



MINERAL PLASTER TECHNOLOGY

TECHNICAL INFORMATION

Adhesive Render

HEIDELBERGER PT 300

PT 300 is a factory mixed adhesive render following European standard DIN 18550 and DIN 18555 and is suitable for use as a bond (key) coat on Brick, Brick Veneer, Light weight concrete, Aerated concrete, Block work and Fibre Cement Sheet.

PT 300 Adhesive Render can be universally applied to outdoor areas and can be used as a key or bonding plaster on polystyrene.

PT 300 can also be used to fix polystyrene boards to all common, good bearing wall backgrounds or as a basecoat on pre-cast or clean painted surfaces.

Preparation

The substrate must be of a sound nature, free from dust and loose particles, form release oils and other contaminants which could affect adhesion and bonding strengths of subsequent coatings. Substrates with voids, defects and uneven surfaces do not require special preparation.

Application

PT 300 is suitable for commercial plastering machines or manual application (drill mixed only).

PT 300 can be used as a basecoat to a minimum of 3-4mm thickness, thereby providing a bonding surface for further coats of plaster.

On all surfaces as above, the use of fibreglass mesh embedded wet-in-wet either in the first 3-4mm of plaster (**PT 300**) or in a specific meshcoat (see **PT 320**) is essential. The entire area to be plastered must be meshed in this way. When trowelling mesh into **PT 300** ensure that the fibreglass mesh is trowelled in such a way that it remains towards the exterior surface of the plaster and that it is overlapped at least 100mm where it is joined. Putz-Technik recommends the use of **Fibreglass Reinforcing Mesh(160gsm)**

Coverage

Depending on the substrate a 25kg bag of **PT 300** yields approximately 3 square metres at 5mm thickness.

Important

Do not under any circumstances add foreign substances other than clean water to premixed mineral plasters. Do not add further water to **PT 300**/water mixture later than two hours after original mixing. Allow 1 day/mm drying time prior to applying further coats of plaster. If necessary, contact Putz-technik for further information on drying times.

Technical

PT 300 is manufactured using selected aggregates, cement and mineral additives. Sand particle size range is 0—1.0mm.

PT 300 has a high water vapour permeability (breathing activity). Where a re resistance rating is required please contact Putz-technik. Compressive Strength N/mm² following European Standard DIN 18555 10.0

Flexural Strength N/mm² 4.54

Bond Strength N/mm² 0.67

Water Demand

following European Standard DIN 52617 < 0.5

Water Retention (%) 99.8

Storage

PT 300 is packaged in 25kg paper bags, with 40 bags (1 tonne) per pallet. **PT 300** can be stored in a dry place for up to 6 months.

Quality Control

PT 300 is quality controlled at point of manufacture and tested by independent laboratories.

Service

At the forefront of plastering technology, Putz-technik offers its assistance and experience in the selection and use of our products and machines.

Demonstrations are available on request.