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**mineral, sulphate-resistant lightly adhesive reinforcing mortar  
for hydrophilic interior insulation boards on mineral substrates  
and substrates containing gypsum**

**Areas of application:**

- for comb bed adhesion of **Pura Mineral Insulation Boards [Pura Minerale Dämmplatten]**, **Termoküp**, **Clima fresch** and **Clima Redboard boards [Clima Redboard Platten]**
- for manufacturing mesh fillings and reinforcement layers
- for manufacturing felted and smoothed out surfaces
- for levelling and patching small uneven areas and damaged areas in the substrate

**Pura light** can be used on mineral substrates and substrates containing gypsum. The substrate must be load-bearing and dry. Materials containing gypsum are not resistant to damp masonry or penetrating moisture. The existing layer of gypsum plaster must be at least 10 mm thick. Areas with a thin layer of gypsum plaster generally will not be stable enough to support the interior insulating system long-term.

**Characteristics:**

- mineral
- sulphate resistant
- controls humidity
- hydraulic hardening
- easy to work with (with a suitable trowel and by machine)
- good coverage
- Colour: white

**Technical data:**

- Material base: Lime hydrate, cement, mineral lightweight aggregates
- Water vapour permeability:  $\mu \leq 20$
- Aggregate size: max. 0.5 mm
- Working temperature: do not apply if the air or component temperature is below +5 °C or higher than +30 °C
- Bond strength:  $\geq 0.08 \text{ N/mm}^2$
- Pressure resistance:  $\geq 1.5 \text{ N/mm}^2$
- Fire behaviour: A1 non-flammable
- Consumption: approx. 0.9-1.0 kg/m<sup>2</sup> per mm layer thickness  
Gluing: approx. 3.5-4.5 kg/m<sup>2</sup> (for comb bed adhesion)  
Reinforcement: approx. 4.0-5.0 kg/m<sup>2</sup>

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### Substrate:

The substrate must be load-bearing and free of materials that could negatively impact the adhesion of **Pura light** (e.g. release agents, loose objects, dust, grit, efflorescence, paint, gypsum etc.). Load-bearing old render must be checked to ensure it is solid and will allow for good adhesion to the substrate.

Old plastered areas must be cleaned; mould growth must be properly removed using products from the **redstone Mould Remedy (Vivo)** product line. Old and destroyed plasters, paints and non-load-bearing coatings must be carefully removed.

### Instructions for use:

Pour about 10 l of clean water into a clean container. Add 20 kg of **Pura light** and mix thoroughly with a suitable whisk until a smooth consistency conducive to working is achieved (mixing time of at least 3 min.). Stir again after leaving to rest for a short time. Partial amounts can be added using a ratio of approximately 0.5 l water per kg of **Pura light**. Once it has been mixed, the **Pura light** is ready to use. Only mix as much material as you think you will use within about two hours.

Stiffened materials that have already set cannot be reworked with water or fresh **Pura light**. The times given apply for the standard temperature range of approximately +20°C at 65% relative humidity. Lower temperatures will take more time, while higher temperatures will shorten the working and adhesion time. **Pura light** must be protected against premature dehydration, e.g., due to draughts of air or thermal stress.

### Gluing panels:

Depending on the composition of the substrate (e.g. extremely porous), it may be necessary to fully pretreat the substrate with **redstone Primer [Grundierung]**. After any necessary smoothing work has been performed, proceed as follows:

#### **Pura Mineral Insulation Boards [Pura Mineraldämmplatten] / Termoküp / Clima frisch:**

Apply the mixed **Pura light** mortar horizontally as a contact layer to the prepared reverse side of the panel using a suitable notched trowel ( $\geq 10$  mm) and only apply to one panel at a time (using the comb bed method). Immediately after applying the adhesive, place the **Pura Mineral Insulation Board [Pura Mineraldämmplatte]**, **Termoküp** and **Clima frisch** into position and then press it firmly into the substrate.

#### **Clima Redboard boards [Clima Redboard Platten]:**

Apply the mixed **Pura light** mortar horizontally as a contact layer to the prepared substrate using a suitable notched trowel ( $\geq 10$  mm) and only apply to one panel at a time (using the comb bed method). Immediately after applying the adhesive, place the **Clima Redboard board [Clima Redboard Platte]** into position and then press it firmly into the substrate.

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**Reinforce the surfaces:**

After the adhesive layer has hardened, the **redstone Primer** [Grundierung] is applied over the entire clean surface of the panel, unless it has already been pre-prepared in the factory. After allowing sufficient time to dry (approx. 4 hours at +23°C and 50% relative humidity), **Pura light** is then applied as a reinforcement layer with the layer being a thickness of approx. 4-5 mm.

In order to reinforce the surface, redstone **Plaster mesh 110** [Putzgewebe 110] is inserted into the fresh **Pura light** mortar to function as a reinforcing layer (fresh-on-fresh). The individual strips of the plaster mesh must therefore not be butt-jointed, but must always lie approx. 10 cm above the following strip.

The material is removed flat and then felted after a period of time to allow it to mature. To achieve an optimal surface, it is smoothed once more after it has been felted. The surface can then be painted. Only breathable paints should be used. The ideal surface finish can be achieved by using **Vivo Clean** residential hygiene paint.

The current technical data sheets for the system components must be observed.

**Cleaning:**

Clean tools immediately after use with water.

**Storage / Storage stability:**

Dry, cool but frost-free in closed, unopened original containers for a period of at least 12 months. Any opened containers must be used quickly.

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

20 kg sack / 48 sacks per pallet / PURA20LG / 4260122565900

**Other:**

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

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