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MCON BLOCK FIX

SINGLE PACK READY TO USE JOINTING MATERIAL FOR AAC BLOCKS, CONCRETE BLOCKS ETC.

Product Description:-

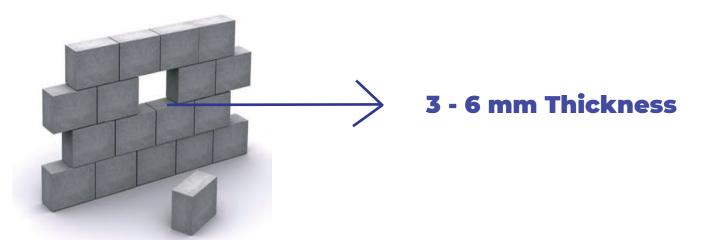
MCON BLOCK FIX is a polymer modified pre-mixed, easy to apply, high quality adhesive mortar, comprising of cement, graded sand and special additives. It is convenient, easy to use, Strong and binds better to its substrate. Specifically designed to provide strength & adhesion to walls constructed by AAC blocks, fly ash bricks, concrete blocks etc. It replaces conventional jointing mortar of 12-18 mm hickness with highly versatile 3-6 mm thickness.



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Areas of Application:-

As a block jointing mortar for internal and external walls of AAC Blocks, Concrete Blocks and Fly Ash bricks.



Features & Benefits:-

- Thinner jointing with high adhesion gives better quality and output of overall masonry work.
- Minimal chances of leakage as the joints are water tight and well bonded to the masonry.
- Factory made product with consistent quality.
- No water curing is required at site.
- Ready to use, only clean water to be added at site.
- ✓ Better bond than conventional cement based mortar
- ✓ Improved labor productivity hence reduces costs
- ✓ Good mechanical strength
- Ready for plastering within 24 hours of block work.





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Typical Properties:

Appearance	Grey Colored Powder
Aggregate	Graded Sand
Basic Binder	Ordinary Portland Cement
Additives	Polymer additives
POT Life	30 – 45 mins. at 30°C
Water Powder Ratio	1:4 by volume / 8 - 9 Lt. per 40 kg bag
Packing	40 kgs. Bag



Amazingly Strong. Amazingly Thin.



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Typical Properties:

Shear Adhesion (kN) IS : 15477 - 2004	
Dry Condition @ 24 hrs	2.5 kN
Dry Condition @ 14 days	8 kN
Wet Condition	4 kN
Heat Ageing	4 kN
Splitting Tensile Strength @ 28 days - ASTM C 1660 - 09	0.20 N / sq mm
Compressive Strength @ 28 days - ASTM C 1660 - 09	6-7 N / sq mm



Amazingly Strong. Amazingly Thin.



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Storage and Shelf life:-

6 months from manufacture in original unopened bags if stored in dry conditions.



Safety Precautions:-

MCON BLOCK FIX is a cementitious alkaline product. Care should be taken to avoid contact with eyes, skin, mouth and food stuff. Any splashes on the human body must be washed with plenty of water.

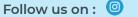


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MCON BLOCK MORTAR

SINGLE PACK READY TO USE JOINTING MATERIAL FOR AAC BLOCKS, CONCRETE BLOCKS ETC.

Product Description:

MCON BLOCK MORTAR is a polymer modified pre-mixed, easy to apply, high quality adhesive mortar, comprising of cement, graded sand and special additives. It is convenient, easy to use, Strong and binds better to its substrate. Specifically designed to provide strength & adhesion to walls constructed by AAC blocks, fly ash bricks, concrete blocks etc. It replaces conventional jointing mortar of 12-18 mm hickness with highly versatile 3-6 mm thickness.







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Areas of Application:-

As a block jointing mortar for internal and external walls of AAC Blocks, Concrete Blocks and Fly Ash bricks.



