

# Uni Coat Wall Putty®

High Quality Water resistant cementitious Wall Putty



## Description

Uni Coat is a cement-based polymer modified , extra fine graded cement putty with fast & easy smoothing application and crack resistant .

It offers excellent bonding , water resistant .  
For interior & exterior use .

## Uses

- Smoothing of cement panels.
- wall or ceiling application.
- indoor and out door use .
- Prior to different paintings and coatings.
- It is used to level uneven surfaces.
- used for cement boards & gypsum boards.

## Advantages

- Crack resistant & humidity resistant.
- durable.
- Strong adhesion on a variety of substrates.
- Easy application and it gives very smooth surface.
- it gives thickness up to 3 mm .
- Suitable for internal & external application

## Surface Preparation

- All surfaces to be smoothen should be applied in accordance with manufacturer's recommendations, building standards(codes) and or consultant recommendations .
- the surface to be smoothen must be clean , free from dust , grease , paint , loose material etc.
- The surface should be dampened before use.
- To insure satisfactory results and smooth surface, tools and equipment must be kept clean and in good repair to ensure results.

## Directions of use

### Mixing

- Mix the Powder with a clean tap water gradually in a clean plastic container under continuous stirring until a smooth paste formed, (Mixing by electric drill operating at 450 to 650 rpm is preferred).
- The mixture should be left about 10 minutes to settle and should be stirred slightly again.
- Use the mixture formed during 2 hours and don't add water once the mortar starts to harden.

### Application

- Uni Coat putty generally applied in 2 layers.
- by using a flat trowel apply uni coat or by Spraying machine .
- apply a second coat using the same procedure.
- after application smooth away any tool lap marks or other imperfections prior to hardening using a float or a sponge or by light pressing with the application trowel.



## Technical data

Uni Coat Wall Putty	typical Values at 25° C
Form:	cementitious Putty
Colors:	grey, white
Water Ratio:	7:8kg/25 kg bag
thickness:	up to 3 mm
Pot life:	at least 2 h
Open time:	at least 30 min
Flexural strength after 28 days	≥ 6 N/mm <sup>2</sup>
Compressive strength after 28 days	≥ 20 N/mm <sup>2</sup>

## **Coverage Rate & Packaging**

Uni Coat Putty supplied in sacks 25 Kg/ bag.

1.0 : 1.2 Kg/m<sup>2</sup> for 1mm thickness at standard condition.

### **Note :**

Coverage rate depends on substrate condition , method of application and wastage .

## **Curing**

Uni Coat Putty is curing itself , and it does not require water treatment .

It is recommended to apply a single coat with pure bond to enhance surface bonding .

## **Shelf life & Storage**

Shelf-life is at least 12 months .

Store in a dry, well-ventilated and moisture-free place.

The bags should be stacked on wooden pallets about 10 cm at least above the floor.

## **Safety& Precautions**

By taking a few basic precautions, cement based products is one of the safest building materials known Relatively few people involved in mixing, handling, and finishing cement based products have experienced injury.

Protecting head, hands and skin should be sufficient to work safely.

Uni Coat Wall Putty is non-flammable.