# LIGHT 950

**DATA SHEET**

Lightweight adhesive-skim coat based on NHL 3.5 natural hydraulic lime and with additional fibres for Fassatherm® systems




Interior/Exterior

Sack

By hand

Metal trowel

## Composition

LIGHT 950 is a premixed adhesive made from NHL 3.5 natural hydraulic lime, non-shrink fibres, lightweight expanded glass aggregate, graded sand and specific additives to improve workability and adhesion.

## Supply

- Special sacks with moisture protection, approx. 25 kg

## Use

LIGHT 950 is used for bonding and skim-coating insulating panels made of rock wool, hydrated calcium silicate or wood fibre in External Thermal Insulation Composite Systems (ETICS), as well as for embedding.

## Substrate preparation

The substrate must be free from dust, dirt etc.. Any traces of oil, grease, wax, etc. must be removed beforehand.

## Mixing

Add the product to the corresponding amount of clean water (as specified in the Technical Data) and mix by hand or with a low-speed mechanical mixer for no more than 3 minutes, until obtaining a homogeneous, lump-free mixture of the required consistency is obtained.
To bond the panels, apply the product over the entire surface or around the perimeter and at central points, install the panels with staggered joints, ensuring that they fit closely together, then mechanically secure them using suitable anchors
Apply the skim coat, embedding an alkali-resistant glass-fibre reinforcing mesh certified in accordance with EAD 040016-00-0404, ensuring overlaps of at least 10 cm at mesh joints.
The finish will be achieved by applying a hydro-silicone, acrylic, acryl-siloxane or silicate coating after at least 2–3 weeks.

## Warnings

- Product recommended for expert users.
- Always read the safety data sheet before use.
- Fresh adhesive must be protected from frost and from rapid drying. A temperature of +5°C is recommended as the minimum value for application and for proper hardening of the adhesive; below this value setting would be excessively delayed and below 0°C the still fresh or unhardened product would be exposed to the disintegrating action of frost.
- Protect the cured product with a suitable coating or finish.
- Our local technical advisers are available to recommend the most appropriate application method to minimise potential issues arising from the specific characteristics of the substrate.

**LIGHT 950 must be used as supplied, without the addition of any extraneous materials.**



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## Storage

Store in a dry place for no longer than 12 months. After expiry, the product must be disposed of in accordance with current regulations.

## Quality

LIGHT 950 is subjected to accurate and continuous checks in our laboratories. The raw materials used are rigorously selected and controlled.

## Technical Data

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|---|---|
| Specific weight | 950 kg/m³ |
| Thickness as skim coat | 5-10 mm |
| Granulometry | < 1.4 mm |
| Mixing water | 31-33% |
| Yield as skim coat | approx. 1 kg/m² per mm in thickness |
| Yield for bonding (entire surface or perimeter and spots in the centre) | 2.8-5.5 kg/m² |
| Compressive strength after 28 days | 3.5-7.5 N/mm² |
| Water vapour diffusion resistance factor (EN 1015-19) | μ = 16 (measured value) |
| Capillary water absorption coefficient (EN 1015-18) | W2 ($C \leq 0{,}20$ kg/m²·min$^{0,5}$) |
| Thermal conductivity coefficient | λ = 0,29 W/m·K (tabulated value) |
| Compliant with standard EN 998-1 | GP-CSIII-W2 |

The above information refers to laboratory testing; it is possible that in practical applications on site these may differ considerably according to the conditions in which the material is applied. In any case the user must verify that the product is suitable for the intended application, taking all responsibility for its use. Fassa reserves the right to make technical modifications without notice.

Technical specifications regarding the use of Fassa Bortolo products for structural or fire prevention applications will only be officially valid if provided by Fassa Bortolo's "Technical Service" and "Research, Development and Quality System". If necessary, contact Technical Service in your country of reference (IT: area.tecnica@fassabortolo.com, ES: asistencia.tecnica@fassabortolo.com, PT: assistencia.tecnica@fassabortolo.com, FR: bureau.technique@fassabortolo.fr, UK: technical.assistance@fassabortolo.com).

Please note that for the aforementioned products, the assessment is required by the appointed professional, in accordance with regulations in force.



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