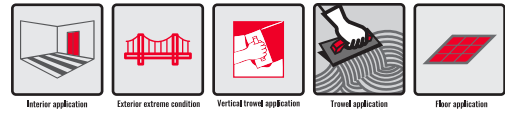


# SAMTILE<sup>®</sup> AM ADHESIVE MORTAR



## DESCRIPTION:

- SAMTILE<sup>®</sup> AM, conforming to IS 15477:2019, Type 2, a product with License for use of BIS / ISI Certification Mark, is a special purpose Adhesive for thin-bed installation of tiles with apparent porosity of below 3% on all interior & exterior floor & wall even in wet, submerged condition. It is also recommended for tile-on-tile application.

## METHOD OF APPLICATION:

- Mix thoroughly 20-kg of SAMTILE<sup>®</sup> AM with 5.0 ltrs of water till it becomes homogenous
- SAMTILE<sup>®</sup> AM is ready for application

## TECHNICAL DATA:

- Ready to use (only addition of water is required)
- Water required for mixing: 5 ltr per bag of 20 kgs
- Open time: ≥20 minutes
- Adjustment time: ≥20 minutes
- Pot-life: 120 minutes
- Maximum thickness obtainable: 2-12mm
- Coverage: 2.5-4.0 kg/m<sup>2</sup>
- Shelf life: 12 months in the original packing in dry environment
- Temperature for application: 5 to 35°C
- Form: Powder
- Colour: Grey / White

## SAFETY:

- Use gloves, protective clothing, goggles & suitable respiratory protective gear

## PACKING DETAILS:

- 20-kg HDPE bags

## APPLICATION:

Tiles & Stones to be fixed	Surface / substrate to be applied on	Area of application
Vitrified tiles, glass mosaic, stones of size above 300mm x 300mm	Cement plaster, cement concrete, cement screed & for tile-on-tile application	Interior & exterior floor & wall even in wet, submerged condition

## PHYSICAL PROPERTIES:

Characteristics	BIS Requirements (Minimum)	Results
<b>Tensile Adhesion Strength</b> a) Dry condition (28 day) b) Wet condition (28 day)	1.00 N/mm <sup>2</sup> 1.00 N/mm <sup>2</sup>	>1.2 N/mm <sup>2</sup> >1.2 N/mm <sup>2</sup>
<b>Shear Adhesion Strength</b> a) Dry condition (28 day) b) Heat aging condition (28 day) c) Wet condition (28 day)	1.25 N/mm <sup>2</sup> 1.00 N/mm <sup>2</sup> 1.00 N/mm <sup>2</sup>	>1.3 N/mm <sup>2</sup> >1.2 N/mm <sup>2</sup> >1.2 N/mm <sup>2</sup>

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

SAMROCK products are guaranteed for the performance of material and manufacture.  
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.

## **SAMROCK CHEMICALS (i) LTD.**

ISO No : 9001 | CIN No. : U24231GJ1991PLC015607

302, Chanakya Building, Near Dinesh Hall, Ashram Road, Ahmedabad, Gujarat - 380009

Call : +91 9825011576 | Email : [info@samrockchem.com](mailto:info@samrockchem.com)