

TW75 WATERPROOFING MORTAR

DS-EN-TW75-0727

PRODUCT NAME

TW75 Waterproofing Mortar

COLOR

Grey

MANUFACTURER

Tammy Energy-Saving Building Materials (Beijing) Co., Ltd

Website: www.thmaterials.com**Customer Service Hotline:**

400-811-1515 (China)

86-10 68315916 (International)

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PRODUCT DESCRIPTION

TW75 is a two-component flexible waterproofing coating with high quality polymer emulsion, silicate cementing material, additives and natural mineral aggregates. The product has been designed to be mixed on-site, applied to substrate.

FEATURES AND BENEFITS

- Non-hazardous, green and environment friendly
- Strong adhesion
- Flexible, can cover small crack
- Easy to use, cost-effective
- Excellent weather resistance and water resistance

USES

- Kitchens, laundries and bathroom
- Balconies, decks and basements
- Interior and exterior
- Pools

PACKAGING

20kg/pail

APPROXIMATE COVERAGE

2 – 2.6kg/m²/mm

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

- Should not be used when the temperature is below 5°C.
- All the mixed material should be used up within 1 hour after mixing
- Once material is cured, water or liquid should not be added for re-mixing.
- The membrane is not MUST be protected with other finishing.
- Must straightly follow manufacturer's written instructions.
- 24 to 48 hours is needed before conducting flood test.
- The product contains cement that is stimulus to eyes and the skin, necessary protection tools (clothes) are needed during installation. In case of splashing to the eyes, clean with sufficient water and go to see the doctors when necessary.
- Keep out of reach of children.

TECHNICAL DATA

PHYSICAL PROPERTIES

(Meets or exceeds JC/T2090-2011 I standard.)

Test		Specification (Type I)	Test Result
Time of Trying/h	Surface drying time	≤4	40min
	Full drying time	≤8	2h20min
Impermeable Pressure/MPa		≥0.5	1.0
Flexibility/mm	Lateral deformation	≥2.0	21.4
Bond Strength /MPa	Without Treatment	≥0.7	0.9
	Damp Surface	≥0.7	1.0
	Alkali Treatment	≥0.7	1.1
	Water Immersion	≥0.7	1.1
Compressive Strength/MPa		≥12.0	23.3
Flexural Strength/MPa		≥4.0	7.2
Alkali Resistance		No cracking and spalling	No cracking and spalling
Heat Resistance		No cracking and spalling	No cracking and spalling
Freezing Resistance		No cracking and spalling	No cracking and spalling
Shrinkage		≤0.3%	0.1%

APPLICATION

1) Surface Preparation

All surfaces must be sound, clean, free of oil, wax, frost, curing agents, form release agents or other inhibiting contaminants, before application of TW75 Waterproofing Mortar. Typically, concrete surfaces can be cleaned using a high pressure water jet.

No cracking at the corner or at the pipe root.

2) Mixing

Based on the powder: liquid mixing ratio = 4:1 (weight ratio), carefully pour the liquid into a clean mixing container and slowly add the powder. Mix with a low-speed mixer (about 350rpm) to a smooth, creamy paste consistency.

Allow the material to slake in the container for 10 minutes and remix for about 3 minutes.

3) Application

The datasheet is subject to change without notice. For the latest version, visit www.thmaterials.com

Apply mixed materials evenly on the surfaces for at least two times. The first coat should be applied at a wet film thickness of 1mm along the horizontal direction.

Allow first coat to cure for 2 to 4 hours. The first coat should be left dry to the touch. The second coat should also be applied at a wet film thickness of 1mm along the vertical direction.

AVAILABILITY AND PRICE

AVAILABILITY

TAMMY products are available worldwide.

For distributor information:

Tel: 400-811-1515 (China)

86-10 68315916 (International)

Email: tammy@thmaterials.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: 400-811-1515 (China)

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DS AND MSDS

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

**TAMMY ENERGY-SAVING BUILDING
MATERIALS (BEIJING) CO., LTD**

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