

Bond Plaster

Product description:

Bond plaster is used for smoothing surfaces manually. It belongs to mortar group P IV as defined in DIN V 18550 or B4 as per DIN EN 13279-1. Bond Plaster is notable for its high yield, excellent bonding and good smoothing properties.

Composition:

Gypsum, lime, lightweight mineral aggregates, additives to improve processing and bonding.

Areas of application:

Bond Plaster is suitable for the single-layer application of bonding plaster on all indoor ceiling and wall surfaces made of concrete or masonry. It is also suitable for renovation work, plaster repairs and auxiliary plastering work. It is approved for use in domestic kitchens and bathrooms in accordance with DIN V 18550.

Yield:

Plaster thickness*: 10 mm approx. 7.7 kg/m² approx. 3.2 m²/sack 25 kg/sack

*Plaster thickness: single layer 5 to 25 mm.

Processing and application:

The substrate must be absorbent, clean, dry, solid, load-bearing, free of efflorescence, free of separating agents that form a film, and frost resistant. Metal components that are susceptible to corrosion or oxidation must be provided with corrosion protection before the plaster is applied. Highly absorbent subsurfaces must be pretreated with an absorption barrier. Do not apply the plaster to fresh or damp concrete that has a moisture content of more than 3.0 wt%. Particularly dense, non-absorbent substrates and concrete surfaces must be pretreated with Concrete Bond. The drying and hardening periods of the primer or bonding bridge must be observed.

Use only clean containers and tools and clean water. Do not mix with other materials. Mix the contents of one 25-kg sack of Bond Plaster with approximately 15 to 17 litres of water, either by hand or using a mixer/agitator, until smooth and free of lumps. Apply and strike off the Bond Plaster using a plasterer's float. After sufficient initial hardening, slightly wet the plaster and felt-float finish the surface. Then smooth with a trowel. After plastering, provide sufficient cross-ventilation. In the case of concrete ceiling panels, make vertical cuts through the plaster at the edges of the area as soon as the plaster starts to harden. The processing/working time is approximately 60 minutes, depending on the type of substrate and the ambient conditions. High temperatures, draughts, dirty tools or dirty water can significantly reduce the working time.

Storage:

The product can be stored for six months when kept in dry conditions and protected against moisture.

Packaging:

Supplied in paper sacks containing 25 kg

40 sacks per pallet

Technical data:

Water required:

approx. 15 to 17 l/sack

Compressive strength:

approx. 2.5 N/mm²

Yield:

approx. 1300 l/t

Thermal conductivity:

approx. 0.28 W/mK

Water absorption coefficient:

not applicable

Water vapour diffusion resistance μ :

approx. 8

Pay attention to the following:

Suitable measures must be taken to prevent the freshly applied plaster from drying out too quickly as a result of wind, high temperatures or the effects of frost. Do not apply the plaster if the temperature of the air or the structure lies below +5 °C, or if frost is to be expected during the night. Clean all tools immediately after use. Cover and mask off any vulnerable areas (glass, ceramic, wood, metal etc.) before plastering.

Disposal:

Only send completely empty sacks (free of dust and remnants) for recycling. Hardened residues must be disposed of as building rubble or building site waste.

Safety advice:

Bond Plaster contains lime and therefore produces an alkaline reaction when it comes into contact with moisture. Hazard label: Xi (irritant). Irritates the eyes. Keep out of the reach of children. Do not breathe the dust. If the product comes into contact with the eyes, rinse them immediately and thoroughly with water. If it comes into contact with the skin, wash off immediately with plenty of water. Always wear suitable protective clothing, protective gloves and protective goggles/face protection when working. If the product is swallowed, seek medical advice immediately and show this container or label. The EC safety data sheet must be observed without fail.

Note:

All of our products are subject to continuous internal and independent monitoring in our laboratory. The above information is provided as advice, according to our best and current knowledge. No liability is accepted for the general validity of the individual recommendations, however, since applications and processing methods lie outside our influence, and the diverse properties of the substrates require adjustments to be made, in each case, based on technical and practical considerations. The applicable standards, approvals and guidelines must always be observed. Our specialist support team will be happy to answer any further technical questions.

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Further information is available from:

Service Hotline:

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