RAMCO HARD WORKER

TILE FIX SLURRY HW207

Polymer-modified cementitious slurry for wet-on-wet tile fixing on fresh screed

TECHNICAL DATA SHEET

Product Description

Hard Worker Tile Fix Slurry HW207 is a polymer-modified, cementitious tile adhesive supplied in powder form and mixed to a free-flowing slurry consistency for wet-on-wet tiling on fresh cementitious screed. It is designed to bond floor tiles directly onto a freshly laid, uncured screed, eliminating the traditional site-batched cement slurry bond coat.

The polymer modification develops a markedly stronger, more durable bond of the tile to the screed than conventional cement slurry, while the free-flowing consistency spreads readily to give an even, consistent bond coat. The result is faster fixing, higher adhesion to fresh cement, and long-term durability across common floor tile types in both residential and commercial floors.

Features

- Polymer-modified for enhanced adhesion — superior bond to fresh screed compared with conventional cement slurry
- Wet-on-wet system — tiles are laid directly onto fresh, uncured screed
- Free-flowing slurry — spreads evenly for a consistent bond coat
- Eliminates the traditional site-mixed cement slurry
- Longer working time than conventional cement slurry
- No external water curing required
- Compatible with all common floor tile types
- Ideal for residential and commercial floors

Substrates and Applications

Suitable for installation over:

- Freshly laid cementitious sand / cement screed (applied wet-on-wet)
- Ideal for fixing:
- Ceramic, vitrified and porcelain floor tiles
- Stable natural stone floor tiles

Application areas — internal and external floors, in residential and commercial projects, where the priorities are faster tile installation, high adhesion to fresh cement, and elimination of the traditional slurry mix.

Surface Preparation

Ensure the screed surface is fresh, clean, level, and free from loose particles, laitance, and any contaminants that may affect adhesion. The screed should be laid and levelled immediately before slurry application so that tiling is carried out while the screed is still fresh.

Do not apply over screed that has already begun to set. Ensure the screed is sufficiently level to permit the required flatness of the finished tiling. No water curing of the screed is required before HW207 is applied.

Mixing Instructions

Add approximately 60–70% clean water by weight of powder into a clean mixing container. Gradually add HW207 to the water while mixing continuously. Mix thoroughly with a slow-speed mechanical mixer to a smooth, free-flowing, lump-free slurry.

The slurry is ready for immediate use. Remix

occasionally to maintain a uniform consistency. Prepare only the quantity that can be applied while the screed is still fresh, and use the material immediately — do not retemper.

Application Instructions

- Pour the prepared slurry over the fresh screed and spread it evenly. Coat only the area that can be tiled while the slurry is still wet.
- Using a masonry trowel, form a zig-zag pattern over the slurry to promote uniform contact and proper air release.
- Place the tiles onto the slurry-coated screed and tap gently with a rubber mallet to achieve full contact. Leave no voids behind the tiles, checking periodically that good contact is maintained across the back of each tile.
- Use spacers to maintain uniform joint width, and maintain level and alignment with a spirit level throughout.
- Clean surplus slurry from the tile faces and joints before it sets.

Grouting

Allow the tile bed to set for at least 24 hours before grouting. Clean the tile surfaces and joints of any loose slurry. Fill the joints with HW Cementitious or Epoxy Tile Grout (refer HW210 / HW211) as appropriate for the joint width and service conditions. Apply the grout using a rubber float and clean off the excess with a damp sponge before it sets.

Technical Properties

Property	Value
Water Demand	**60 – 70%**
Flow	**300 ± 10 mm**
Coverage	**3 – 4 sq. ft. per kg**
Bond Strength (28 days)	**0.4 – 0.5 MPa**

All values tested under standard laboratory conditions. Performance may vary with site conditions and workmanship.

Coverage

HW207 covers approximately 3–4 sq. ft. per kg. A 20 kg bag therefore provides coverage of approximately 60–80 sq. ft. Coverage will vary depending on the texture and evenness of the screed, tile size, and workmanship.

Package

Available in 20 kg and 40 kg bags.

Shelf Life

Shelf life of 6 months from the date of manufacture when stored in dry, sealed, original condition between +10°C and +50°C. Store bags on pallets, away from moisture and direct sunlight.

Cleaning

Clean all tools with water immediately after application. Do not allow the material to harden on equipment.

Limitations

- For floor applications only — not suitable for vertical / wall installations
- Not suitable for moisture-sensitive natural stones
- Do not apply over screed that has already set
- Do not add cement, sand, or any other additives to the product

Precautions and Safety

HW207 is non-hazardous in normal use; however, as it contains cement it may cause irritation to the skin and eyes. Use suitable protective equipment such

as gloves, goggles, and a mask during handling and mixing, and avoid inhalation of dust or prolonged contact with skin. In case of eye contact, rinse immediately with clean water and seek medical attention if irritation persists. Keep out of reach of children. Clean tools and equipment with water immediately after use.

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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