

TECHNICAL DATA SHEET

RAYCO TILE ADHESIVE HEAVY DUTY is a gray cementitious powder specially formulated formulated to be mixed with water to produce a tile adhesive with high bonding strength. It is a high-quality tile adhesive recommended for the permanent fixing of porous to low porous tiles for floor and wall tiling applications.

PRODUCT FEATURES

- High bonding strength
- Good open time
- Ready and easy to use
- Non-sag properties for wall applications
- Non-toxic and non-flammable
- Resistant to thermal deformation
- Can withstand low structural movement

RECOMMENDED FOR

- Porous to low porous tiles
- For floor and wall applications (interior and exterior)

Note: Consult us for proper recommendation on tile adhesive products.

PRODUCT DATA

Color	: Gray
Water	: 5-6 L of water per 25 kg bag of Rayco Tile Adhesive Heavy Duty
Coverage	: Approximately 5 m ² per 25 kg bag at 3 mm bedding thickness.
Packaging	: 25 kg per bag
Storage	: Store in a cool, dry place, away from direct sunlight
Shelf Life	: 12 months from manufacturing date

SURFACE PREPARATION

All surfaces must be sound and thoroughly clean before Rayco Tile Adhesive Heavy Duty is applied. Laitance, oil, grease, mould release agents or curing compound must be removed from the concrete surface using a wire brush, scabber, or other suitable mechanical methods. Rayco Tile Adhesive Heavy Duty can be applied directly on concrete, cement creeds, cement or lime mortars. It is advisable to allow creeds and renders to cure for at least 7 days. Tiles should not be placed on concrete or block work until all shrinkage movement has taken place.

MIXING

Pour 5.0-6 liters of water into a clean container. Slowly add 25 kg of Rayco Tile Adhesive Heavy Duty and mix with a slow speed mechanical mixer until homogeneous and lump-free paste is obtained. Allow the mix to stand for 5 minutes and re-stir before use.

Application

Rayco Tile Adhesive Heavy Duty is spread on the substrate to a uniform thickness. The correct notched trowel size to use will depend on the type and size of the tiles. Lay the tiles onto the adhesive and ensure that a firm pressure is applied to achieve good contact with the adhesive. Apply adhesive only to areas that can be tiled within the product's open time. Careful checks have to be made to ensure that skinning does not occur on the surface of the adhesive before laying the tiles. If a skinning has occurred, rework the adhesive before laying the tiles. Remove excess adhesive with a damp cloth before material has set. After setting, cleaning becomes very difficult but can usually be helped by mechanical means.

HEALTH AND SAFETY

Refer to Safety Data Sheet

WARRANTY

Due to different methods of applications, and the various properties of surfaces, we cannot assume responsibility or liability with regards to the application of our products. Our guarantee and liability are restricted to the quality of our products at the time of acceptance of the customer of such products. In no case, shall our liability extend beyond replacement of defective products, if any, found at the time of acceptance. For all deliveries and services, our General Sales Condition including warranties stipulated for each case is valid

