redstone GmbH & Co. KG
Haferwende 1
28357 Bremen
Tel.: 0421 / 22 31 49 - 0
www.redstone.de

Technical Data Sheet

Clima Redboard
Wedge-Shaped Board

[Clima Redboard Keilplatte]

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
- '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:	μ = 3
• Thermal conductivity:	$\lambda_{D\ (23.50)}$ = 0.059 W/(mK) $\lambda_{Rated\ value}$ = 0.062 W/(mK) (in keeping with ETA-19/0559)
• Apparent density range:	180-187 kg/m³
• Pressure resistance:	≥ 1000 kPa
• Water absorption coefficient:	46 kg/m²√h
• pH value:	approx. 10

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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.

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] in addition to the gluing. Two plugs per running metre are used for this purpose.

Dimensions / Form of delivery / Article No. / EAN No.:
625 x 250 x (25-3) mm / 10 pcs per package / RBK251000MM / 4260122563968
625 x 500 x (30-8) mm / 6 pcs per package / RBK30625MM / 4260122564132

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

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Great Britain +44 (0)1228 711511

Ireland +353 46 9432104

Email us

info@ecologicalbuildingsystems.com

Find us

Great Britain Ecological Building Systems UK Ltd.,
Cardewlees, Carlisle, Cumbria, CA5 6LF,
United Kingdom

Ireland Ecological Building Systems Ltd.,
Main Street, Athboy. Co. Meath, C15 Y678,
Republic of Ireland

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Discover our solutions online at

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