

SAMTILE® AMF-2

TILE ADHESIVE (CONFORMS TO IS 15477:2019, TYPE 4, T, S2)



DESCRIPTION:

- SAMTILE® AMF-2 is a high strength adhesive and is suitable for tiles and stone-tiles of any size on exterior wall substrates and dry wall-board substrates. It is used in thin-bed method for installation of all types of tiles and natural stone-tiles.
- This adhesive is used mainly for tiles and stone-tiles which are included in Type 1, Type 2 and Type 3 adhesives, but is also intended for installation on dry wall-board substrates.
- Fiber reinforced in the adhesive increases the flexural and bond-strength and impedes the crack propagation in the composite material.
- It is C2 TE S2 class of tile adhesive and hence takes deformation greater than 5.0mm.

METHOD OF APPLICATION:

- Take the entire pack of 20-kg SAMTILE® AMF-2. Add 5.0 ltrs of water and mix properly with mixing machine. Apply on the substrate with a square-notch trowel in thin-bed method for installation of all types of tiles and natural stone-tiles. Substrates like plaster and concrete should be dust-free and saturated with water.

RECOMMENDED APPLICATIONS:

- SAMTILE® AMF-2 is ideal for tiles and stones of any size to be installed on exterior wall-substrates, like plaster and concrete, and dry wall-board substrates, like Gypsum-boards, Plywood, Wood, Calcium Silicate Boards, medium density fiber boards, fiber cement boards, bison, panel etc.

PACKING DETAILS:

- 20-kg HDPE bags

TECHNICAL DATA:

Appearance	Grey / white ready-mixed
Water required for SAMTILE® AMF-2 grey / white	4.0 ltr per bag of 20-kg
Temperature range for application	5 – 35 °C
Bed thickness obtainable	2–15mm
Open time	Not less than 30 minutes
Adjustability	Not less than 25 minutes
Foot traffic	≈ 24 hours
Grouting	≈ 8 h on wall and ≈ 24 h on floor
Interval before normal use	≈ 7 days
Coverage	1.2 kg/m ²
Pot life	Approximately 3 hours
Shelf life	12 months in the original packaging in dry environment

FINAL CHARACTERISTICS:

Tensile adhesion after 28 days	Dry condition: ≥ 1.5 N/mm ² Wet condition: ≥ 1.0 N/mm ²
Shear adhesion after 28 days	Dry condition: ≥ 1.5 N/mm ² Heat aging condition: ≥ 1.0 N/mm ² Wet condition: ≥ 1.0 N/mm ²
Final deformation	≥ 5.0mm
Slip test	≤ 0.5mm

CONSULT OUR PRODUCT APPLICATION DEPARTMENT (PAD) IN CASE OF ANY DIFFICULTY OR FOR TECHNICAL ASSISTANCE

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The details given here are based on our laboratory and field observations and as such as construed to be reliable. But we shall not accept responsibility for any work carried out with our material as we do not have control over other ingredients, workmanship and field conditions. This data sheet is subject to change in view of constant research and development being undertaken in our laboratories. Customers are advised to contact SAMROCK for the latest version.

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