

High Performance Premium Tile Adhesive



TRANSFORM YOUR WORLD

Resistant to Stains and Seepage

Good Water Retention

Water Resistant

High Bond Strength

No Hollowness between Tile and Substrate

Thin Layer Setting

ADHESIVE FOR CERAMIC TILE

Product Description:

LASEC Tile Adhesive is a Portland Cement based polymer modified quick set Ceramic Tile Adhesive specially designed for all variety of applications for fixing all tiles on internal / external wall and floor surfaces.

This high performance **Tile Adhesive** also has an excellent waterproofing ability. When properly applied, it takes care of hollowness problem as well as giving excellent bond on cementitious surfaces like concrete and plaster.

Applications:

For fixing all types of ceramic tiles on interior & exterior floor & wall surfaces.

Pack Size:

20 kgs.

Shelf Life:

1 year in dry unopened bags.

Technical Data: (Type-1)

Loose Bulk Density	1.622 kg/litre
Compacted Density	2.004 kg/litre
Final Setting Time	4 Hours
Initial Setting Time	30 minutes
Adjustability	25 minutes
Curing Time	Approx 1 Day
Maxium Strength	Approx 14 Days
Shear Strength	0.5 N/mm ²
Compressive Strength	12.9 N/mm ²
Linear Shrinkage	Nil
Consistence (110 cc of Water 750 grams of adhesive)	14.7%

Advantages:

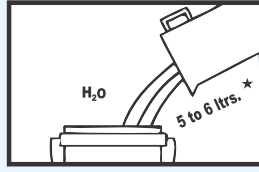
- Easy to use
- Self curing adhesive
- Flexible, shock and Impact resistant
- High bond strength
- Fast and economical

Method of Application:



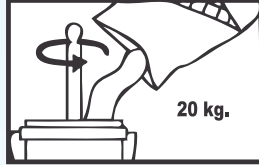
1

Remove all Dust, Water, Oil & Sealers from Surface/ Substrate.



2

Add 5 to 6* ltrs water in to empty bucket.



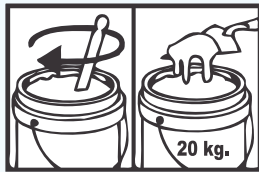
3

Add 20 Kg *Tile Adhesive* Thin Set Adhesive in to water and mix it till attains Uniform Paste.



4

Slake the Material for 5 to 10 minutes.



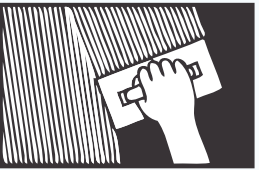
5

Again Mix the material then take the material on notch trowel.



6

Use flat side of the trowel and spread the adhesive uniformly.



7

Comb the adhesive with the help of Notch trowel.



8

Spread the material backside of the tile also (If tile size is More than 12"X12").



9

Press the tiles firmly into position by Twisting Action.



10

Press the tile gently with help of Wooden Hammer to make uniform tile surface.



11

Clean the Tile surface with wet Cloth.



12

For Foot Traffic wait up to 24 Hrs.



13

After 24 Hrs you can do the grouting.

* The POWDER:LIQUID ratio may vary according to the job conditions

TILE FIXING COMPARISON

Traditional cement Sand Mortar / non branded tile adhesive	LASEC Tile Adhesive
Slow Fixing	Faster Fixing
Curing required	Curing Not required
Poor Workability	Good Workability
Typical Application	Easy to Apply
Short Open Time and Adjustability	Adequate Open Time and Adjustability
Poor Water Retention	Good Water Retention
Very Low Bond Strength	High Bond Strength
Hollowness Problem	No Hollowness between Tile and Substrate
Required Bed Thickness 20-30 mm	3-6mm Thickness adequate mostly
Add more weight and thickness	Reduced Weight & Thickness of structure
Not Water Resistant	Water Resistant
Chipping Required	Can be use Directly on any surface
Stains, Seepage, & Discolouration is possible.	Resistant to Stains, Seepage & Discoloration





TILE ADHESIVE

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