

# Technical Data Sheet

## Clima Redboard

### Wedge-Shaped Board



### [Clima Redboard Keilplatte]

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**mineral connecting wedge, pre-primed on the room side  
made of calcium silicate**

#### Areas of application:

- to prevent thermal bridges and condensation in the area of integrated solid ceilings and masonry walls
- Prevents mould growth
- absorbs excess interior air humidity

#### Features/benefits:

- primed on the room side (sanded on both sides)
- controls humidity
- capillary-active
- breathable
- heat-insulating
- mould-resistant
- non-flammable (A1)
- countless micropores
- natural raw materials
- environmentally friendly
- 'Made in Germany' quality

#### Technical data:

- Material: Calcium silicate, cellulose fibres
- Fire behaviour: Class A1 in accordance with EN 13501-1:2010 (in keeping with ETA-19/0559)
- Water vapour resistance factor:  $\mu = 3$
- Thermal conductivity:  $\lambda_{D(23.50)} = 0.059 \text{ W/(mK)}$   
 $\lambda_{\text{Rated value}} = 0.062 \text{ W/(mK)}$   
(in keeping with ETA-19/0559)
- Apparent density range:  $180\text{-}187 \text{ kg/m}^3$
- Pressure resistance:  $\geq 1000 \text{ kPa}$
- Water absorption coefficient:  $46 \text{ kg/m}^2\sqrt{\text{h}}$
- Water saturation:  $920 \text{ kg/m}^3$
- pH value: approx. 10
- Environmental product declaration: EPD-CSP-20180010-IBC1-DE

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### Instructions for use:

The **Clima Redboard Wedge-Shaped Board [Clima Redboard Keilplatte]** corresponds to **Clima Redboard pro** in terms of its structure and design. Thus, the same processing guidelines and specifications generally apply to substrate preparation and surface coating.

In general, the **Clima Redboard Wedge-Shaped Board [Clima Redboard Keilplatte]** is glued without cavities and is glued over the entire surface. The application of the adhesive (**System Adhesive [Systemkleber]** or, in the case of substrates containing gypsum: **Special Adhesive SB [Spezialkleber SB]**) is applied following the comb bed method using a notched trowel (min. 10 mm). Uneven substrates should be levelled in advance using mineral **Patching Plaster [Ausgleichsputz]** from redstone.

Suitable substrates are, for example, load-bearing and levelled lime or lime-cement plasters. Mineral substrates may be damp, but not wet. Wallpaper, paints, loose components and filler layers containing plaster must be removed. For dry gypsum plasters with a thickness of > 10 mm, **Special Adhesive SB [Spezialkleber SB]** should be used.

Mould infestations must be removed professionally. If it is necessary to disinfect the substrate, the redstone **Mould and Spore Destroyer SuS [Schimmelpilz- und Sporenvernichter SuS]** from the Vivo Mould Remedy line ["Schimmelsanierung (Vivo)"] should be used. Building defects and penetrating moisture such as rising damp or driving rain must be remedied with appropriate measures. Absorbent substrates must be pre-wetted or prepared with redstone **Primer [Grundierung]**.

The **Clima Redboard Wedge-Shaped Board [Clima Redboard Keilplatte]** ends with a plate thickness of approx. 3 mm or 8 mm oriented towards the interior. In order to allow this transition to occur smoothly, a wedge-shaped transition with the wall or ceiling level is filled in, e.g., using **System Adhesive [Systemkleber]** (or **Special Adhesive SB [Spezialkleber SB]**).

Decoupling to adjacent building components such as floors, ceilings and windows using redstone **Pre-Compressed Sealant Tape [Komprimierband]** is to be provided for. When used on the ceiling, the **Clima Redboard Wedge-Shaped Board [Clima Redboard Keilplatte]** must be physically secured using redstone **Clima Plugs [Clima Dübel]**. Two plugs per running metre are used for this purpose.

### Dimensions / Form of delivery / Article No.:

625 x 250 x 25-3 mm / 10 pcs per package / RBK251000MM  
625 x 500 x 30-8 mm / 10 pcs per package / RBK30625MM  
1250 x 500 x 30-8 mm / 2 pcs per package / RBK301000MM

### Other:

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

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