

UNICHEM WALL LEVEL

CEMENTITIOUS POLYMER MODIFIED WALL PUTTY

UCA-PP-02-0722

DESCRIPTION

UNICHEM WALL LEVEL is a cement based, high quality, ready mixed, polymer modified, one component putty in powder form.

UNICHEM WALL LEVEL requires the addition of water on site. It reduces surface imperfections, fills minor voids resulting in a uniform, smooth surface. Provides protective base for interior and exterior paints and helps in reducing the frequency of repainting.

USES

- ❖ Can be used in both interior and exterior wall to give a smooth, undulation free surface.
- ❖ It is free from any heavy metals like lead, mercury and chromium.
- ❖ Is an excellent sculpting material .

ADVANTAGES

- Easy to use and apply. Only requires the addition of water on site for ease of use.
- Compatible with most types of paints & coatings such as water based emulsion, oil enamel based, epoxy, polyurethane and cement based coatings.
- Excellent water retention characteristics helps minimizing pre-wetting and water curing.

TYPICAL PROPERTIES

APPEARANCE	White cementitious powder
POT LIFE	60 MINUTES @ 25 °C.
PACKAGING	25 Kg
COVERAGE*	1.4 to 1.8 m ² per kg for 2 coats at a maximum thickness of 1.5 mm. *Actual coverage based on substrate condition, application method, wastage etc.
FINAL SETTING	3 Hours at 25°C
MIX RATIO (for 25 kg bag)	8.75 to 10 litres of water
COMPRESSIVE STRENGTH	~9 MPa (at 28 days) BS EN 1015-11
CAPILLARY WATER ABSORPTION	<0.057 Kg/m ² BS EN 1015-18
BOND STRENGTH	>0.65 MPa (at 28 Days) BS EN 1015-12
SHOWS EXCELLENT ADHESION WITH MOST BUILDING MATERIAL	

The values given above for typical properties are average figures achieved in controlled laboratory conditions. Actual values obtained on site may show minor variations from those quoted.

STANDARDS

UNICHEM WALL LEVEL meets the performance standards of BS EN 1015 & BS EN 998 PART-1

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INSTRUCTIONS FOR USE

SURFACE FOR PREPARATION

Cement based walls and ceilings are the recommended substrates that can be smoothed with UNICHEM WALL LEVEL.

Plastered substrates should be left to cure for at least 3 days prior to application of UNICHEM WALL LEVEL.

All substrates should be in a good and strong condition and free from any loose particles, dust, oil, grease or curing agents. If the surface is dry and in hot weather, pre-wet prior to the application of UNICHEM WALL LEVEL

APPLICATION

Plastered substrates should be left to cure for at least 3 days prior to application of UNICHEM WALL LEVEL. All substrates should be in a good and strong condition and free from any loose particles. Add the required quantity of fresh cool, clean water in one deep container (for one 25 kg bag, add 8.75 L to 10 L of water) . Then add the contents of the bag gradually while mixing till the mixture is uniform and free of lumps. For best results, use as little water as possible. Keep mixing for 3 - 5 minutes to ensure proper mixing and good dispersion of additives.

UNICHEM WALL LEVEL should be immediately applied on the prepared surface while the mortar is fresh and workable. In case of delay, do not add additional water. Remix till the mortar is workable again.

Apply UNICHEM WALL LEVEL to the prepared surface by conventional hand application technique using putty knife / spatula. Leave the first layer to dry for at least 2 hours prior to the application of the following layers. Pre-wet the first layer before applying the following layer . It is recommended to apply UNICHEM WALL LEVEL at 2 layers minimum. Smooth the surface using sand paper till the desired finish is achieved

STORAGE & SHELF LIFE

Original sealed bags of UNICHEM WALL LEVEL has a shelf life of 12 months. UNICHEM WALL LEVEL should be protected from extremes of temperature & Protect from sources of moisture and humidity.

SAFETY PRECAUTIONS

Do not use any curing compounds. It is a cementitious alkaline product. Care should be taken to avoid contact with eyes, skin, mouth and food stuff. Any splashes on the human body must be washed with plenty of water.

LIMITATION OF LIABILITY

This information is based on our current level of knowledge. It is given in a good faith but it is not intended to guarantee any particular properties. The users must satisfy themselves that there are no circumstances requiring additional information or precautions or the verification of details given herein.

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