

Classic Gray Tile Adhesive



Shri Chemical's tile adhesive is a curing solution to glue various tiles, marbles, and stones. Formulated with high-quality cement, fine sand particles, and chemical additives, the tile adhesive strongly binds materials to create a durable, water-resistant, and shrinkage-free component.

Area of Application

This product is designed especially for interior floors and walls and exterior floors, for the installation of all types of ceramic, semi-vitreous and vitrified tiles and natural stones. It can be used in dry, wet and submerged areas such as swimming pools, saunas, kitchens, bathrooms etc.

Substrates

Cement screed
Cement plaster
Concrete masonry
Brick masonry
Cement terrazzo
Existing vitrified tile* and ceramic tile*
Existing natural stone*

Key Benefits and Features

Single component, just add water
Superior bonding with all cementitious substrates
Sag resistant for vertical application
Tile on tile application
Water and shock resistant
Slip resistance as per BIS norms
Easy mixing and smooth application
Hi-bond strength

Typical Properties

Color	Grey
Powder Density	1.28 - 1.48 Kg/Litre
Open Time	15 ± 5 Minutes
Adjustment Time	20 ± 5 Minutes
Pot Life	90-120 Minutes
Water-Powder Ratio	24% -27%
Foot Traffic/ Ready To Use	24 Hours

Technical Information

Sr.no	Name of Test	Unit	Test Result
1	Water Demand	%	30.40
2	Open Time	Minute	60
3	Adjustability	Minute	15
4	Pot Life	Minute	390
5	Setting Time	Hrs	12
6	Shear Strength Dry (28) Days	N/mm ²	1.91
7	Shear Strength Wet (28) Days	N/mm ²	1.42
8	Shear Strength heat Aging (28) Days	N/mm ²	1.13
9	Tensile Strength Dry (28) Days	N/mm ²	1.02
10	Pull Out Adhesion (28) Days	N/mm ²	1.00

