



# STARFIX

## TA-111 (Tile Adhesive)

## Product Data Sheet



### Description

**Starfix TA-111** Floor and Wall Thin Set adhesive is a bagged cementitious powder to be mixed with water for installing ceramic tile on new surface using the thin-bed method of installation. It has been reduce use of natural sand & Water which help to protect environment.

### Technical Information

Form	Powder
Colour	Grey
Pot Life (@ 25°C)	3 - 4 Hours
Open Time (@ 25°C)	30 – 40 min
Adjusting Time	25 min Approx.
Dry Density	1.45 ± 0.05
Wet Density	1.90 ± 0.05
Compressive Strength	2000 psi
Tensile Strength	0.90 N/mm <sup>2</sup>

### Application

TA-111 Can be used for interior applications on floors and walls over new masonry, concrete, mortar beds and cement plaster.

### Advantages

- It has excellent water and Impact resistance
- Excellent adhesive strength
- Good slip resistance
- Minimum shrinkage
- Highly polymer modified.
- Best workability
- Dual Purpose – for walls and floors

### DIRECTIONS FOR USE

#### Surface Preparation

All surfaces should be between 40 °F (4°C) and 90°F (32°C) and structurally sound, clean and free of all dirt, oil, grease, concrete sealers or curing compounds.

#### Mixing

Add 5 to 6 liters of cold, clean, potable water for 20 kg. Bag of STARFIX TA-111 adhesive mortar powder. Take water in the container and slowly add the powder in to the water while mixing by hand or slow speed mixing machine and mix until a uniform, lump-free, smooth, thick consistency is achieved.

#### Application

Starfix TA-111 should be applied after proper surface preparation. Apply using a flat trowel at a thickness of 3 mm and level it by notched trowel. The thickness of the ribs will depend upon the size of tile. Do not spread more than 1 sq. meter at a time. Fix the tiles immediately with sliding motion to avoid poor bond. Adjust the position of tile before the open time of mortar otherwise it will effect on bond strength. After the completion of fixing tiles remove the excess mortar by using a damp cloth before setting of material. Wait till 24 hour after that you can fill grout STARFIX JF001.

#### **Coverage**

45 - 55 Ft<sup>2</sup> / Bag with bed thickness with notched trowel.

#### **Packing Size**

20 kg bag

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### HEALTH & SAFETY:

*As with all chemicals, caution should always be exercised. Protective clothing such as gloves and goggles should be worn.*

*INHALATION: Inhalation of vapor or mist should be avoided. If inhaled symptoms include coughing, wheezing, laryngitis, and shortness of breath, headache, nausea, and vomiting. Immediately shift victim to fresh air, and, if needed immediately start artificial respiration. Give oxygen if breathing is labored. Get emergency medical help.*

*EYE CONTACT: Flush eyes with water for 15 minutes and call for medical help.*

*INGESTION: Causes nausea, vomiting, and loss of consciousness. If accidentally swallowed do not induce vomiting rather call for medical help immediately.*

*SKIN CONTACT: Flush with water or soap and water until all traces have been removed. Seek medical attention if required.*

### WARRANTY

*The information given is based on our knowledge and performance of the material. Every precaution is taken in the manufacture of the product and responsibility is limited to the quality of supplies with no guarantee of results in the field, as manufacturer has no control over site conditions or execution of work.*

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