ALSHOULA

CEMENTITIOUS WALL PUTTY

Polymer-Modified Cementitious Finishing Compound for Interior and Exterior Walls

Product Description

ALSHOULA CEMENTITIOUS WALL PUTTY is a polymer-modified cementitious finishing compound designed to provide a smooth, uniform surface on concrete walls, ceilings and cement-based plaster.

The product is formulated using white cement, fine mineral fillers, cellulose ethers and workability modifiers to produce a smooth, creamy paste when mixed with clean water.

It is suitable for filling minor surface imperfections, smoothing uneven areas and preparing cementitious surfaces before the application of primer and paint.

Areas of Application

ALSHOULA CEMENTITIOUS WALL PUTTY is suitable for:

- Smoothing concrete walls and ceilings.
- Finishing cement plaster and cement-based render.
- Filling pinholes and minor surface imperfections.
- Correcting shallow surface undulations.
- Preparing walls and ceilings before painting.
- Interior and exterior cementitious surfaces, subject to suitable surface preparation and protective coating.

Features and Benefits

- Strong Adhesion: Provides good adhesion to properly prepared cementitious substrates.
- Smooth Finish: Produces a fine, uniform surface suitable for subsequent painting.
- Good Workability: Provides a smooth, creamy consistency for easy application.
- Moisture Tolerance: Cement-based formulation offers better moisture resistance than conventional gypsum-based putties. It is not a waterproofing membrane.
- Controlled Application: Suitable for thin-layer application to improve surface appearance.
- Exterior Suitability: Can be used on exterior cementitious surfaces when properly applied and protected with a compatible exterior coating.
- White Finish: Provides a bright white surface suitable for paint preparation.

ALSHOULA CEMENTITIOUS WALL PUTTY

لاصق الشعلة
Lasiq alshoula

TECHNICAL DATA

Technical Specifications

The following values are indicative target specifications and must be confirmed through laboratory testing and production quality control.

Property	Typical Value
Product Type	Polymer-Modified Cementitious Wall Putty
Appearance	Fine Dry Powder
Colour	Bright White
Loose Bulk Density (Dry Powder)	1.25-1.40 kg/L
Mixing Water	Approx. 6.5 L per 20 kg bag
Water Ratio	Approx. 30-35% by weight
Adhesion Strength	Target: ≥ 0.8 N/mm²
Compressive Strength	Target: ≥ 7.0 N/mm² at 28 days
Flexural Strength	Target: ≥ 2.5 N/mm² at 28 days
Application Thickness	0.5-2.0 mm per coat
Pot Life	Approx. 60-90 minutes at 25°C
Surface Drying Time	Approx. 2-4 hours
Recoating / Sanding	Approx. 12-24 hours
Application Temperature	+5°C to +35°C
Packaging	20 kg / 25 kg bags
Shelf Life	12 months in original unopened packaging

Note: Mixing water may be adjusted within 6.0-7.0 L per 20 kg bag according to the required consistency. The final water requirement must be confirmed through practical application trials.

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APPLICATION GUIDE

Application Procedure

5.1 Surface Preparation

- Ensure the substrate is sound, stable and free from dust, oil, grease, loose particles and other contaminants.
- Remove weak or deteriorated material before application.
- Repair deep holes and significant surface defects using a suitable cement-based repair mortar.
- Highly absorbent surfaces may require pre-wetting. Allow excess water to drain before application. The surface should be slightly damp without standing water.

5.2 Mixing

- Add approximately 6.5 litres of clean water to a clean mixing container for each 20 kg bag.
- Gradually add the powder while mixing continuously.
- Mix using a low-speed mechanical mixer (approximately 400-500 rpm) for 3-5 minutes until a smooth, homogeneous, lump-free paste is obtained.
- Allow the mixture to stand for approximately 5 minutes, then remix briefly for approximately 1 minute before application.
- Adjust the water quantity within the recommended range if necessary to achieve the required consistency.

Do not add cement, sand or other additives unless specifically approved by the manufacturer. Do not retemper material once setting has begun.

5.3 Application

- Apply the mixed material using a suitable stainless-steel trowel or putty knife.
- Spread evenly in thin layers, typically 0.5-1.0 mm per coat.
- Where additional smoothing is required, apply a second coat after the first coat has sufficiently dried.
- The maximum recommended thickness is 2.0 mm per coat.
- Avoid excessive thickness in a single application.
- Protect freshly applied material from direct sunlight, strong wind, rain and rapid moisture loss, particularly during exterior applications.

5.4 Finishing and Sanding

- Allow the applied material to dry sufficiently before sanding.
- Sand the surface using suitable fine abrasive paper, typically 220-320 grit, to achieve the required smoothness.
- Remove sanding dust completely before applying primer or paint.
- Apply a compatible primer and paint system according to the coating manufacturer’s instructions.

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HANDLING & SUPPLY

Drying and Curing

Stage	Indicative Time
Surface Drying	2-4 hours
Application of Second Coat	After sufficient drying of the first coat
Sanding	Approximately 12-24 hours
Primer and Paint Application	After complete drying

Drying times depend on temperature, humidity, ventilation, substrate absorption and application thickness.

Ensure the material is completely dry throughout its applied thickness before sanding, priming or painting.

Packaging

ALSHOULA CEMENTITIOUS WALL PUTTY is supplied in:

- 20 kg bags
- 25 kg bags

Other packaging options may be available upon request.

Storage and Shelf Life

- Store in a cool, dry and well-ventilated area.
- Keep bags sealed and protected from moisture.
- Store on pallets, away from direct contact with floors and walls.
- Protect from rain, humidity and excessive heat.
- Shelf life is 12 months from the date of manufacture when stored in unopened original packaging under recommended conditions.

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SAFETY & SUPPORT

Safety Precautions

- Cement-based products are alkaline when mixed with water.
- Avoid direct contact with skin and eyes.
- Wear suitable protective gloves, safety goggles and a dust mask during handling and application.
- Avoid inhalation of dust.
- In case of eye contact, rinse immediately with plenty of clean water and seek medical attention.
- Refer to the Safety Data Sheet (SDS) for detailed safety information.

Important Notes

- The product is intended for thin-layer surface finishing and minor surface correction.
- It is not designed for structural repairs or filling moving cracks.
- It does not replace a dedicated waterproofing system.
- Substrates must be structurally sound and properly prepared before application.
- Performance may vary depending on substrate conditions, application thickness, mixing water and environmental conditions.
- A preliminary application test is recommended before large-scale use.

Manufacturer Information

Item	Details
Manufacturer	ALSHOULA ADHESIVES FACTORY
Location	Jeddah, Kingdom of Saudi Arabia
Product	ALSHOULA CEMENTITIOUS WALL PUTTY
Document	Technical Data Sheet (TDS)
Revision	01
Date	November 2026

Disclaimer

The technical information provided in this document represents indicative product specifications and is based on formulation data and practical application experience. Declared performance values are subject to verification through appropriate laboratory testing. Application conditions, substrate characteristics and workmanship may affect the final results. Users are responsible for conducting suitability tests under actual site conditions before use.