



TECHNICAL DATA SHEET

KEIM XPOR[®]-LEICHTMÖRTEL

1. PRODUCT DESCRIPTION

Hydraulically setting light render mortar LW according to EN 998-1.

2. FIELD OF APPLICATION

For bonding and reinforcing Multipor TOPwall and TIPceiling and as finishing plaster for KEIM WDVS - XPor according to: Z-33.43-857

3. PRODUCT PROPERTIES

- ideal felting behavior
- easy to apply
- good machine processability
- mineral
- permeable
- highly weather-resistant
- fire behaviour: A2

CLASSIFICATION:

- | | |
|---|----------------------------------|
| - Classification according to: | DIN EN 998-1 |
| - Plaster type: | LW |
| - Compressive strength category: | CS II 1,5 -5,0 N/mm ² |
| - Adhesive tensile strength: | > 0,08 N/mm ² |
| - Fracture pattern Adhesive tensile strength: | A,B,C |
| - Test standard Adhesive tensile strength: | DIN EN 1015-12 |
| - Water absorption class: | W2 |
| - Test standard Water absorption: | DIN EN 1015-18 |
| - Water vapour diffusion resistance number (μ -value): | ≤ 10 |

4. APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION:

The substrate must be strong, dry, clean, sound and free from adhesion-reducing residues and must not be too absorbent.

APPLICATION CONDITIONS:

The substrate must be strong, dry, clean, sound and free from adhesion-reducing residues and must not be too absorbent.

PREPARATION OF MATERIAL / MIXING & CONVEYING:

KEIM XPor-Leichtmörtel can be mixed with a continuous mixer. The water quantity must be adjusted to the processing consistency and the material must be stirred briefly with a power stirrer after a maturing time of a few minutes before hand application. Mortar pumps with variable flow rates are suitable for machine application of the mortar mixed in the continuous mixer (e.g. Speedy P 15). Maximum conveying length should not exceed . KEIM XPor-Leichtmörtel can also be mixed and processed with mixing pumps (e.g. G4). Screw pumps with a flow rate adapted to the application rate should be

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used. The max. conveying length should not exceed and the conveying height should not exceed . From 6 m conveying height, the use of a hose with a diameter ≥ 35 mm is recommended.

APPLICATION:

Application method with stainless steel trowel or notched trowel, or mechanically.

GLUING:

Apply the system's adhesive mortar to the insulation panels using the bead-and-dot method, ensuring an adhesion of ≥ 70 %. General instruction with regard to gluing: Do not apply adhesive to the panel joints.

REINFORCEMENT:

Apply KEIM XPor-Leichtmörtel evenly. Embed KEIM Glasfaser-Gittermatte (mesh), overlap 10 cm at the joints and overcoat wet-in-wet with KEIM XPor-Leichtmörtel. Necessary cuts into the mesh are to be covered with an additional fabric strip. The system-specific KEIM Glasfaser-Gittermatte (mesh) should be placed in the upper third and fully embedded. In the corner area of building openings, additionally embed a KEIM Diagonalarmierung. Thickness of the reinforcement layer approx. 5 mm.

TOP RENDER:

Apply mixed XPor light mortar in a layer thickness of 2-3 mm and felt down in good time. Always work through wet-on-wet to avoid build-up.

FINISHING:

KEIM XPor-Leichtmörtel must be coated twice with Soldalit-Grob as primer and Soldalit as top coat. Observe the standing time.

SETTING TIME:

at least 1 day per mm render thickness (depending on temperature and relative humidity).

CONSUMPTION:

approx. 0,8 kg/m² per mm for reinforcement or as top coat render.

approx. 3,5 kg/m² zum Kleben der Platten.

These material consumption values are guide values for smooth substrates. Exact consumption values must be determined by means of test areas.

CLEANING OF TOOLS:

Clean tools, machines and mixers immediately after use with water. In hardened state only a mechanical removal is possible.

5. PACKAGING

Container content	Unit of measure	Quantity on pallet	Type of container
20	kg	40	bag

6. STORAGE

max. storage time	Storage conditions
12 months	dry keep container tightly sealed.

7. DISPOSAL

For disposal information refer to section 13 of the safety data sheet.

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EC WASTE CODE:

Waste code: 17 01 01

8. SAFETY INSTRUCTIONS

Please, refer to the Material Safety Data Sheet.

GISCODE:

GIS code: ZP 1

9. GENERAL INFORMATION

Cover surfaces not to be treated, especially glass, ceramics and natural stone. Any splashes on surrounding surfaces or traffic areas must be rinsed off immediately with plenty of water.

Mixing with products not part of the system or other foreign additives is not permitted.

The stated values and properties are the result of extensive development work and practical experience. Our recommendations for application, whether given verbally or in writing, are intended to provide assistance in the selection of our products and do not establish a contractual relationship. In particular, they do not release the purchaser and processor from the obligation to convince themselves of the suitability of our products for the intended application with due care, which is general practice in trade and crafts. The general rules of construction technology must be observed. We reserve the right to make modifications to improve the product or its application. This edition supersedes all earlier editions.