

# Technical Data Sheet

## Luno Lime Smooth Finish

### [Luno Kalkglätte]



**breathable smoothing compound as a final coating on calcium silicate boards and as a final indoor finishing coat**

#### Areas of application:

As a breathable final coating on:

- **Clima Paramur**
- **Clima Redboard pro**
- **Clima Solid**
- **Redo Renovation Board (USP) [Redo Universal Sanierplatte (USP)]**

As a breathable finish on:

- **Luno Indoor plaster [Luno Wohnklimaputz]**
- **Pura light**
- **redstone levelling compound [Spachtelmasse]**
- **Vivo Anti-mould plaster [Vivo Antischimmelputz]**
- **mineral finishing plaster**

**Luno Lime Smooth Finish [Luno Kalkglätte]** is a factory-made dry-mix mortar that is also suitable for filling and levelling vertical joint areas. **Luno Lime Smooth Finish [Luno Kalkglätte]** produces an even surface to form the base for subsequent mineral paint coating. **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/m<sup>2</sup> 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

The technical information and instructions for use contained in this document are correct to the best of our knowledge and are provided in good faith. The content of this document does not constitute an explicit or implicit guarantee for the performance of these products. As we have no control over how our materials will be used or the conditions under which they are used, we can only guarantee that these products meet our quality standards. We can therefore only guarantee the quality of our products within the framework of our General Terms and Conditions, but we cannot guarantee their successful functioning in every situation. Subject to change without prior notice. This data sheet replaces all previous data sheets.

# Technical Data Sheet

## Luno Lime Smooth Finish

### [Luno Kalkglätte]



#### 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 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 homogeneous, malleable and free of chunks. The Luno Lime Smooth Finish [Luno Kalkglätte] 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).

When used as a final coating on calcium silicate boards plaster mesh 110 [Putzgewebe 110] will need to be inserted over the entire surface. Strip-shaped Clima Joint Mesh [Clima Fugengewebe] can alternatively be used around the jointing.

When using Pura Mineral Insulation Boards [Pura Minerale Dämmplatten] and Termoküp Mineral Insulation Boards, a reinforcement layer (incl. plaster mesh 110 [Putzgewebe 110]) of Pura light will need to be added before applying Luno Lime Smooth Finish [Luno Kalkglätte]. Luno Lime Smooth Finish [Luno Kalkglätte] can then be applied as a finishing coat (without reinforcement).

The respective technical data sheets for the redstone products used must be observed.

#### Note:

Luno Lime Smooth Finish [Luno Kalkglätte] that has already set cannot be reworked with water or fresh lime plaster. The given times 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 draught or thermal stress.

#### Cleaning:

Clean working equipment immediately after use with water.

#### Storage:

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

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

15 kg sack / 48 sacks per pallet / LK15KG / 4260122569397

#### Other:

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

---

The technical information and instructions for use contained in this document are correct to the best of our knowledge and are provided in good faith. The content of this document does not constitute an explicit or implicit guarantee for the performance of these products. As we have no control over how our materials will be used or the conditions under which they are used, we can only guarantee that these products meet our quality standards. We can therefore only guarantee the quality of our products within the framework of our General Terms and Conditions, but we cannot guarantee their successful functioning in every situation. Subject to change without prior notice. This data sheet replaces all previous data sheets.

---

For over 20 years, Ecological Building Systems has been at the forefront of environmental and sustainable building products supplying a range of innovative airtightness solutions and natural insulations backed up with expert technical support.

**As product suppliers in the UK and Ireland, we're happy to assist you with your projects and have expert technical and sales advice on hand.**



**Call us**

**Great Britain** +44 (0)1228 711511

**Ireland** +353 46 9432104



**Email us**

[info@ecologicalbuildingsystems.com](mailto: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