

PRIMER SPATOULA FINE

Compliance: EN 1504-3 | EN 998-1 |

**Premium White Cementitious
Fine Repair Mortar**
(Polymer-Modified, Ultra-Smooth Finish)

“Spatula” (or “spatula-grade”) in construction refers to a **thin, smooth, and workable repair material** designed for **fine surface restoration**. It is used for filling cracks, leveling imperfections, and creating ultra-smooth finishes on concrete, plaster, or masonry surfaces



Common Applications

- ✓ Hairline crack repair (0.1–2 mm width)
- ✓ Surface defect correction (scratches, pores, voids)
- ✓ Pre-paint wall smoothing (replaces skim coating)
- ✓ Restoring decorative finishes (venetian plaster, microcement)

Product Description

A high-performance, **white cement-based repair mortar** featuring:

- **Ultra-fine mineral fillers** for exceptional smoothness (p0.2 mm particle size)
- **Proprietary polymer enhancement** for superior adhesion and durability
- **Rheology-modifying agents** for optimal workability and water retention

Designed for **thin-layer applications** (1–5 mm) on concrete, masonry, and plaster substrates.

Technical Specifications

Parameter	Value	Test Standard	Remarks
Chloride Content reinforcement	ρ0.05%	EN 1015-18	Non-corrosive to steel
Compressive Strength	22 MPa	EN 1015-11 (28d)	High early strength
Flexural Strength	5.5 MPa	EN 1015-11 (28d)	Excellent crack resistance
Adhesion Strength substrates	≥ 1.8 MPa	EN 1542 (pull-off)	Superior bond to most



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Parameter	Value	Test Standard	Remarks
Water Retention	≥97%	EN 1015-8	Reduced curing cracks
Shrinkage	<0.02%	EN 12617-4	Minimal dimensional change
Pot Life (23°C, 50% RH)	50 min	EN 13887	Adjustable with mixing water
Frost Resistance	Passed	EN 13687-1 (100 cycles)	Suitable for exterior use
Thermal Stability	-30°C to +80°C	EN 13687-2	Cyprus climate approved
Determination of consistence	165.8mm	EN 1015-3	
Determination of workable life and correction time	480 MIN (8 h)	EN 1015-9	
Determination of air content	7%	EN 1015-7	
Determination of bulk density	1590 Kg/m ³	EN 1015-6	

Formulation Highlights

- **Primary Binder:** High-grade white cement (CEM I 52.5R)
- **Functional Fillers:** Ultra-fine mineral modifiers
- **Performance-Enhancing Additives:**
 - Flexible bonding agents (improves crack resistance)
 - Sag-control rheology modifiers (ensures vertical stability)

Application

Substrate Preparation

- Remove loose particles, oil, and dust
- Pre-moisten highly absorbent surfaces (no standing water)

Mixing & Application

- **Mixing Ratio:** 2.5-3.0 L water per 20 kg powder (adjust for consistency).
- **Mix with clean water** (ratio as per manufacturer, typically ~20-25% by weight).
- **Layer Thickness:** 1-5 mm (single pass)
- **Coverage:** 1.2-1.5 kg/m² per 1 mm thickness (varies by substrate porosity)
- **Shelf Life:** 12 months in original packaging

Applicable Temperature +5°C to +35°C

Max Layer Thickness 5 mm (single pass)

Recoat Time 2-4 hours

Curing Conditions

- Protect from rapid drying (moist cure for 24h recommended)



For any Further Technical Information including SDS, CE labels and Certificates of conformity don't hesitate to contact our QA/QC Department.
We remain at your disposal.

E-MAIL: lab@primeracm.com | Ph.+35725336671



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Building
Materials

Performance Advantages

- ✓ **Architectural-grade finish** – Ideal for visible surfaces
- ✓ **Low shrinkage** – Prevents crack formation
- ✓ **Extended workability** – Adjustable with polymer modifiers

Packaging & Storage

- **Packaging:** 20 kg multilayer paper bags with moisture barrier
- **Pallet Load:** 50 bags (1,000 kg)
- **Shelf Life:** 12 months in original, unopened packaging
- **Storage:** Keep in dry conditions (>5°C, <70% RH)

Safety & Compliance

- **Safety Data Sheet:** Available upon request
- **Wear PPE (gloves, goggles).**
- **CYS EN 1504-3** (Structural concrete repair).
- **CYS EN 998-1** (Specification for mortar).

Special Features

- **Non-corrosive** (very low chloride content)
- **UV-stable whiteness** (resists yellowing)
- **Salt-resistant** (suitable for coastal areas)

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 fields.

The user of the product must test the product's suitability for the intended application and purpose. Primer Cy LTD reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request. It may be necessary to adapt the above disclaimer to specific local laws and regulations.

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