

Baumit VitonHaft

Clay slurry primer

Product	Clay slurry primer on to most substrates for manual and machine application.
Intended use	Baumit VitonHaft is a primer for preparing all types of absorbent masonry, rough cast concrete and mineral renders and plasters, for use as a bonding layer between clay plaster coats and for pre-treating plaster laths and jute reinforcing mesh. Suitable for use in historic conservation work and new building work.
Composition	Well graded natural sands, clay binder, natural, mineral pigments and no further additives.
Properties	As a clay topcoat plaster Baumit VitonHaft fulfills the physical and biological considerations within the built environment. A healthier alternative to gypsum or cement based products. The clay binder in the primer helps balance internal humidity levels and absorbs toxins. The slurry coating is water vapour permeable and water absorbent, improves adhesion and equalizes suction from the substrate.
Technical data	Aggregate size: 0–1.2 mm Compression strength: > 1.0 N/mm ² Water vapour diffusion resistance μ : ca. 10 Water requirement: 11.5–12.5 l/sack = 180–220 l/t Consumption: ca. 2.2 kg/m ² (nominal 2 mm layer) Yield: ca. 11 m ² /sack (nominal 2 mm layer) TVOC 3d: < 300 $\mu\text{g}/\text{m}^3$ Formaldehyde 3d: < 3 $\mu\text{g}/\text{m}^3$
Health and safety	Baumit VitonHaft contains no harmful substances. Consequently there are no applicable Safety Regulations to observe. In case of eye contact (mechanical irritation), rinse with plenty of water and seek medical assistance. Wear safety goggles during application.
Quality assurance	Continual monitoring and inspection of the quality of all raw materials upon reception. The manufacturer has a TÜV tested and certified Quality Management System in accordance with the international standard EN ISO 9001 and a TÜV tested and certified Environmental Management System in accordance with the international standard EN ISO 14001.
Packaging	Paper sacks, 25 kg. 1 pallet = 42 sacks = 1050 kg
Storage	Store in dry conditions and protected on pallets. Unlimited shelf life.
Substrate	Substrates must be sound, clean, dry, free from frost, dust and efflorescence. Basecoat renders and plasters should be fully cured. Prepare smooth concrete or very low suction surfaces with a suitable Baumit contact mortar, for example Baumit RK 70 N, Baumit MC 55 W or Baumit HM 50. Gypsum substrates are not suitable backgrounds. Unfired clay bricks and clay boards should be inspected for suitability with clay plaster application (apply test areas).
Application	Mixing: Baumit VitonHaft is mixed with clean water in a tub to a lump free, slurry consistency with an electric hand mixer. Mixing with other products is not permitted. Application: The slurry is generously applied using a thick wallpaper pasting brush or an airless sprayer over the whole wall surface to a thickness of 1-2 mm. Further slurry coatings may be necessary depending on the background suction. Thick coat clay plaster application on to ceilings constructed from render carrier boards (reed mats etc) should only be carried subject to trialling on test areas.

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Further information Baunit VitonHaft requires no special subsequent treatment. It is important to ensure that the subsequent coatings are applied on to a damp (for better adhesion) layer of Baunit VitonHaft slurry primer.

Ensure that the clay plaster can dry out quickly. Clay plasters are pH neutral and are vulnerable to mildew growth when exposed to high relative humidity levels (> 70%) for prolonged periods.

Testing for TVOC and Formaldehyde emissions is carried out by the eco-Institut.

The air, material and background temperature must be above +5° C during application and curing.

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