

Multipor ExSal Therm lightweight mortar

Product

Mineral-based lightweight mortar for bonding and reinforcement of Multipor ExSal Therm boards applied to salt-contaminated masonry.

Application

- adhesive mortar for Multipor ExSal Therm board
- reinforcing mortar for Multipor ExSal Therm board

Characteristics

- grey lightweight mortar
- easy to apply, good stability
- high adhesive strength
- high coverage rate
- low shrinkage
- low tension
- vapor-permeable
- sulfate-resistant
- suitable for machine mixing
- weather- and frost-resistant after hardening

Quality standards

Cement received is low-chromate in accordance with REACH Regulation (EC) No. 1907/2006, Annex XVII, No. 47 and the German Chemical Prohibition Ordinance, Annex - Sec. 28.

Processing

The air, material and substrate temperature must be at least 5°C and must not exceed 30°C. Cover fresh mortar or keep it moist to prevent it from drying out too quickly.

General information

Mortar has an alkaline reaction with moisture, so protect skin and eyes. In case of contact, rinse affected area thoroughly with water. In case of contact with eyes, seek immediate medical attention. These recommendations are based on extensive tests and practical experience. They are not intended as a substitute for directives, DIN regulations, approvals and applicable technical data sheets. Since practical conditions and those on building sites vary, we recommend conducting on-site tests if necessary.

No claims for compensation may be derived from the information provided. Delivery, handling and warranty regarding the assured characteristics is effected in accordance with our applicable general terms and conditions.

This technical data sheet is intended for advisory purposes. We reserve the right to make changes without prior notice to reflect technical developments. Further information and instructions regarding the use of Multipor ExSal Therm lightweight mortar and its system accessories can be found in the Multipor planning and processing brochures.

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Technical data	Description
Lightweight mortar	as per DIN EN 998-1
Compressive strength class	CS II; 1.5 – 5.0 N/mm ²
Dry bulk density	approx. 800 kg/m ³
Water vapor diffusion resistance factor	$\mu \approx 10$
Capillary water absorption	Wc 0
Thermal conductivity	$\lambda_{10,dry} = 0.18$ W/mK
Building material class	A2-s1, d0, non-combustible, as per DIN EN 13501-1
Grit size	0 - 2 mm
Consistency	workable
Working life	approx. 2.0 hours
Ambient temperature	+5°C to +30°C
Storage	dry on pallet, 12 months
Delivery form	20 kg bag

Processing	
Yield per bag	approx. 29 l of fresh mortar is sufficient for approx. 5 m ² with a 5 mm layer thickness
Water requirement per bag	approx. 6 l clean water
Bonding layer	approx. 5 mm
Reinforcing layer with mesh insert	approx. 5 mm
Coverage	Bonding (5 mm): approx. 4 kg/m ² with 12 mm notched trowel (approx. 6.5 kg/m ² with 15 mm notched trowel) Reinforcement (5 mm): approx. 4 kg/m ²

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Local contact person

 www.multipor.com/sales-representatives.php

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