



## **FAIRFIX MORTAR**

### **CERAMIC AND VITRIFIED TILE MORTAR**

#### **BENEFITS**

- It is prepacked factory controlled which ensures consistent quality.
- Excellent adhesive.
- Easy to use.
- Cost effective.
- Excellent waterproofing characteristics.
- Can also be used for fixing of acoustic and insulating board.
- Internal & external bonding of ceramic tiles and mosaics.

#### **USES**

**FAIRFIX MORTAR** is a tile adhesive for the permanent fixing of ceramic and vitrified tiles.

#### **STANDARD**

It conforms to **IS 15477 : 2004**. **FAIRFIX MORTAR** is approved by **Bureau of Indian Standard** vide ISI registration no. **CM/L-3717363**. It also conforms to **ANSI A118.1- 1999 & Type C1 of EN12004**.

#### **DESCRIPTION**

**FAIRFIX MORTAR** is a prepacked cementitious tile adhesive which ensures excellent bond on concrete and plastered surfaces.

#### **TYPICAL PROPERTIES**

<b>Base</b>	:	Cementitious material
<b>Appearance</b>	:	Grey or white powder
<b>Mix ratio</b>	:	Approx. 3:1 (by volume)
<b>Open time</b>		
<b>(As per EN1346)</b>	:	>20 min
<b>Bond Strength</b>		
<b>(As per EN1348)</b>	:	>0.5 N/mm <sup>2</sup>
<b>Application Temp.</b>	:	5°C to 40°C
<b>Adjustability time</b>	:	~30 min
<b>Trafficable time</b>	:	24 hrs.
<b>Use</b>	:	14 days

#### **APPLICATION**

**Surface Preparation** : All surface must be sound and thoroughly cleaned before **FAIRFIX MORTAR** is applied. All traces of greases or oil must be removed with **FM DEGREASER**. All loose particles of mortar and points must be removed.

**Mixing** : **FAIRFIX MORTAR** should be mixed with water in the ratio of 3:1 (**FAIRFIX MORTAR : WATER**) by volume. Water can be reduced or increased slightly to get required consistency. A slow speed drill attached with a suitable mixing paddle is recommended. Hand mixing may be allowed if drill/paddle is not available. After mixing wait for 5 minutes then remix and use.

**Fixing of Tiles** : **FAIRFIX MORTAR** should spread on the substrate to a uniform thickness of 3mm (minimum) by notched trowel. Choose work area so that they can be tiled in adhesive within the open time to obtain good adhesion to the substrate the following system is recommended. First apply a thin coat of **FAIRFIX MORTAR** by using the smooth side of the trowel and immediately afterwards apply the desired thickness of Fairfix Mortar using the toothed side of the trowel.

**Finishing** : Remove excess adhesive with a damp cloth before material has set. Joint grouting may be commenced 24 hours after tiles have been laid.

**Additional Information** : For filling tile joint **FAIRFIX TG** is used.

#### **LIMITATIONS**

Do not use **FAIRFIX MORTAR**

- On wooden substrate
- On gypsum board or light weight concrete wall
- On metal, rubber & PVC
- With large size tiles

#### **PACKING & COVERAGE**

20 kg of woven bag.

20 kg of **FAIRFIX MORTAR** will cover

- For small tiles approx 2kg/m<sup>2</sup> (approx 1.3 mm thickness).
- For normal size tiles approx 2.5 - 3 kg/m<sup>2</sup> (approx 2mm thickness).
- For external floor & walls, approx 5 kg/m<sup>2</sup> (approx 3.3 mm thickness).

# FAIRFIX™ MORTAR



## SHELF LIFE & STORAGE

**FAIRFIX MORTAR** will have a shelf life of **24 months** in unopened containers when kept in dry conditions at a temperature between 5°C to 45°C. Storage at higher temperature or high humidity may reduce shelf life.

## HEALTH & SAFETY

**FAIRFIX TA STD** is non-toxic. However, splashes on the skin should be washed well with water and if contact with eye occurs, wash well with water and seek medical advise.

## QUALITY ASSURANCE

Fairmate manufactures entire range of construction chemicals under compliance of ISO 9001, ISO (EMS) 14001 & OHSAS 18001 (Occupational Health and Safety) certified by ISOQAR / UK.

## TECHNICAL SERVICES

While new advances and changes will take place but one thing will never change is quality and meeting special needs of our customers. Our laboratory in Baroda and technical personnel & experts are available to provide additional information and technical assistance. We are eager to work with you in development of new product and resolve your problem.

## OUR RANGE OF PRODUCTS

<b>CONCRETE ADMIXTURES</b> <b>WATERPROOFING SYSTEMS</b> <b>ENGINEERING GROUTS</b> <b>INDUSTRIAL FLOOR SURFACES</b>	<b>CONCRETE REPAIRS</b> <b>SURFACE TREATMENT</b> <b>PREPACKED CONCRETE MORTAR</b> <b>PROTECTIVE COATING</b>	<b>HIGHWAY REPAIR</b> <b>LIQUID FLOOR</b> <b>WALL FINISHING SYSTEM</b>
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