Features & Benefits :-

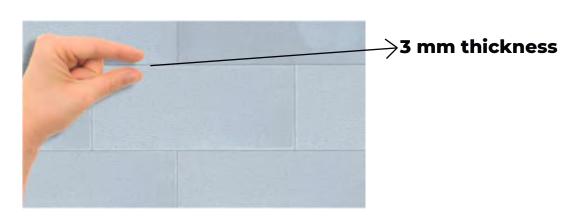
- Thinner jointing with high adhesion gives better quality and output of overall masonry work.
- Minimal chances of leakage as the joints are water tight and well bonded to the masonry.
- Factory made product with consistent quality.
- ✓ No water curing is required at site.
- Ready to use, only clean water to be added at site.
- ✓ Better bond than conventional cement based mortar
- ✓ Improved labor productivity hence reduces costs
- ✓ Good mechanical strength
- ✓ Ready for plastering within 24 hours of block work.



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Typical Properties:

Appearance	Grey Colored Powder
Aggregate	Graded Sand
Basic Binder	Ordinary Portland Cement
Additives	Polymer additives
POT Life	30 – 45 mins. at 30°C
Water Powder Ratio	1:4 by volume / 8 - 9 Lt. per 40 kg bag
Packing	40 kgs. Bag
Coverage	90 - 100 sq. ft. @3 mm thickness for the block of size 600 x 200x150 mm





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Blockfix Coverage Chart:

Size (mm) L H W	Jointing Surface Area of 1 block (Sq.Ft.)	Mortar required in Kg/Block (170 sq. ft. / 40 Kg)	Blocks required for 100 Sq.Ft.	Jointing Mortar in Kg required for 100 Sq. Ft.
650 x 250 x 75	1.45	0.34	57.17	19.55
650 x 250 x 100	1.94	0.46	57.17	26.06
650 x 250 x 125	2.42	0.57	57.17	32.58
650 x 250 x 150	2.91	0.68	57.17	39.09
650 x 250 x 200	3.88	0.91	57.17	52.13
650 x 250 x 225	4.36	1.03	57.17	58.64
650 x 250 x 250	4.84	1.14	57.17	65.16
650 x 250 x 300	5.81	1.37	57.17	78.19
650 x 200 x 100	1.83	0.43	71.46	30.77
650 x 200 x 150	2.74	0.65	71.46	46.15
650 x 200 x 225	4.12	0.97	71.46	69.23
600 x 200 x 100	1.72	0.41	77.42	31.37
600 x 200 x 150	2.58	0.61	77.42	47.06
600 x 200 x 225	3.88	0.91	77.42	70.59



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Storage and Shelf life:-

6 months from manufacture in original unopened bags if stored in dry conditions.



Safety Precautions:-

MCON BLOCK MORTAR is a cementitious alkaline product. Care should be taken to avoid contact with eyes, skin, mouth and food stuff. Any splashes on the human body must be washed with plenty of water.



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MCON READY PLASTER

READY TO USE CEMENT SAND WATER PROOF PLASTER

Product Description:

MCON Ready Plaster is a ready mix plaster reinforced with Fiber, ready to use plastering mortar for internal & external plastering purpose. It is convenient, easy to use, Strong and binds better to its substrate. This product is composed of good quality cement, properly selected river sand, fibers & additives. Its well graded sand aggregates which are clean and silt free ensure that the plaster has a very cohesive and smooth finish. The waterproofing and bonding polymers give the plaster a better bonding with water tight characteristics. MCON Ready Plaster reduces material wastage due to less rebound of the material. It reduces the drying and shrinkage cracks.



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Areas of Application:

- Plastering on block work, brick work and concrete substrates in new construction.
- External and Internal plastering application for repair and rehabilitation works.



Features & Benefits:-

- Crack free & firm surface that preserves beauty of building for longer time.
- Factory made product with consistent quality. Very less rebound loss.
- Excellent waterproofing characteristics
- Ready to use, only clean water to be added at site.
- ✓ Better bond than conventional cement based mortar
- ✓ Improved labour productivity hence reduces costs
- ✓ Moisture resistant Offers excellent resistance to moisture ingress.
- ✓ Good mechanical strength
- Sufficiently flexible to accommodate thermal & physical movements.



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Method Of Application:

Clean the substrate, free from all loose particle, oil & grease, paints or free sand. Water jet cleaning is advisable.

Wet the surface before application of the plaster.

Mix one bag of 40 kg of Mcon Ready Plaster with 7 to 8 ltr of water using a mechanical mixer.

Small quantity can be mixed using a trowels and a bucket. All care should be taken that the mixing is done thoroughly.

