

GREEN GROUT[®] | Wet Mix mortar for Filling Break Joints

DESCRIPTION

Green Grout is a wet mix, Cement free, Eco friendly, self curing mortar. It is a completely hassle free material as it does not need pre wetting & post curing of surface with water as in normal conditions. Green grout cures by air drying, has No shrinkage & is compatible to varied range of materials. It is in the form of coarse viscous paste, which can be applied with nominal efforts. The applied material homogenizes with the existing material/ façade creating no cracks at the beams/ joints/ borders of the two different materials. It is composed of all environmental friendly materials & is non hazardous to the applicators as well as the end users.

RECOMMENDED APPLICATION AREAS

- The product **Green Grout** is used as a filler material along the periphery of walls between wall ends with beams & columns, where uneven gaps are usually created during construction.
- The product **Green Grout** is used as a filler material for finishing of electrical chiseling on walls for conduits & junction boxes.
- **Green Grout** is used to fill the gaps between two precast panels
- Green Grout is replacement to fiber/ chicken mesh arrangement.

FEATURES AND BENEFITS

UNIQUE FEATURE

- Better bonding strength
- Limited time for fast air curing
- No post curing with water needed
- Substitutes the cement sand mortar or cement based Dry mix products.
- No cracking
- No Shrinkage
- Resilient

ADVANTAGES

- Eco Friendly
- Labour Saving
- Energy Saving
- Time Saving
- Water Saving
- No Wastage of materials

COVERAGE - (Depth 5-8 mm & Width 20 mm)

Approximate 300 R.Ft / 30 Kg Bucket
 Approximate 50 R.Ft / 5 Kg Bucket
 Approximate 10 R.Ft / 1 Kg Container
 (depends on site conditions and nature of surface)

PROPERTIES

Test Name	Properties
Appearance	Gray coarse paste
pH	8-10 units
Application	Trowel of suitable size
Consistency	Thick viscous paste
Density	1.8 - 1.9 kg/L \pm 3%
Compressive Strength (@28days)	Approx. 5 to 6 N/mm ²
Shrinkage	0.08%
Thinning	not recommended.
Disposal	Dried material can be disposed in Municipal Disposal.
VOC limits	<0.4%

METHODOLOGY

PREPARATION

- Clean the conduit surface or joints near brick work & column/ beam with a brush to remove dust & loose particles .
- Apply POP or cement mortar for base coat before one day in Electric conduit.

MIXING

Material is READY TO USE.
 Do not add or mix any additives or water.

APPLICATION

- Open the bucket and stir the material well with a spatula.
- Remove the required material in a container Apply 5 to 8 mm. on the joints near brick work & coloum gaps, chizzeled for electrical / plumbing conduits etc.
- Allow the material to cure naturally by air.
- Clean tools & equipment with water after use.

SETTING AND CURING

The products set initially by Dry-curing in approximately 3 to 4 hours and the next activity can be taken up after 72 hours of application

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PACKAGING & STORAGE CONDITIONS

Std. Packing is 1 Kg, 5 Kg, 30 kgs Bucket.
Pack the leftover material in the closed Buckets.
Store in cool & dry places. Store safely for next use

POT LIFE & SHELF LIFE

Pot Life

- 6 to 8 hours in shade (not under direct sunlight)

Shelf Life

- 180 days from the date of manufacturing in standard storage warehouse.

TOOLS

HEALTH & SAFETY

Avoid Prolonged Contact With Eyes and Skin.
For Detailed Information Refer to Relevant Material Safety Data Sheet

SPECIAL NOTE

Do Not add or mix anything
Do Not Cure with water
No Prewetting required

NO CEMENT
SAND
WATER



Between RCC & Wall-top layer



Electric Conduits & Junctions

