

## Company Profile

**EXPERT BOND (SHIV ENTERPRISES) ISO 2015** Certified Company is a Building Material Manufacture & Supplier in India Industry, We Provide a Host of Product From Foundation on Finish. We Different Types of Products for Clients Requirement and Application for the Construction Industry. The Company Was incorporated in 2020 in Pune an objective of Making innovative **DRY MIX BULIDING PRODUCTS.**



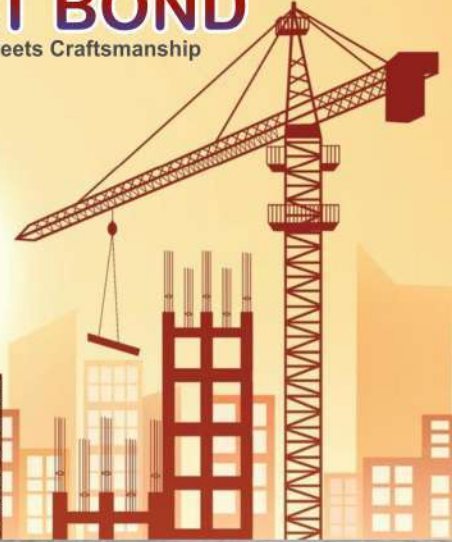
**Manufactures of Construction Materials**

■ **Head Office :** At post Theur, Tal. Haveli, Dist. Pune ■ **Customer Care :** 9922195978



# EXPERT BOND

Where Quality Meets Craftsmanship



## EXPERT PLAST PREMIX PLASTER

EXPERT PLAST is a high quality pre-mixed water resistant polymer modified cement based plaster, fast & easy to use. Practically crack resistant, water & weather resistant in all climatic conditions, intended to be used internally & externally for AAC/CLC blocks, fly ash /red clay bricks, stone walls and concrete surfaces as an ideal replacement of conventional cement-sand plaster that makes it the most demanded product today.

## FEATURES & BENEFITS

- The materials is ready to use, only mix with water and apply.
- This product can be applied by traditional manual application or by modern plastering machines to increase productivity at site.
- It can serve as plaster coat underneath putty for interior use or any other exterior finishes as a subase for application of paints.
- Due to the manufacturing process under controlled conditions, the premix bags gives consistent quality.
- Have good bond strength, crack resistance and water resistance.
- Have good compressive strength.
- Easy to maintain stock as equal size packaging in bag form is provided.
- Cost-effective and user friendly.

## SURFACE PREPARATION

- Plaster should be applied after 24 hours full curing of block/brick - work.
- All dust, loose particles, greasy and foreign material should be cleaned from the wall before application of this plaster.
- 4-5 days curing required for normal conditions.

## COVERAGE PER BAG

- For AAC/CLC blocks 10-12 mm thk. - Covers 16-20 sq.ft. (approx).
- For Fly Ash Bricks 10-15 mm. thk. Covers 12-15 sq.ft. (approx).

## INGREDIENTS

- Cement, Graded Sand, Fibers, Specialized Polymers,
- Performance additives & chemicals.



## TECHNICAL INFORMATION

Sr.	Name of Test	Result/Observations
1.	Appearance	Greyish Granular Powder
2.	Water Demand	20-25% by Weight
3.	Initial Setting Time	95 Minutes
4.	Final Setting Time	235 Minutes
5.	Compressive Strength 7 Day	5-6 N/mm
6.	Compressive Strength 28 Day	10-11 N/mm
7.	28 Day Pull off force	1.41 N/mm
8.	Bulk Density	1700-1800 Kg/m
9.	Pot life	30 minutes

## SHELF LIFE & STORAGE

- Shelf life is 6 month from the date of manufacturing in packing.  
Store the material in cool, dry and shaded place.

## PACKING

- Available in 40 Kg PP laminated bag.

## Expert Tile Bond - Type 2

Expert Tile Bond - Type 2 is grey cement based tile adhesive used for fixing medium sized tiles for internal walls & floors and external floor application.

### KEY FEATURES

- Ready to use, only water needs to be added.
- Faster to apply due to good spreadable properties.
- Excellent high strength & water retention properties.
- Suitable for fixing small size ceramic & mosaic tiles on walls and floors.

### ADVANTAGES

- Comes with Anti-slip properties.
- Excellent workability & Smooth finish. Superior bond strength.
- Higher productivity & Saves time.

### USES & APPLICATIONS

- For Internal tiling application on walls (Medium size)
- For Internal tiling application on floors (Medium size)
- For External tiling application on floors (Medium size)

### SURFACE PREPARATION, MIXING & APPLICATION

- Clean the surface to remove dust and loose particles.
- Mix with 4.4-5.00 liters of water to get the right consistency.
- Apply using notch trowel to get coverage of
- 20-25 sq. ft. with a thickness of 6 mm.



