



SUPER WALL BOND



Eco Friendly, Extra Fine,
Extra Strong
Jointing Mortar

SUPREME GYPSUM PVT. LTD.



SUPER WALL BOND

Super Wall Bond - Introduction

SGPL has launched its new product **Super Wall Bond** in the Indian market keeping in mind the ever changing new technology in the field of construction materials.

Super Wall Bond is a ready mix cement and fly ash mortar with high quality polymer additives. It makes construction simple and easy. It is economical, particularly in the construction of light weight blocks, where it gives finer and thinner joints with higher strength compared to conventional sand-cement mortar.

Super Wall Bond - Unique Advantages

- > Pre-mixed and ready to use - only potable water to be added at site.
- > Saves logistical cost and storage space for various mortar materials - **NEEDS NO SAND !**
- > Up to 2mm thick finer joints with higher adhesive strength - improves structural strength way beyond conventional mortar.
- > Thinner joints result in reduction of gypsum plaster consumption, consequently improving coverage and reducing cost.
- > Thinner joints reduce shrinkage and the resulting seamless structure prevents plaster cracking.
- > No water curing required after application, this helps improving the cleanliness at your site .
- > Easy to mix and faster to apply - improves work output.
- > Thinner joints reduce the dead-weight on the RCC structure.
- > Economizes consumption and cost compared to conventional mortar.
- > Finer molecular structure result in finer joints which reduce water seepage.
- > Raking not required before plastering.
- > **Super Wall Bond** is made from **Eco Friendly** materials.



Super Wall Bond - Application

- > **Super Wall Bond** is recommended for masonry units like fly ash bricks, hollow blocks, AAC blocks, CLC blocks, jointing of pre-stressed concrete slabs and panels, cement concrete floor tiles, etc.
- > Masonry units must be watered before application to remove dust and loose particles for better bonding of **Super Wall Bond**.
- > The surface must be clean, leveled, structurally sound and free of any contaminants which could impair the natural bonding.
- > Uniformly and consistently mix the **Super Wall Bond** powder with potable water in a clean vessel in the proportion of 30-35% water for 65-70% **Super Wall Bond**.
- > Allow 10 minutes to elapse before beginning the application.



Super Wall Bond - Method of Application

- > Apply a thin uniform layer of **Super Wall Bond**, up to 2 - mm thick, on the clean and leveled surface of masonry units using proper trowel.
- > Place the next course of masonry units on the evenly laid jointing mortar bed in proper line and level.
- > Each masonry unit should be properly bedded and set in position by gently pressing with the handle of a trowel.
- > After placing the first unit, apply **Super Wall Bond** of same thickness on both the sides of the unit, keeping continuous check for the line and level.
- > Clean the excess material if any, immediately.



Super Wall Bond - Coverage

- > Under normal conditions the coverage of **Super Wall Bond** is approx. 85 - 95 sq. ft with an average thickness of up to 2mm for a bag of 25 kg for the block size of 640X240X100mm. The coverage area will however depend upon the quality and evenness of the substrate, thickness of joints and size of masonry units.



Precautions During Usage

- > Though **Super Wall Bond** contains no toxic materials, 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 in a dry place and out of reach of children.
- > Persons allergic to cement should take proper precautions before use, and wear rubber gloves while working.

Storage

- > **Super Wall Bond** should be stored in a dry place for better results. It should be used within 6 months of production.

Packaging

- > **Super Wall Bond** is available in 25 kg PP laminated bags.

Technical Specifications of SUPER WALL BOND

Sr. No.	Properties	Specification
1	Appearance	Free flowing powder
2	Colour	Grey
3	Water Demand *	30 - 35%
4	Workability	Easy
5	Hard Dry *	24 hrs.
6	Pot life	Approximately 3 hrs. at 27°C
7	Self curing *	No curing is required.
8	Tensile adhesion strength @ 28 days	0.75 N/sq. mm

* Temperature: 25 - 32°C and Relative Humidity: 40 to 50%



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