RAMCO HARD WORKER

TILE GROUT HW210

Polymer-modified, cement-based grout for tile and stone joints

TECHNICAL DATA SHEET

Product Description

Hard Worker Tile Grout HW210 is a high-performance, polymer-modified, cement-based joint filler for tile and stone joints. Formulated from Portland / white cement, graded fillers and chemical additives, it delivers superior adhesion, controlled flexibility and water resistance, sealing joints against moisture and dirt ingress. Available in 40+ shades, it provides a colour-consistent, non-dusting and long-lasting joint finish across interior and exterior walls and floors, including wet areas.

HW210 mixes readily to a smooth, workable paste, applies and cleans easily for faster installation, and requires no water curing.

Features

- Polymer-modified for superior adhesion and water resistance
- Seals joints against moisture and dirt ingress
- Withstands thermal movement and minor surface shifts
- Colour-consistent finish, available in 40+ shades
- Easy to mix, apply and clean
- No water curing required

Application Areas

Recommended for:

- Joints in ceramic, vitrified and other tiles
- Interior and exterior walls and floors

Joint Preparation

Ensure the tile joints are clean and free from dust, adhesive, spacers and moisture. The tile bed must have set before grouting, and the joints must be raked out and cleaned thoroughly to the required depth.

Mixing

Mix 1 kg of HW210 powder with 350–400 ml of clean water to a smooth, lump-free paste. Mix only the quantity that can be applied within the pot life. Do not remix or add further water after the initial mix, as this reduces the final strength.

Application

Compact the grout firmly into the joints using a grout float or putty blade, ensuring the joints are completely filled. Remove excess grout from the tile face with a damp sponge, working in a circular motion. Once the joints have set, polish the tile surface with a dry cloth.

Technical Properties

Property	Value
Appearance	**Powder**
Water Demand	**32 – 35%**
Pot Life	**60 minutes**
Trafficable Time	**After 24 hours**

Property	Value
Shrinkage	**Nil**

Performance Properties

Property	Value
Compressive Strength (28 days)	**7 – 8 MPa**
Bond Strength (28 days)	**0.5 – 1 MPa**

All values tested under standard laboratory conditions.

Coverage

Approximately 30 running metres per kg for 3 × 3 mm joints. Actual coverage depends on tile size, joint width and joint depth.

Package

Available in 1 kg packs, in 40+ shades.

Shelf Life

Shelf life of 6 months from the date of manufacture when stored in dry, sealed condition.

Cleaning

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

Precautions and Safety

Use gloves, mask and eye protection while handling. Avoid contact with skin and eyes; in case of eye contact, rinse immediately with clean water and seek medical attention if irritation persists.

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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