



ULTRA ADHESIVES IND.L.L.C

ADHESIVES AND COMPOUNDS

أولترابوند
Ultra BOND



www.ultraadhesive.com

EX-505

Ultra FILL[®] **WALLCARE PUTTY**

**POLYMER MODIFIED
CEMENT BASED WALL PUTTY**



Water resistant white cement based wall Putty ideal for use on Plastered/concrete walls and ceilings.

Features / Benefits

- White smooth and glossy finish
- Highly durable & water Resistant
- Anti fungal.
- No need of primer before applying paint.
- Strong adhesion strength.
- No curing required.
- Increases Paint Coverage
- Low VOC
- Complies to HDB, Singapore standard
- Easy for application and papering

Substrates

- Concrete & Concrete Masonry
- Cement Plaster
- AAC Block work
- Cement Backer Board**
- Calcium Silicate Board**
- Gypsum Wallboard**

**Use Ultra Fill PRIMER to seal the pores of the drywall boards. Application of Ultra fill can be done when the primed surface is completely dry.

Application

Designed especially for interior and exterior surfaces. Highly water resistant skim coat which smoothens the surfaces of plaster, ready for subsequent painting work.





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TECHNICAL DATA

Performance Properties:

Ultra Fill Wall care putty when mixed with water

Applicable Standards:

HDB -2012 SINGAPORE STANDARD

HDB Data		
Property: Test Method	Requirement	Typical Values
Initial Setting Time- BS 4551 Part-1	240-360 mints	300 Minutes
Final Setting Time- BS 4551 Part-1	≤ 500 mints	420 Minutes
Tensile Adhesion Strength @ 14 Days- EN 1015-12	≥ 0.8 N/mm ²	1.30 N/mm ²
Compressive strength @ 28 Days - EN 1015-11	7 to 12 N/mm ²	8.4 N/mm ²
Water Absorption Index (Carsten tube) Kg/m ² /vh- DIN 52617	-----	1.02
Water absorption - EN 1015-18	-----	0.03 Kg/m ²
Water Retentivity- BS 4551-1	≥ 95 %	99.8 %

Ultra Fill Wall Care Putty conforms to the requirements of HDB-2012 standard.

Packaging:

1kg, 5kg, 20 kg and 40 kg packs.

Colour:

White Powder

Coverage:

Approx 16 to 20 sft per kg for 2 coats with maximum thickness of 1.5 mm

Coverage will vary depending on absorption, flatness and evenness of substrate

Working Properties at 70° F (21° C)

PROPERTY	TYPICAL VALUES
Dry Mortar Density	950 – 1050 kg/m ³
Wet Mortar Density	1650 – 1750 kg/m ³
Water : Powder Ratio	40-48 : 100
Pot Life	3-4 Hrs
Thickness Per coat	0.5-1 mm
Max Thickness of application	1.5 mm (Two Coats)

INSTALLATION

Surface Preparation:

All Surfaces should be between 40°F (4°C) and 90°F (32°C) temp. It should be free from all dirt, oil, grease, loose sand particles. If it is old painted wall/lime washed wall then first scratch old surface. Dry and absorbent surfaces should be moistened/pre wet with clean water.

Mixing:

Use approximately 8 to 10 L of fresh water for 20 kg Ultra fill wall care putty Water to Powder ratio is approx 40:100. Mix thoroughly till uniform (free from bubbles and lumps) paste occurs. Allow paste to slake for 5-10 minutes. Adjust consistency if necessary. Remix and apply with putty blades.

APPLICATION

Apply two coats of Ultra Fill on the substrate with maximum total thickness 1.5mm with the putty blades. Ensure that the second coat application should be done when the first coat is totally dried/after min. 3hrs. Always prepare a required quantity of putty paste and use it within 2-3 hrs. To remove evenness/application mark and to make glossy surfaces before applying paint use water proof emery paper more than 500 number.

Limitations

Do not directly apply on the fungus and moss affected areas.

Do not apply directly on the dust, loosely bonded particles, oil, Grease etc affected surfaces.

Note: Surfaces must be two coated cement and smooth plaster, structurally sound and stable.

Cautions

Though it contains non toxic material but still care should be taken to avoid dust inhalation while mixing and handling. In case of contact with eyes or mouth, flush thoroughly with plenty of water.

Do not take internally. Avoid breathing dust.

Keep out of reach of children.



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Shelf Life:

Factory sealed containers of this product are guaranteed to be of first quality for nine (9) months * if stored off the ground in a dry area. *High humidity will reduce the shelf life of bagged product.

Specifications subject to change without notification.
Results shown are typical but reflect test procedures used.
Actual field performance will depend on installation methods and site conditions

