



Suryshree Blocks
Private Limited
Committed to Quality

TECHNICAL DATA SHEET

*BUILDING NEXT
GENERATION OF
FUTURISTIC
CITIES*

Suryshree
Block Adhesive

SURYSHREE

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PRODUCT DESCRIPTION

Suryshree Block Adhesive is ready to mix self curing cement based mortar. It is used for mounting and bonding aerated autoclaved concrete block. It is made of cement, graded sand and polymeric additives. This helps in providing a strong mechanical bond as well as excellent adhesion between the blocks.

FEATURES

- Thinner jointing material with very high adhesion strength. Improves overall masonry strength.
- Pre-mixed and ready to use. Only water is to be mixed at site.
- Eliminates lengthy process of site mixing, transport and storage of all individual materials.
- No water curing is required after application.
- Easy to mix. Much faster to apply due to its superior flowability and water retention properties.
- Thinner layer of application for lesser shrinkage and seamless structure.
- Economical-quantity of mortar is far less than conventional mortar.
- Seepage/water percolation through joints is negligible due to better binding of mortar with masonry units.
- Ready for subsequent application like plastering just after 24 hours of application.
- Raking of joints is not required before plastering.
- Raw materials are processed, reducing the chances of efflorescence.
- Suryshree Block Adhesive is made from eco-friendly materials.

SURFACE PREPARATION

- Pre-wet the blocks to be used for fixing.
- Thoroughly clean the surface to be mounted, of all damaging substance such as laitance, loose materials, oil greases, etc.
- Ensure that the surface is flat, structurally strong and free from any other contamination which could reduce the bond strength.
- Confirm that the surface is free of voids, holes and crack.

APPLICATION METHODOLOGY

- Apply Suryshree Block Adhesive uniformly on the surface.
- After the first unit has been placed, apply Suryshree Block Adhesive on both sides of the surface with a uniform thickness.
- Continue the mounting by checking line and level.
- Firmly press the block into Suryshree Block Adhesive to ensure a good initial bonding.
- Clean any excess material.

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MIXING METHODOLOGY

- Measure out 3 parts of the Suryshree Block Adhesive powder to 1 part of water, by volume.
- Add the powder to the water steadily and mix it to a smooth, workable paste.
- Allow the paste to mature after mixing, by letting it stand for 2-3 minutes.
- Mix the paste once again before applying to get a smooth and uniform blend.
- Do not attempt to extend the pot life by adding more water to the mix.

PRECAUTIONS DURING USAGE

- Though Suryshree Block Adhesive contains no toxic material, still care should be taken to avoid dust inhalation while mixing and handling. In case of contact with eyes or face, wash with plenty of clean water.
- Keep it in dry place and out of reach of children.
- Persons who are allergic to cement should take proper precautions before use.

CONSUMPTION

For a 3mm bed thickness the coverage 3-5 kg/Sqm. The coverage will vary depending on surface conditions.

SHELF LIFE

6 months from the date of manufacturing, if in a sealed condition.

STORAGE

Suryshree Block Adhesive should be stored in dry place for better results.

TECHNICAL DATA

Properties	Specifications
Appearance	Free Flowing Powder
Color	Grey
Water Demand	25-30%
Workability	Very Good
Hard Dry	24 hrs
Pat Life	90 Min
Self Curing	Yes. No additional water curing required
Tensile Adhesion Strength @ 28 Days	> 0.5 N/Sq.mm
Compressive Strength	> 12 N/Sq.mm



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