

# Tile Prime

## Tile Adhesive



### Description:

Sky Crete Tile prime grey is highly polymerized, cement-based tile Adhesive. It is suitable for fixing mosaics, stones, vitrified & non vitrified tiles, marbles and granites. skycrete consists specialized polymers which combine to give high bond strength.

### Features:

- ✓ Easy mixing, smooth application & better workability. Excellent bond to various
- ✓ building materials.
- ✓ Water resistance.
- ✓ Extreme shear & tensile adhesion strength.
- ✓ Not Shrinkage
- ✓ No curing Required
- ✓ Increase productivity
- ✓ No need For Hacking

### Uses:

Suitable for interior and Exterior floors & new and old walls & Tile on Tile Application, Negligible waste, Consistent work quality and save time and also High durability.

### Properties as per IS 15477: 2019

PARAMETERS	SPECIFICATIONS
Spread Ability	Spread easily with good notch ability
Open Time	>5 minutes
Adjustability	>5 minutes
Slip Resistance	<0.5 mm
Pot Life	>30 minutes
Density	1.5-1.9 g/ml
Deformability S1 (After 28 Days)	>2.5 mm < 5.0 mm
Tensile Adhesion Strength (Dry Condition, After 28 Days)	Minimum 1.5 N/mm <sup>2</sup>
Tensile Adhesion Strength (Wet Condition, After 28 Days)	Minimum 1.0 N/mm <sup>2</sup>
Shear Adhesion Strength (Dry Condition, After 28 Days)	Minimum 1.5 N/mm <sup>2</sup>
Shear Adhesion Strength (Heat Aging Condition, After 28 Days)	Minimum 1.0 N/mm <sup>2</sup>
Shear Adhesion Strength (Wet Condition, After 28 Days)	Minimum 1.0 N/mm <sup>2</sup>

### Mixing:

- ✓ Take approx. 200-300 ml of clean water for 1 Kg of Tile Adhesive Tile prime (Grey) in a clean bucket. It is very important that add material into water and not vice versa.
- ✓ Stir continuously for 3-5 minutes by using mechanical stirrer or by hand to obtain a homogeneous lump - free paste.
- ✓ Allow the resultant paste to stand for about 10 minutes for the additives to dissolve.
- ✓ Re-mix again for about 2 Minutes. The mixture is now ready to apply.

### Application:

- ✓ Spread not more than the area which can be tiled.
- ✓ The applied mixed adhesive are levelled with the help of trowel or comb with suitable size.
- ✓ The tile should be fixed with the open time of adhesive and pressed into the place with twisting & sliding action to ensure solid bed achieved.
- ✓ Clean the additive adhesives from the tile faces and between joints Coverage.

### Coverage:

- ✓ 75 - 80 sqft/Bag 3mm thickness on plain surface (Or depending on substrate conditions)

### Package:

- ✓ 40 kg bag

### Precaution:

- ✓ Maximum thickness should not more than 3mm
- ✓ Before tile on tile applications ensure that the original tilling surface has enough roughness to provide the required high strength bonding

### Health and Safety information

- ✓ It contains only eco-friendly fillers and additives. However, being cement based, it is alkaline and hence it is advisable to avoid direct eye and skin contact with this. In case of eye contact, kindly wash with clean water at least for 15 minutes and seek medical help and keep it out of children reach.

### Storage & Shelf Life

- ✓ Sky Crete Tile prime has self-life of 12 months when they stored in cool & dry condition.
- ✓ Keep away from water & damp area.
- ✓ Open bags in partially used material should be kept in a bag with its mouth tied tightly.

**Sky Tech Engineering Supplies**  
ISO 9001 : 2015 Certified Company

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