Use the mixture within 1 1/4 hrs (75 min) after addition of water.

Curing of the plastered surface can be done after 10 - 12 hrs and should be done for 6 - 7 days.

Technical Specification:

Binder	Grey Portland Cement 53 grade
Density	Dry Mix - 1.6 kg/ltr Wet Mix – 1.8 kg/ltr (mixed with water)
Water Intake	150 – 200 ml per kg (approx 8 Liters in a bag of 40 kg)
Pot Life	75 Minutes
Thickness	15 – 16 mm per single coat



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Coverage:-

18 - 20 sq. ft per 40 kg bag at 15 - 16 mm thickness.



Storage and Shelf life :-

6 months from manufacture in original unopened bags if stored in dry conditions.



Safety Precautions:-

MCON READY PLASTER is a cementitious alkaline product. Care should be taken to avoid contact with eyes, skin, mouth and food stuff. Any splashes on the human body must be washed with plenty of water.

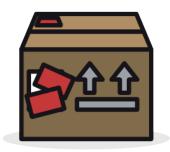




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Packaging:-

40 kgs in moisture-resistant bags.



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MCON READY PLASTER RENDER

CEMENT SAND THIN SECTION RENDER

Product Description:-

MCON Ready Plaster Render is a cement sand fiber reinforced, ready to use render for internal & external surface corrections purpose. It is convenient, easy to use, strong and binds better to its substrate. This product is composed of good quality cement, properly selected aggregates, Fibers & additives. Its well graded aggregates which are clean and silt free ensure that the plaster has a very cohesive and smooth finish. The waterproofing and bonding polymers give the plaster a better bonding with water tight characteristics. MCON Ready Plaster Render is easy to use as it can be applied with trowel.







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Areas Of Application:-

- Thin Plastering on block work and concrete substrates in new construction.
- External and Internal leveling application for repair and rehabilitation works.
- ✓ Leveling of Walls prior to tiling to make good undulation upto 10 mm.



Features & Benefits:-

- Crack free & firm surface that preserves beauty of building for longer time.
- Factory made product with consistent quality.
- Very less rebound loss.
- Ready to use, only clean water to be added at site.
- ✓ Better bond than conventional cement based mortar
- ✓ Improved labour productivity hence reduces costs
- ✓ Moisture resistant Offers excellent resistance to moisture ingress.
- Good mechanical strength



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Technical Specefication:

Binder:	Grey Portland Cement 53 grade
Density:	Dry Mix - 1.6 kg/ltr Wet Mix – 1.8 kg/ltr (mixed with water)
Water Intake:	150 – 200 ml per kg (approx 8 Liters in a bag of 40 kg)
Pot Life :	75 Minutes
Thickness:	5 – 6 mm per single coat





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Methods Of Application:-

Clean the substrate, free from all loose particle, oil & grease, paints or free sand.

Water jet cleaning is advisable.

Wet the surface before application of the plaster.

Mix one bag of 40 kg of Mcon Ready Plaster Render with 7 to 8 ltr of water using a mechanical mixer.

Small quantity can be mixed using a trowels and a bucket. All care should be taken that the mixing is done thoroughly.

Use the mixture within 1 1/4 hrs (75 min) after addition of water.

Curing of the plastered surface can be done after 10 - 12 hrs and should be done for 2 - 3 days.



Coverage:-

50-60 sq. ft per 40 kg bag at 5 – 6 mm thickness.





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Shelf Life & Storage:-

6 months from manufacture in original unopened bags if stored in dry conditions.



Packing:-

40 kg in moisture-resistant bag.

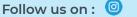


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MCON READY PLASTER (Self Cure)

READY TO USE SELF CURE WATER PROOF PLASTER

Product Description:

MCON Ready Plaster Self Cure is a ready mix plaster reinforced with Fiber, ready to use plastering mortar for internal & external plastering with Self Curing Mechanism. It is convenient, easy to use, Strong and binds better to its substrate. This product is composed of good quality cement, properly selected aggregates, Fibers & additives with additional Self Curing Compound as the integral part of the product. The waterproofing and bonding polymers give the plaster a better bonding with water tight characteristics.







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Areas of Application:-

- Plastering on block work, brick work and concrete substrates in new construction.
- External and Internal plastering application for repair and rehabilitation works.



