RAMCO HARD WORKER

WALL PUTTY HW310

Smooth-finished interior and exterior plastered walls with a white, paint-ready surface

TECHNICAL DATA SHEET

Product Description

Hard Worker Wall Putty – HW310 is a white cement-based, fine-grade finishing material designed for interior and exterior surfaces. It is used over concrete surfaces, plastered walls and ceilings to deliver a smooth, durable finish that improves paint performance and surface uniformity. The pre-mixed formulation ensures consistency, ease of use, and a polished finish that resists cracks and flaking.

Features

- High whiteness for a bright base coat
- Smooth, even finish
- Good workability
- Provides a strong base for paint adhesion
- Crack-resistant and low-maintenance

Application Areas

Designed for use on a wide range of surfaces, including:

- Concrete surfaces
- Interior plastered walls and ceilings
- Exterior walls and facades
- Drywalls and plasterboard
- Bathrooms and wet areas
- Retrofitting and renovation surfaces in old buildings

Surface Preparation

Ensure the substrate is fully cured, dry, clean, and free from loose particles.

Surface should have adequate texture for bonding.

In hot weather, pre-wet the surface to achieve SSD condition.

Repair visible cracks or voids before application.

Mixing

Add 35 – 40% clean water to the dry mix and blend until a smooth, lump free paste is formed.

Use a mechanical blender.

Mix only the required quantity. Use within 60 minutes of mixing.

Do not remix or add water to partially set material. Avoid mixing beyond 5 minutes.

Technical Properties

Property	Typical Result
Appearance	**White powder**
Water-Powder Ratio	**35 – 40%**
Pot Life	**60 minutes**
Water Retentivity	**90%**
Recommended Layer Thickness	**0.5 mm – 1.5 mm (for single coat)**
Compressive Strength @ 28 Days	**5 – 6 MPa**
Tensile Adhesion Strength @ 28 Days	**0.5 – 1 MPa**

All values tested under standard laboratory conditions.

Packaging & Shelf Life

Available in 40 Kg bags.

Shelf life: 6 months from the date of manufacture when stored in a sealed pack in a dry, shaded area.

Coverage

Approximately 200 sq. ft. per 40 kg bag for two coats @ 1 mm thickness under standard conditions.

Precautions and Safety

Non-hazardous, is cementitious. Use gloves, filter mask, and protective clothing. In case of eye contact, rinse with clean water and seek medical help if irritation continues.

Important Note

Do not apply on damp or moist surfaces.

Technical Support

All values provided are tested under controlled laboratory conditions; performance may vary depending on site conditions and workmanship. For site-specific recommendations, technical data, or detailed guidance, contact the Hard Worker Technical Services Team at:

Toll-free number 1800 202 5700

Email customercare@ramcocements.co.in

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