



capillary-active calcium silicate boards for moisture remedy and mould remedy in interior areas

Areas of application:

- prevents mould growth
- absorbs excess interior air humidity
- prevents the formation of condensation

Characteristics:

- mould-resistant
- controls humidity
- capillary-active
- breathable
- polished surface
- non-flammable (A1)

Technical data:

	<u>Clima Paramur</u>	<u>Clima Paramur wedge plate</u> <u>[Clima Paramur Keilplatte]</u>	<u>Clima Paramur window soffit board</u> <u>[Clima Paramur Laibungsplatte]</u>
• Material:	Calcium silicate	Calcium silicate	Calcium silicate
• Colour:	white	white	white
• Dimensions:	1000 x 500 mm	625 x 250 mm	500 x 250 mm
• Plate thickness:	25, 30 and 50 mm	28/5 mm	15 mm
• Thermal conductivity:			
λ (10°C, dry, limit) =	0,0740 W/(mK)	0,0740 W/(mK)	0,0740 W/(mK)
λ (10°C, 23/50) =	0,0750 W/(mK)	0,0750 W/(mK)	0,0750 W/(mK)
• Apparent density range:	320 kg/m ³ ± 15%	320 kg/m ³ ± 15%	320 kg/m ³ ± 15%
• Water vapour transmission:	μ = 5,6	μ = 5,6	μ = 5,6
• Fire behaviour:	Class A1	Class A1	Class A1
(in accordance with EN 13501-1)			

Instructions for use:

The mineral substrate upon which **Clima Paramur** is to be mounted must be clean (e.g. free of paint, wallpaper, structurally damaging salts, bitumen, oil, mould growth), load-bearing and tension-free. If it is necessary to disinfect the substrate, redstone **Mould and Spore Destroyer SuS** [Schimmelpilz- und Sporenvernichter SuS] from the Vivo Mould Remedy line should be used. Construction defects and penetrating moisture must be properly remedied and permanently avoided.

Uneven substrates must be levelled in advance using a mineral patching plaster in order to ensure full-surface adhesion. Neighbouring elements (e.g. floor, ceilings, windows) must be separated using **Pre-Compressed Sealant Tape** [Komprimierband]. Cut the **Clima Paramur** to size; smooth the edges. The **System Adhesive** [Systemkleber] can then be applied. Notice: **Special Adhesive SB** [Spezialkleber SB] must be used for substrates containing gypsum!

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Depending on the composition of the substrate (e.g. extremely porous), it may be necessary to pretreat the surface with redstone **Primer** [Grundierung]. Thinly plastered areas are generally not considered a sufficiently stable substrate.

The product must be adhered without air bubbles and over the entire surface by spreading the adhesive using a notched trowel (at least 10 mm) so that a grooved pattern appears in the adhesive. Apply adhesive to the entire surface of the substrate under one board at a time and spread using a horizontal stroke. **Clima Paramur** must be applied and positioned immediately (before the surface of the adhesive starts to dry) by pressing evenly so a bond is formed across the entire surface. The next board can then be pushed flush against the previous one. It is important to carefully arrange the lower row of boards both perpendicularly and horizontally so that all boards can be cleanly aligned with each other. Cross joints must be avoided.

Ideally, adhesive should not be added in the joints between boards; these areas should be reinforced with **Clima Joint Mesh** [Clima Fugengewebe]; alternatively, **Plaster Mesh 070** [Putzgewebe 070] can be applied to the entire area. It is possible to bond the joints with **System Adhesive** [Systemkleber] or **Special Adhesive SB** [Spezialkleber SB]; however, the joint width should not exceed 3 mm and the excess adhesive must be completely absorbed.

For rooms higher than 3.50 m, the boards should be affixed with **Clima Plugs** [Clima Dübel] (2 per m²) in addition to the adhesive. On ceilings and sloped ceilings as well as areas subject to increased load (e.g. tiling) **Clima Paramur** should be affixed with 4 **Clima plugs** [Clima Dübel] per m² in addition to the adhesive. Exposed board edges should be protected against damage with corrosion-free corner protection rails (e.g. made of plastic, stainless steel or aluminium). Rails can be affixed at specific points using the **System Adhesive** [Systemkleber] or **Special Adhesive SB** [Spezialkleber SB] and corrosion-resistant fasteners if necessary.

Once the adhesive has set, redstone **Primer** [Grundierung] is to be applied over the entire surface of the board. After a sufficient amount of drying time, redstone **Levelling Compound** [Spachtelmasse] or **Luno Lime Smooth Finish** [Luno Kalkglätte] is to be applied over the entire surface. It is only necessary to embed the **Plaster Mesh 070** [Putzgewebe 070] in the coatings when it is expected that the structure will experience a high degree of movement.

In order to preserve the outstanding features of the **Clima Paramur**, only breathable final coatings e. g. **Vivo Clean** or appropriate products from the Wall Coatings (Luno) product line should be used.

The Technical Data Sheets relating to the respective redstone products used must be followed.

Dimensions and Delivery form / Item No. / EAN No.:

Clima Paramur:

1000 x 500 x 25 mm / 188 pcs. per palette (94.00 m²) CALP25MMO / 4260122563654
1000 x 500 x 30 mm / 160 pcs. per palette (80.00 m²) CALP30MMO / 4260122563784
1000 x 500 x 50 mm / 96 pcs. per palette (48.00 m²) CALP50MMO / 4260122563791

Clima Paramur wedge plate [Clima Paramur Keilplatte]:

625 x 250 x 28-5 mm / 10 pcs. per package (1.56 m²) CALP528MMO / 4260122564583

Clima Paramur window soffit boards [Clima Paramur Laibungsplatte]:

500 x 250 x 15 mm / 20 pcs. per package (2.50 m²) / CALP15MMO / 4260122564576

Other:

The requirements of the EC Safety Data Sheet must be adhered to.

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