



Suryashree Blocks
Private Limited
Committed to Quality

TECHNICAL DATA SHEET

***BUILDING NEXT
GENERATION OF
FUTURISTIC
CITIES***

Suryashree
Cement Grout

SURYSHREE

Cement Grout

Exclusive Cement Grout

APPLICATION AREAS

Suryshree Cement Grout mortar is used for grouting tiles and natural stones (non-sensitive to discoloration) on non-deformable substrates indoors and outdoors. Can be used in all domestic areas, e.g. bathrooms, kitchens, etc. Can be used for internal and external tilling in dry and wet locations, including swimming pool with non aggressive water conditions. Designed for floor and wall joints of all types of ceramic, vitrified, semi vitrified tiles, glass mosaic tiles, terrazzo, engineered stone floors and natural stones.

SUBSTRATE

The tiles edges and surface should be free from dirt. Start grouting only when the tile adhesive is sufficiently set and dried. For grouting tiles susceptible to colour change (natural stones) we recommend doing tests before to check that Suryshree cement grout does not leave permanent marks on the tile surface or edges.

FEATURES

- Ideally Smooth Easy to Apply
- Long Working Time
- Non Cracking, Non Shrink
- For Tile & Stone Joints
- Extremely Durable Colors
- Weather Resistant
- Suitable for Interior & Exterior Use

PRODUCT SAFETY

Product contains cement, strongly alkaline reaction with moisture, so protect skin and eyes. After contact wash immediately with plenty of water. After eye contact also seek medical advice. It is recommended to use protective gloves and goggles. For further and complete information about the safe use of our product, please refer to the latest version of our Material Safety Data Sheet.

SHELF LIFE

Until 12 months since the date of production when stored in undamaged dry conditions and original packaging.

CONSUMPTION FORMULA

$(A+B) / (A \times B) \times C \times D \times 1.00 = 2 \text{ kg/m}$ CONSUMPTION FORMULA

A = Tile Length (mm) B = Tile Width (mm) C = Tile Thickness (mm) D = Tile Joint (mm)

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INSTRUCTION FOR USE

- Suryshree cement grout should be poured into the measured amount of clean water and mixed until a homogenous mass without any lumps is reached
- Wait 3 minutes (maturing time) before second mixing
- Do not use rusty or dirty equipment or tools
- Apply the grout with a grouting float, completely filling the joint
- Allow sufficient time for the grout to set in the joint before starting to clean (finger test)
- This time can vary from 5 to more than 30 minutes and depends on the tile absorption properties, joint width and depth, as well as ambient and substrate temperature
- After initial drying, the surplus of material should be removed with a clean, semi-dry sponge
- When cleaning please do not use a dry cloth as this may cause a risk of discoloration by rubbing dried grout mortar into the damp grout
- Washing the tiles, a second time with clean water on the next day supports a homogenous surface and mineral hydration (second rewetting)
- Tiles can be walked on after 24 hours from the application
- Grout can be exposed to water after 24 hours
- Within the first 5 days after the application, only clean water without any cleaning agents should be used
- Grout reaches its complete properties 7 days after application

TECHNICAL DATA

Parameter	Results
Mix Density	1g/ml
Pot Life	Approx 1 hour
Abrasion Resistance	<2000 mm ²
Compressive Strength Under Standard Condition	>15 N/mm ²
Flexural Strength Under Standard Condition	≥ 2.5 N/mm ²
Flexural Strength Under Freeze thaw Cycles	≥ 2.5 N/mm ²
Shrinkage	< 3mm/m
Water Absorption (After 30 Min)	≤ 5g
Water Absorption (After 240 Min)	≤ 30g
Tile Joint Width	1 to 6 mm
Application Temperature	5 C to 35 C



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