i rfections in installation. | nfluenced by acoustic | |
| | Specification: | | | | None of the content may be copied directly withou | n prior approval from Siñiat | italy rechnical División | | 1 |
| | AquaBoard infill wall 300 mm thick: thick Solidtex as outer layer on the Outer metal frame composed by 15 Inner metal frame composed by Pre Partition maximum height: 5 m Airborne Sound Insulation Rw: 71 dl Thermal transmittance U: 0,15 W/n Fire rating: - | one 12,5mm thick PregyAqua inner side. 0mm PregyMetalAquaBoard gyMetal 75mm U tracks 0,6r B n ² K | Board BA13 on the outer side, two 12,5 U tracks 1 mm thick and 150 mm PregyN nm thick and Simple 75 mm C studs at 6 | mm thick Solidtex AetalAquaBoard C 0 cm (40 cm for he | in the cavity, screwed on the outer frame. One 12,5 studs 0,6 mm thick. Cavity: Rock wool 110 kg/m³ de ight > 4 m) cm maximum spacing. Cavity: Rock wool | 5 mm thick PregyVapo nsity, 120 mm thick. I 70 kg/m ³ density, 60 | r BA13 as inner lay mm thick. | rer and one 12,5 mm | |

| | | | Drywall AguaBo | Specs book | | | | | | |
|------------------------|---|---|--|---|---|---|---|---|---|------------------------|
| | | Δ | OB-1 315/M150 + M100 - 1 PV BA13 | + 1 AOB BA13 + | 2 S-tex - RW/120 + RW/80 | | | | | |
| | | <u>^</u> | | | 2 3-64 - KW/120 + KW/50 | | | Adesivo + reinfor | &Rasante bar rcing mesh + | se coat finish coat |
| | Wall thickness | 315 mm | | 12.5 | · | | • | PregyAq | uaBoard BA1 | 13 |
| System performances | Airborne sound insulation Rw Thermal transmittance U Thermal resistance R | 69 dB 0,140 W/m²K 7,14 m²K/W | | 150 | | | | 150 mm PregyMe | Aluzinc C stu etalAquaBoar | ud rd |
| | Periodic thermal transmittance Yie Thermal phase shifting Fire rating | 0,040 W/m²K 10h 2' - | | | | | | Rock mir 110 kg/r | neral wool n ³ - 120 mm | |
| | Board layer | Single | | 315 | · · · · · · · · · | | • | Solidtex | | |
| Outer side | Board type Reaction to fire | PregyAquaBoard BA13 A2-s1.d0 | | t t | | mmmm | m | | | |
| | Board thickness | 12,5 mm | | 100 | | ∧∧ † ∧∧∧∧∧ | | — 100 mm | C stud | |
| | Board layer Board type | Single Solidtex | | | | | VVV | Rock min 70 kg/m | 1eral wool 3 - 80 mm | |
| Board in cavity | Reaction to fire | A2-s1,d0 | | 12.5 | | ununu | ···· | PregvVa | por BA13 | |
| | Board thickness | 12,5 mm | | 12.5 | | A | • | Solidtex | | |
| | Board layer | Inner | Outer | 7 | | | | | | |
| Inner side | Board type | PregyVapor BA13 | Solidtex | | | Outor from a stude | Spacing | Maximu | m height [m] | |
| | Board thickness | A2-51,d0 12,5 mm | A2-51,00 12,5 mm | | | Outer frame studs | [cm] | L | | |
| | | | | | | 47.440.50 | 60 | - | 3,5 | |
| | Outer side | 150 mm AQB C studs 0,6 m | nm thick | | | 47-149-50 | 40 30 | 3 3,5 | 4,3 | |
| Metal frame | Inner side | Simple 100 mm C studs at | 60 cm cm maximum spacing | | Remarks: All performance data and system specifications are or substitution of any other manufacturers materia | for system constructed with al or component invalidates | n materials and both test data | l components as and system perfe | shown. The inclu ormance. | ision |
| | Outer side | Rock wool 110 kg/m ³ dens | ity, 120 mm thick | | Maximum heights are for system considering an ho daN/m ² uniform wind pressure. For different loads | prizontal load of 1 kN/m imp please contact Siniat Italy T | osed at 1,20 m echnical Divisio | n height above th on. | e floor and 100 | |
| Insulation | Inner side | Rock wool 70 kg/m ³ densit | y, 80 mm thick | | The information is provided in good faith and is bat it is believed to be correct, we accept no liability for to its suitability as we do not accept responsibility f design responsibility rests entirely with the recipier documentation service. | sed upon details received, w r its accurancy, adequacy or for any claims or consequen nts who should then produc | which are assun completeness tial loss. Accep e accepted det | ned to include al . Recipients musi tance of the con ails on their own | relevant facts. W t satisfy themselve tent and subsequ Company | /hile es as ient |
| Exterior finishing | Adesivo&Rasante AquaBoard base of coat according to Siniat instructions | coat with AquaBoard fiber gla s. | ss reinforcing mesh and Mapei finish | | Airborne sound insulation Rw is related to test con- bridges (peripheral transmissions through floors, co | ditions. Actual acoustic perf eilings, corners) and by impe | ormance in site erfections in in: | u (R'w) is influen stallation. | ced by acoustic | |
| | | | | _ | None of the content may be copied directly withou | t prior approval from Siniat | Italy Technical | Division | | |
| | Specification: | | | | | | | | | |
| | AquaBoard infill wall 315 mm thick: thick Solidtex as outer layer on the Outer metal frame composed by 15 Inner metal frame composed by Pre Partition maximum height: 5 m | : one 12,5 mm thick PregyAqu inner side. 50 mm PregyMetalAquaBoard egyMetal 100 mm U tracks 0, | aBoard BA13 on the outer side, one 12, U tracks 1 mm thick and 150 mm Pregy 6 mm thick and Simple 100 mm C studs a | 5 mm thick Solidte MetalAquaBoard at 60 cm cm maxir | x in the cavity, screwed on the outer frame. One 12,5 C studs 0,6 mm thick. Cavity: Rock wool 110 kg/m³ de num spacing. Cavity: Rock wool 70 kg/m³ density, 80 | 5 mm thick PregyVapc nsity, 120 mm thick. mm thick. | or BA13 as in | nner layer an | d one 12,5 m | m |
| | Airborne Sound Insulation Rw: 69 d | B n²K | | | | | | | | |
| | Fire rating: - | | | | | | | | | |

