

Technical Characteristics

Trender Matrix

	Self-curing	Regular
Form of material	Powder	Powder
Bulk Density Kg/Cu.mtr	~1200	~1200
Comp.strength @ 7 days in N/mm2	~2.6	~3.4
Comp.strength @ 28 days in N/mm2	~4.9	~5.5
Flexural strength@ 28 days in N/mm2	~1.48	~1.52
Bond Strength @ 28 days in N/mm2	~0.56	~0.73

Trender Sand

Bulk Density Kg/Cu.mtr	~1550
Max. Size	~2.36 mm
Zone as per IS	III
Reactivity	Inert
Source	Granite Rock
Manufacturing process	VSI

PACK SIZE:

Trender Matrix: **6kg & 30 Kg**

Trender Sand: **45kg**

TRENDER
MATRIX

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SAND

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MATRIX

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SAND

RECOMMENDED MIX PROPORTIONS:

Interior Areas

1 bag(6kg) **Trender Matrix** +1 bag(45kg) **Trender Sand** or 1 cft of river sand/m-sand

Exterior Areas

1.25 bags(7.5 kgs) **Trender Matrix** +1 bag(45kg) **Trender Sand** or 1 cft of river sand/m-sand

Concrete Substrates

2 bags(12kg) **Trender Matrix-Self curing** or **Trender Matrix-Regular** +1 bag(45kg) **Trender Sand**

APPLICATION:

- Wet the substrate and allow the water to drain off completely
- Prepare a rich spatter-dash with 1 part by weight **Trender Matrix** and 3 parts by weight **Trender Sand** in a liquid consistency and apply it on the substrate.
- On non-absorbent substrates such as concrete, spatter-dash should be prepared by mixing 1 part by weight of **Trender Matrix** to 2 parts by weight of **Trender Sand**
- Wait for a few minutes before plaster is applied..
- Traditional application tools and methods can be adopted for plastering. For better results and increased productivity please check our website for improved application methods

Manufactured/Packed/Marketed by
TRENDER INNOVATIONS PVT LTD

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CONTACT:

Disclaimer: The company cannot be held responsible for the performance of the products as it is dependent on various factors that include quality of water, proper mixing and application practices adopted, etc..

**A RADICAL
PRODUCT
THAT
CHANGES
THE
RULES OF
PLASTERING**

PRESENTING A UNIQUE
**SELF-
CURING
PLASTERING
SYSTEM**
WHICH REPLACES
THE OBSOLETE AND
CONVENTIONAL
CEMENT & SAND MIX



Trender Matrix is a universal plastering adhesive that replaces cement in all plastering applications

Trender Matrix is a combination of high purity Hydrated Lime and Cement, fortified with Fibers, Polymers and other additives. The self-curing variant of **Trender Matrix** as the name suggests is designed to completely avoid **curing**. While this variant requires no water for curing, also saves on manpower costs used for the activity. **Trender Matrix** uses much less quantity of cement that makes the mix leaner and helps in lower heat of hydration. Hydrated Lime in the product makes the plaster more flexible and also helps in partial self-repair of cracks by carbonation in the long term.

Trender Matrix is a universal plaster and can be used with either river sand or m-sand



Trender Sand is manufactured sand of <2.36mm grain size, devoid of organic material and comes packed in 45-kg bags and replaces use of river sand.

Inherent problems associated with traditional plaster

Cracks and de-bonding are inherent in any traditional plaster made of cement and sand. While cracks can be attributed to factors such as structural issues, settlement, substrate quality, etc., the majority of it is caused by poor knowledge on quality of materials used and application methodology. The conventional mix of cement with river sand or m-sand cannot mitigate crack formation or de-bonding. The factors contributing to these can be broadly described as

- Use of rich mix of cement
- High percentage of ultra fines in sand
- Improper and deficient curing
- Over-troweling of the surface
- Organic material in sand
- Inconsistent proportioning
- Quick drying
- Poor application and finishing techniques

Plaster making requires **special products** that is designed to resist cracks and other general issues including poor and inconsistent application practices.

"Trender Matrix, a combination of cement, hydrated lime and additives, engineered and designed with properties that will resist crack formation in plaster. It can also better withstand the problems associated with poor application methods."

Advantages of Trender Matrix

- Superior product
- Crack resistant
- Huge savings in curing water
- Economical
- Easy maintenance
- Better coverage
- Better workability
- No special skills required for application
- Environment friendlier

TRENDER MATRIX IS ALSO AVAILABLE IN REGULAR VARIANT WHICH REQUIRE CURING

	Self-curing	Regular
Curing	No-curing	Minimum curing 7-days
Substrates	All substrates	All substrates
Exposure	Interior Exterior	Interior
Coverage for 20mm thickness	Approx. 16 Sq.ft for a mix of 6-Kg Trender Mix and 45-Kg Trender Sand	Approx. 16 Sq.ft for a mix of 6-Kg Trender Mix and 45-Kg Trender Sand