

# SAM TILE® AMF-2

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



## DESCRIPTION:

- SAM TILE® 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 SAM TILE® 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:

- SAM TILE® 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:

<b>Appearance</b>	Grey / white ready-mixed
<b>Water required for SAMTILE ® AMF-2 grey / white</b>	4.0 ltr per bag of 20-kg
<b>Temperature range for application</b>	5 – 35 0 C
<b>Bed thickness obtainable</b>	2-15mm
<b>Open time</b>	Not less than 30 minutes
<b>Adjustability</b>	Not less than 25 minutes
<b>Foot traffic</b>	≈ 24 hours
<b>Grouting</b>	≈ 8 h on wall and ≈ 24 h on floor
<b>Interval before normal use</b>	≈ 7 days
<b>Coverage</b>	1.2 kg/m 2
<b>Pot life</b>	Approximately 3 hours
<b>Shelf life</b>	12 months in the original packaging in dry environment

## FINAL CHARACTERISTICS:

<b>Tensile adhesion after 28 days</b>	Dry condition: $\geq 1.5 \text{ N/mm}^2$ Wet condition: $\geq 1.0 \text{ N/mm}^2$
<b>Shear adhesion after 28 days</b>	Dry condition: $\geq 1.5 \text{ N/mm}^2$ Heat aging condition: $\geq 1.0 \text{ N/mm}^2$ Wet condition: $\geq 1.0 \text{ N/mm}^2$
<b>Final deformation</b>	$\geq 5.0 \text{ mm}$
<b>Slip test</b>	$\leq 0.5 \text{ mm}$

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

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