**AQUAPANEL® Cement Board Indoor (Lighter. Easier. Faster.)**

#### Double stud wall with double layer panelling

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| Specification examples  |

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| Item | Quantity / ME | Description of service | Unit cost | Total cost |
|  |  m²m²m² | **Wall lining with cement-bonded building boards** **Design: Double stud wall with double layer panelling without fire protection requirements** Non-load-bearing inner partition wall DIN 4103-1as prefab wall, installation range 1 / 2 \*,2xCW50: installation range 1: 4.00 m, installation range 2: 3.50 m;2xCW75: installation range 1: 5.40 m, installation range 2: 4.90 m;2xCW100: installation range 1: 6.50 m, installation range 2: 6.00 m\* Wall height: \_\_\_\_\_\_\_\_\_ m,Wall thickness: \_\_\_\_\_\_\_\_\_ mm , no fire protection requirements,Ceiling junction to: reinforced concrete / masonry \_\_\_\_\_\_\_\_\_ /  Lightweight concrete / other \_\_\_\_\_\_\_\_\_ \* Floor joint to: reinforced concrete / masonry \_\_\_\_\_\_\_\_\_ /  Lightweight concrete / other \_\_\_\_\_\_\_\_\_ \* rigid peripheral connections,Product / system: AQUAPANEL® Cement Board Indoor (Lighter. Easier. Faster)**Making the furring**made of galvanised sheet steel sections, corrosion-protected,as twin post construction, connected with AQUAPANEL® Cement Board Indoor (Lighter. Easier. Faster) strips,UW section 2x \_\_\_\_\_\_\_\_\_ mm andCW section 2x \_\_\_\_\_\_\_\_\_ mm;make \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ . Unit spacing of upright sections ≤ 600 mm / \_\_\_\_\_\_\_ mm\*.**Insulating layer** as requiredof mineral wool DIN EN 13162,Insulating material thickness: \_\_\_\_\_\_\_\_\_ mm Volume weight: \_\_\_\_\_\_\_\_\_ kg/m³ Thermal conductivity group \_\_\_\_\_\_\_\_\_ Make\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ , caulked fit and safe from slipping.Additional position:A vapour barrier / vapour seal \*, make \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, is to be fastened in front of the 2nd panelling on the 1st layer of boards depending on the requirements according to the manufacturer's instructions. |   |  |

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| Item | Quantity / ME | Description of service | Unit cost | Total cost |
|  | m²m²m²linear mm²m²m² | **Installation of the two-sided facing** of1st layer AQUAPANEL® Cement Board Indoor (Lighter. Easier. Faster) 12.5 mm, firm butt joints glued with AQUAPANEL® Joint Adhesive (PU) and screwed in place with AQUAPANEL® Maxi Screws SN 25. After hardening (normally the next day) the protruding AQUAPANEL® Joint Adhesive (PU) is scraped off. 2nd layer AQUAPANEL® Cement Board Indoor (Lighter. Easier. Faster) 12.5 mm, firm butt joints glued with AQUAPANEL® Joint Adhesive (PU) and screwed in place with AQUAPANEL®  Maxi Screws SN 39. After hardening (normally the next day) the protruding AQUAPANEL® Joint Adhesive (PU) is scraped off. With boards cut to size observe screw spacing of 15 mm to the edge of the board and ≤ 250 mm between screws.Alternative item:1st layer AQUAPANEL® Cement Board Indoor (Lighter. Easier. Faster) 12.5 mm, 3 – 5 mm joint width and screwed in place with AQUAPANEL®  Maxi Screws SN 25. Fill all joints with AQUAPANEL® Joint Filler & Skim Coating – white and AQUAPANEL® Tape (10cm). 2nd layer AQUAPANEL® Cement Board Indoor (Lighter.Easier.Faster) 12.5 mm, 3 – 5 mm joint width and screwed in place with AQUAPANEL®  Maxi Screws SN 39. With boards cut to size observe screw spacing of 15 mm to the edge of the board and ≤ 250 mm between screws.**Priming the AQUAPANEL®** **Cement Boards**Prime the entire surface of the AQUAPANEL® Cement Board Indoor (Lighter. Easier. Faster) with AQUAPANEL® Board Primer.**Edge seal**Seal all wall / floor joint areas and wall corners and if necessary all pipe leadthroughs with sealing tapes/gaskets, make \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.**Full area seal** depending on requirementsApply an alternative seal all over, e.g. Knauf all-over seal or \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\***Surface coating** Lay the ceramics (tile size ≤ 600x600 mm) with a flexible adhesive, at least C2 acc. to DIN EN 12004.Alternative item:Apply a paintable, all-over surface of AQUAPANEL® Joint Filler and Skim Coating - white in at least 4 mm thickness, smoothed and with an embedded fabric inlay over the entire area near the surface of AQUAPANEL® Reinforcing Mesh. Quality level acc. to leaflet "Indoor plaster surfaces", Deutscher Stuckgewerbebund 2003: Q1/Q2/Q3 \* screeded/smoothed \*  |   |  |

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| Item | Quantity / ME | Description of service | Unit cost | Total cost |
|  | m²m² | Additional position:Apply AQUAPANEL® Q4 Finish acc. to instructions for use onthe complete finished surface. Quality level acc. to leaflet "Indoor plaster surfaces", Deutscher Stuckgewerbebund 2003: Q4Alternative item:Lay the ceramics (tile size < 600x600 mm), glued with a flexible adhesive, at least C2 acc. to DIN EN 12004, tile level height \_\_\_\_\_m, above the tile level apply AQUAPANEL® Q4 Finish acc. to processing instructions all-over on the finished surface. Quality level acc. to leaflet "Indoor plaster surfaces", Deutscher Stuckgewerbebund 2003: Q4Perform all work according to manufacturer's instructions. |  |  |

*\* Delete where not applicable*