

UB POWDER BASED PUTTY

اساس معجون يوبي

HIGH PERFORMANCE CEMENTITIOUS LEVELING & SMOOTHENING PUTTY

PUTTY

UB Powder based putty is a cement based fine putty which provides an excellent finishing for concrete / cement plastered walls and ceiling, of different materials such as brick, mortar, concrete, etc. It is an ideal base for painting and decorative finishing in interior & exterior application. Suitable for use in hot and tropical climatic conditions.

USES

UB powder based putty is used as a thin levelling layer and a sealing putty on concrete, mortar and masonry surfaces. Typical applications are:

- ▣ Pore sealer on cementitious substrates
- ▣ For external and internal wall/ceiling smoothing
- ▣ Fairing coat before application of other coatings
- ▣ Thin smoothing layer on vertical areas in building
- ▣ Can be used in civil engineering construction before application of acrylic decorative & protective coatings
- ▣ Filling putty of small bugholes
- ▣ Re-profiling of small defects on edges and to form decorative covings

FEATURES

- ▣ Good bond strength on cementitious substrates
- ▣ Very good workability, easy to level, smooth and sand
- ▣ Fine finish and high scratch resistance
- ▣ Applicable in layers up to 3 mm
- ▣ Fast curing
- ▣ Reduces top coat consumption
- ▣ Good mechanical strength
- ▣ One component, easy to use

PRODUCT INFORMATION

Composition	Polymer modified cementitious putty
Packaging	25 kg bag
Appearance / Colour	White powder
Shelf Life	12 months from date of production
Storage Conditions	Store in undamaged, unopened, original sealed packaging in dry condition at temperatures between 5°C and 35°C. Protect from direct sunlight, heat and moisture.
Density	

TECHNICAL PROPERTIES

Compressive strength	~5.00 N/mm ² (28 d / +20°C) (EN 13892-2)
Flexural-strength	~1.50 N/mm ² (28 d / +20°C) (EN 13892-2)
Tensile adhesion strength	~0.50 N/mm ² (28 d / +20°C) (EN 13892-8)

APPLICATION INFORMATION

Fresh mortar density	~1.55 kg/l
Consumption	~0.9 - 1.0 kg of powder per m ² /mm This figure is theoretical and does not include any additional material required due to surface porosity, surface profile, variations in level and wastage etc.
Yield	~23.4 liters (25 kg bag at 0.45% w/p ratio)
Layer thickness	1 mm in a single layer, up to 3 mm (multi-layer application)
Mixing ratio	10.75 to 11.25 liters of water per 25 kg bag 17.2 to 18.0 liters of water per 40 kg bag
Pot Life	~60 min (23°C)
Waiting time to over coating	~24 hours depending on the thickness, can be painted and sanded after ~24 hours (+20°C)

UB POWDER BASED PUTTY

اساس معجون يوبي



HIGH PERFORMANCE CEMENTITIOUS LEVELING & SMOOTHENING PUTTY

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY / PRE-TREATMENT

Substrates must be sound, rough, free from dust, loose particles, cement laitance, curing compounds, oil, grease or any other contamination. Pre-wet the substrate to a saturated surface dry condition (SSD) prior to application. Avoid puddles and standing water.

MIXING

Mix with the necessary, above mentioned, amount of water, using an electric blender with a suit-able mixing spiral at low speed, in a clean bucket for at least 3 minutes. Obtain a smooth paste free of lumps. Use a blender at 500 rpm maximum. Do not mix at a faster rate because of mechanical strength decay of the cured product. The obtained mix result is very creamy, easily spreadable and thixotropic.

APPLICATION

UB wall putty can be applied by putty blades. Make sure that the second layer application should be done when the first layer is totally dry. If the substrate is having low tolerances it is convenient to apply Y1 wall putty in one layer. When deeper holes or fissures are to be filled it should be applied in several layers, once dry. The surface must be sanded with a sandpaper of fine grain, then proceed painting the surface.

HEALTH AND SAFETY INFORMATION

Users must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

CLEANING OF TOOLS

Clean all tools and application equipment with clean water immediately after use. Hardened / cured material can only be removed mechanically.

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application.

STORAGE

Store in a cool dry place under shade.

BASIS OF PRODUCT DATA

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.



LEGAL DISCLAIMER: Polywed endeavors to ensure that any advice, recommendations, information it may give, is accurate and correct. It cannot accept any liability either directly or indirectly arising from the use of its products, because it has no direct or continuous control over where or how its products are applied, whether or not in accordance with any advice, specification, recommendation or information given by us. Polywed has the right to change any of the specifications mentioned in the Technical data sheets upon its discretion without prior notification. Hard copies of the Technical Data sheets are printed once or twice a year, while our technical data sheets are continuously being updated as per R&D improvements and new 3rd party testing; kindly refer to our website for the latest updated of the technical Data Sheets.