### TECHNICAL INFORMATION

Sr.No	Name of Test	Unit	Test Result
1	Water Demand	%	30.40
2	Open Time	Minute	60
3	Adjustability	Minute	15
4	Pot Life	Hrs	4Hrs
5	Setting Time	Hrs	12
6	Shear Strength Dry (28) Days	N/mm <sup>2</sup>	1.93
7	Shear Strength Wet (28) Days	N/mm <sup>2</sup> .	1.42
8	Shear Strength heat Aging (28) Days	N/mm <sup>2</sup>	1.13
9	Tensile Strength Dry (26) Days	N/mm <sup>2</sup>	1.02
10	Pull Out Adhesion (28) Days	N/mm <sup>2</sup>	1.00

STANDARD: AS PER ISO 15477

### COVERAGE

A 20Kg bag of Expert Tile Bond Type -2 gives-20-25 sq. ft coverage of 6mm thickness.

### PACKAGING, SHELF LIFE & STORAGE

- Available in 20kg BOPP Bag.
- Store in a dry place away from moisture.
- 6 months from the date of manufacturing

## Expert Tile Bond - Type 3

Expert Tile Bond - Type 3 is a Grey cement based high polymer modified tile adhesive to provide Excellent Slip resistant & extended Open time properties which is suitable for External Wall & Floor large format Vitrified Tile, Marble, Granite, Stone etc application.

### KEY FEATURES

- Ready to use, only water to be added.
- Extended open time allows ease of application in external areas
- Excellent bonding strength & slip resistance provide good grip to large format tiles & stones

### ADVANTAGES

- Superior bond strength
- Enhances safety & durability of exterior tiles
- Excellent grip for large format tiles
- Better correction time during tile applications

### USES & APPLICATIONS

For external wall large & heavy tiling application

### SURFACE PREPARATION, MIXING & APPLICATION

- Clean the surface to remove dust and loose particles.
- Mix with 4.8-5 litres of water to get the right consistency
- Apply using notch trowel to get a coverage of 55-60 sq. ft. with 6 mm thickness.



### TECHNICAL INFORMATION

Sr.No	Name of Test	Unit	Test Result
1	Water Demand	%	26.3
2	Open Time	Minute	55
3	Adjustability	Minute	50
4	Pot Life	Minute	360
5	Setting Time	Hrs	12
6	Shear Strength Dry (28) Days	N/mm <sup>2</sup>	1.91
7	Shear Strength Wet (28) Days	N/mm <sup>2</sup>	1.75
8	Shear Strength heat Aging (28) Days	N/mm <sup>2</sup>	1.36
9	Tensile Strength Dry (28) Days	N/mm <sup>2</sup>	1.54
9	Tensile Strength Wet (28) Days	N/mm <sup>2</sup>	1.16
10	Pull Out Adhesion (28) Days	N/mm <sup>2</sup>	1.52

### COVERAGE

A 20Kg bag of Expert Tile Bond Type - 3 gives-20-25 sq. ft coverage of 6mm thickness.

### PACKAGING, SHELF LIFE & STORAGE

- Available in 20kg BOPP Bag with liner.
- Store in a dry place away from moisture.
- 6 months from the date of manufacturing

## EXPERT BOND BLOCK JOINTING MORTAR

Expert Bond Block Jointing Mortar is a semi premix high quality mortar for joining and bonding of AAC blocks, Concrete blocks. It consists of cement, graded sand and specialised polymers which combine to give superior strength, water retention and stability. It replaces the conventional method and material of joining mortar which requires a 12-18 mm thickness with a revolutionary 3-5mm joint thickness. Standard specification code followed is ASTM C1660-09.

### FEATURES & BENEFITS

- Being Ready to Use, it eliminates on-site mixing and storage of various raw materials thus saving a lot on time and manpower.
- Self Curing, saving on labor & water required for curing.
- Compressive strength is higher than the conventional cement/sand mortar.
- Being a thin layer joint, it gives high adhesion strength, low shrinkage and seamless structure.
- Masonry Surface is ready for subsequent application like plastering just after 24 hrs.

### SURFACE PREPARATION

- The surface of masonry unit should be clean and free from dusty/greasy particles for better bonding.
- The surface of masonry blocks should be slightly wet prior to the application.
- There should be no efflorescence & other contaminant that can impair the natural bond.

### COVERAGE PER BAG

- Coverage depends upon the evenness of the masonry unit, thickness of the joint, size of the masonry unit, proper mixing and proper workmanship.
- Under normal conditions, the 40 kg bag for 3-5 mm thickness will be as follows:



### INGREDIENTS

- Cement, Graded Sand, Specialized
- Polymers, Performance additives & chemicals

### SHELF LIFE & STORAGE

- Shelf life is 6 months from the date of manufacturing in packed bags.
- Store the material in cool, dry and shaded place.

### PACKING

- The product is available in 40 Kg PP laminated bags.