

TA20 TILE ADHESIVE

DS-EN-TA20-0726

PRODUCT NAME

TA20 Tile Adhesive

COLOR

Grey

MANUFACTURER

T M Building Materials Pvt. Ltd.

Plot No.49/92, Site-IV, Sahibabad Industrial Area, Uttar Pradesh, India

Tel: +91-120-43020132

Website: www.tammyindia.com

PRODUCT DESCRIPTION

TA20 is a polymer modified adhesive mortar, simply mix with water when use. Product has the characteristics such as safe and environmental protective with durable and reliable bond strength, water resistance and weather resistance, high application efficiency, etc. Suitable for interior wall and floor ceramic tile installation, for large area ceramic tile installation with a water absorption rate of 5% or higher, it has better competitive advantage.

FEATURES AND BENEFITS

- EN: 12004/ISO 13007 C1T IS 15477:2019 : TYPE 1T
- Ceramic tile soaking in advance is not must
- Easy to use, just mix with water
- Non-Sag Performance
- High bond strength
- Green environmental protection

USES

- Interior floor ceramic tile installation
- Interior wall ceramic tile installation with a water absorption rate of 5% or higher

SUITBLE SUBSTRATES

- Concrete

- Cement plaster and mortar
- Existing ceramic tile and stone

PACKAGING

20kg/bag

APPROXIMATE COVERAGE

1.3-1.6kg/mm/m²

(Note: The coverage is approximate , which depends on the conditions of the substrate, stone size, and application method.)

SHELF LIFE

Storage temperature range between 5°C and 35°C, in dry and cool area, the product shelf life in factory sealed containers is 12 months..

* High humidity will reduce the shelf life of bagged products.

LIMITATIONS AND CAUTIONS

- Keep out reach of children.
- Don't change the mix ratio of this product and water. Don't add other materials and additives.
- The mixed adhesive should be finished within 4 hours and stir it once every half hour during the installation to keep better operational performance, any cured adhesive is forbidden to use again.
- Any subsequent installation (grouting) or walk are only allowed to start 24 hours after curing.
- The temperature suitable for construction is 5 to 35°C. Protection measures should be provided if the weather is too cold or too hot or the environment is too humid. Avoid installation in high temperature, raining day, icy weather. Avoid installation under strong sunshine or strong wind.
- The bibulous rate is less than 5% of the installation of the porcelain tiles, before use, please consult technical service department of TAMMY to obtain professional guidance.
- Avoid contact with eyes or prolonged

contact with skin.

- Do not take internally.

TECHNICAL DATA

PHYSICAL PROPERTIES

(Meets or exceeds GB/T 25181-2010 standard. Water amount is 15%)

Test	Testing Results	Specification
Original Tensile Adhesive Strength /MPa	0.8	≥ 0.5
Water Immersion Tensile Adhesive Strength /MPa	0.6	≥ 0.5

WORKING PROPERTIES (21°C)

Open Time	20 minutes
Operating time	2.5 hours
Time to Heavy Traffic	> 24 hours
Wet Density	1640kg /m ³

APPLICATION

TOOLS

Low-speed Mixer, Mixing Container, Notched Trowel, Rubber Hammer, Flat Hardboard, Plaster Trowel, Cross Positioning Clamp, Tile Cuter, Utility Knife etc.....

SUBSTRATE PREPARATION

Substrate should be firm, flat and clean. The smooth concrete surface with curing agents and demoulding agents should apply buffing, roughing procedure before installation. Leveling the un-flat substrate surface with mortar. To the dry substrate with high water absorption rate, wet with water and wait for the water to penetrating completely with no surface water left before installation.

INSTALLATION

1) Mixing

Powder mix with water in weight ratio of 4 to 1. Water amounts should be carefully measured to ensure proper mix ratio. Blend with a low-speed mixer. Waiting for 5-10 minutes. Allow mortar to slake for 2 minutes, and mix

again.

2) Application

Apply adhesive to the surface to be tiled using an appropriate sized U-notch or square notch trowel. Apply adhesive only to an appropriately sized area that can be tiled in 10-15 min or 1m². Back butter large tile (greater than 300mmX300mm) to ensure full bedding. Place tiles into the wet adhesive and beat in place using a rubber mallet.

3) Grout

24 hours after curing at 21°C is needed before grouting.

AVAILABILITY AND PRICE

AVAILABILITY

TAMMY products are available worldwide.

For distributor information:

Tel: +91-120-43020132

Email: www.tammyindia.com

PRICE

Contact a TAMMY representative / Authorized dealer in your area.

TECHNICAL SERVICE

TECHNICAL ASSISTANCE

Information is available by calling the TAMMY Technical Service at:

Tel: +91-120-43020132

Email: info@tammyindia.com

DS AND MSDS

DS and MSDS are available on TAMMY website: www.tammyindia.com

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