| | | | Drywal | II Specs book | | | | | | * sinia |
|------------------------|---|---|--|---|--|--|---|--|---|--------------------|
| | | AOB | -1 325/M150 + M100 - 1 PV BA1 | 3 + 1 AOB BA13 + 3 S-t | ex - RW/120 + RW/80 | | | | | - |
| | | | | - + 5 *= | | | <u> </u> | Adesivo + reinfo | &Rasante base rcing mesh + fi | ecoat nish coat |
| System performances | Wait thickness Max wall height Airborne sound insulation Rw Thermal transmittance U Thermal resistance R | 325 mm 5,00 m 71 dB 0,140 W/m ² K 7.14 m ² K/W | | 12.5 | | | m | 150 mm PregyM | n Aluzinc C stud etalAquaBoard | |
| | Periodic thermal transmittance Yie Thermal phase shifting Fire rating | 0,020 W/m²K 10h 48' - | | 150 | | | | Rock mi 110 kg/ | neral wool m³ - 120 mm | |
| Outer side | Board layer Board type Beaction to fire | Single PregyAquaBoard BA13 A2-s1 d0 | | 325 12.5 12.5 | | | | - Solidtex | c. | |
| | Board thickness | 12,5 mm | | 100 | | ⋏⋏⋏⋏ <mark>⋕</mark> ⋏⋏⋏⋏ | | — 100 mm | n C stud | |
| Board in cavity | Board layer Board type Reaction to fire Board thickness | Solidtex A2-s1,d0 12,5 mm | | 12.5 | | | | — Rock mi 70 kg/n — PregyVa — Solidtex | neral wool 1 ³ - 80 mm apor BA13 | |
| Inner side | Board layer Board type Reaction to fire Board thickness | Inner PregyVapor BA13 A2-s1,d0 12,5 mm | Outer Solidtex A2-s1,d0 12,5mm | | j | Outer frame studs | Spacing [cm] | Maximum | height [m] | |
| Madal frame | Outer side | 150 mm AQB C studs 0,6 mm | thick | | Remarks: | 47-149-50 | 60 40 30 | - 3 3,5 | 3,5 4,3 5 | |
| Metal frame | Inner side | Simple 100 mm C studs at 60 o | cm cm maximum spacing | | All performance data and system specifications and or substitution of any other manufacturers mater | re for system constructed with ial or component invalidates | n materials and co both test data and | omponents as si d system perfor | nown. The inclusion mance. | |
| | Outer side | Rock wool 110 kg/m ³ density, | 120 mm thick | | Maximum heights are for system considering an h daN/m ² uniform wind pressure. For different load | norizontal load of 1 kN/m imp ds please contact Siniat Italy T | osed at 1,20 m he echnical Division. | eight above the | floor and 100 | |
| Insulation | Inner side | Rock wool 70 kg/m ³ density, 8 | 0 mm thick | | It is believed to be correct, we accept no liability to its suitability as we do not accept responsibility design responsibility rests entirely with the recipie documentation service. | for its accurancy, adequacy or y for any claims or consequen ents who should then produc | completeness. Re tial loss. Acceptan e accepted details | ecipients must s nee of the conte s on their own C | atisfy themselves as nt and subsequent ompany | |
| Exterior finishing | Adesivo&Rasante AquaBoard base of coat according to Siniat instructions | coat with AquaBoard fiber glass r s. | einforcing mesh and Mapei finish | | Airborne sound insulation Rw is related to test co bridges (peripheral transmissions through floors, | nditions. Actual acoustic perf ceilings, corners) and by impe | ormance in situ (F rfections in instal | R'w) is influence llation. | d by acoustic | |
| | Specification: AquaBoard infill wall 325 mm thick: thick Solidtex as outer layer on the Outer metal frame composed by 15 Inner metal frame composed by Pre Partition maximum height: 5 m Airborne Sound Insulation Bw: 71 d | : one 12,5 mm thick PregyAqua& inner side. 50 mm PregyMetalAquaBoard U † egyMetal 100 mm U tracks 0,6 m B | pard BA13 on the outer side, two 12 racks 1 mm thick and 150 mm Preg m thick and Simple 100 mm C studs | ,5 mm thick Solidtex in th yMetalAquaBoard C stud at 60 cm cm maximum s | None of the content may be copied directly with the cavity, screwed on the outer frame. One 12 5 0,6 mm thick. Cavity: Rock wool 110 kg/m ³ d pacing. Cavity: Rock wool 70 kg/m ³ density, 80 | ut prior approval from Siniat ,5 mm thick PregyVapc ensity, 120 mm thick.) mm thick. | italy Technical Div | vision er layer and | one 12,5 mm | |
| | Thermal transmittance U: 0,14 W/n Fire rating: - | n²K | | | | | | | | |







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an etex company