

Technical Data Sheet
Luno Lime Smooth Finish*
[Luno Kalkglätte]



**breathable smoothing compound for the coating of
Clima Redboard, Pura Mineral Insulating Board
[Pura Mineraldämmplatte] and
Secco Universal Renovation Board (USP)
[Secco Universal Sanierplatte (USP)]**

Areas of application:

For the breathable surface coating of mineral substrates indoors. Specifically for:

- **Clima Redboard pro and Clima Redboard basic**
- **Pura Mineral Insulating Board [Pura Mineraldämmplatte]**
- **Secco Universal Renovation Board (USP) [Secco Universal Sanierplatte (USP)]**
- other mineral construction materials

Luno Lime Smooth Finish [Luno Kalkglätte] is a factory-made dry-mix mortar that is also suitable for filling and levelling vertical joint areas. It produces an even and firm surface and can also be used for smoothing interior lime plaster.

Furthermore, **Luno Lime Smooth Finish [Luno Kalkglätte]** forms the basis for subsequent mineral paint coats. **Luno Lime Smooth Finish [Luno Kalkglätte]** is not suitable for use as a substrate for tiles.

Characteristics:

- Breathable, capillary conductive
- highly alkaline
- smooth, easy to process
- mould-resistant
- fine surface, sandable

Technical data:

- Bulk density: 1.1 kg/litre
- Colour: White
- Grit: < 0.2 mm
- Coating thickness: 1-2 mm
- Mixing ratio: approx. 7.0 litres of water per 15 kg bag
- Use: approx. 1.1 kg / m² per mm of coating thickness
- Working time: approx. 2 hours (at +20°C and 50% relative humidity)
- Working temperature: +5°C to +30°C
- Reworking: sandable after 24 hours of drying

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Substrates:

The mineral substrate must be solid, have adhesive capabilities, be load-bearing, and be clean. Adhesion-reducing substances (e.g. dust, dirt, paint, oil, bitumen, loose plaster residues) must be removed. Highly absorbent substrates such as calcium silicate boards or mineral insulation boards must be pre-treated with redstone **Primer [Grundierung]**. Before applying **Luno Lime Smooth Finish [Luno Kalkglätte]**, the **Primer [Grundierung]** must be dry.

Instructions for use:

Mix the redstone **Luno Lime Smooth Finish [Luno Kalkglätte]** (15 kg bag) and approx. 7 litres of clean water with a mixer at low speed until the mixture becomes homogenous, malleable and free of chunks. The smooth finish lime plaster is trowelled on using a stainless steel smoothing trowel and is evened out. The coating should be applied in two layers of a thickness of 1.2 mm (thicker layers pose risk of cracking). To reinforce the filler layer, redstone plaster mesh is inserted fresh-on-fresh as a strengthening insert into the **Luno Lime Smooth Finish [Luno Kalkglätte]**.

When using redstone **Clima Redboard**, it is recommended that **Plaster Mesh 070 [Putzgewebe 070]** is used. Alternatively, the strip-shaped **Clima Joint Mesh [Clima Fugengewebe]** can also be used. The more stable redstone **Plaster Mesh 165 [Putzgewebe 165]** must be applied to **Pura Mineral Insulation Boards [Pura Mineraldämmplatten]**.

Notes:

Luno Lime Smooth Finish [Luno Kalkglätte] that has already set cannot be reworked with water or fresh lime plaster. The times given apply for the standard temperature range of approximately +20°C at 50% relative humidity. **Luno Lime Smooth Finish [Luno Kalkglätte]** must be protected against premature dehydration, e.g., due to draughts of air or thermal stress.

Cleaning:

Clean working equipment immediately after use with water.

Disposal:

Product waste must be disposed of in accordance with applicable regulations. Empty packages must be recycled.

Storage:

Protected against moisture on dry pallets, in closed bundles for about 9 months.

Dimensions / Form of delivery / Article No.:

15 kg sack / 48 sacks per pallet / LK15KG

Other:

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

*** This TDS is valid for redstone deliveries in 15 kg containers from week 30/2020.**

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