Features & Benefits :-

- No Curing Required
- ✓ Self Curing plaster avoids hassles of 3 to 7 days curing after plastering
- Crack free & firm surface that preserves beauty of building for longer time.
- Factory made product with consistent quality.
- Excellent waterproofing characteristics
- Ready to use, only clean water to be added at site.
- ✓ Better bond than conventional cement based mortar hence ideal for use in Plastering machines
- Self curing hence reduces labor cost for curing and also saves water.
- ✓ Thus a Green Product initiative.
- ✓ Moisture resistant Offers excellent resistance to moisture ingress



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Method Of Application:

Clean the substrate, free from all loose particle, oil & grease, paints or free sand. Water jet cleaning is advisable.

Wet the surface before application of the plaster.

Mix one bag of 40 kg of Mcon Ready Plaster Self Cure with 6 to 8 ltr of water using a mechanical mixer. Small quantity can be mixed using a trowels and a bucket. All care should be taken that the mixing is done thoroughly.

Use the mixture within $1 \frac{1}{2}$ hrs (90 min) after addition of water.

No Curing is required. Plaster can be overcoated with other material after 3 days of plastering. For tiling you need to leave the surface for 14 days.

It is important to pre-wet the wall surface before application of Ready Plaster Self Cure. In very high temperature, humid areas light spraying of water (curing) for 7 days would be necessary.

Technical Specification:

Binder	Grey Portland Cement 53 grade
Density	Dry Mix - 1.6 kg/ltr Wet Mix – 1.8 kg/ltr (mixed with water)
Water Intake	150 – 200 ml per kg (approx 8 Liters in a bag of 40 kg)
Pot Life	100 Minutes
Thickness	10 – 15 mm per single coat



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Coverage:-

18 - 20 sq. ft per 40 kg bag at 15 - 16 mm thickness.



Storage and Shelf life :-

6 months from manufacture in original unopened bags if stored in dry conditions.



Safety Precautions:-

MCON READY PLASTER Self Cure is a cementitious alkaline product. Care should be taken to avoid contact with eyes, skin, mouth and food stuff. Any splashes on the human body must be washed with plenty of water.

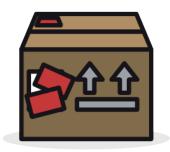




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Packaging:-

40 kgs in moisture-resistant bags.



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MCON PLASTER BOND

HIGH RANGE PLASTER BONDING AGENT

Product Description:-

MCON PLASTER BOND is a polymer based bonding agent from selected synthetic copolymers to perform as a Chemical and Mechanical bonding coat to create strong bond of Cement Sand Plaster on any cementitious substrate including high quality concrete surfaces. It comes in Blue color and hence is easily traceable for application. It provides a strong chemical bonding coat and also a mechanical bonding substrate.







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Uses:-

- ✓ For Cement Sand plaster bonding to RCC Surfaces as a bonding agent.
- For Cement Sand plaster bonding to surfaces like old plaster, blockwork, brickwork etc as a bonding agent
- As external bonding agent for Plastering application Old to New Plaster



Features & Benefits:-

- Excellent adhesion to most building substrates.
- ✓ Dual bonding (mechanical as well as chemical grip).
- The blue colour makes identification easy.
- Ready to apply with brush or roller.
- Can be applied on any low-suction surface (concrete surfaces like RCC columns, beams, slabs, shear walls)
- ✓ Works equally well for both gypsum and sand-cement plaster.
- Twenty times faster than hacking and also more effective. No chat plaster needed, can do direct plastering on the coated surface.



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Method of Application:

Surface preparation is vital for effective adhesion and bonding of MCON PLASTER BOND

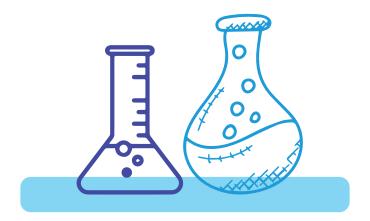
To start with, free the surface from laitance, loose dust particles, oil, grease and other dirt.

Stir constantly until all the solid contents are uniformly distributed throughout the solution of MCON PLASTER BOND and slurry of uniform consistency is achieved.

Apply this slurry on the substrate using a soft 4 - inch wide paint brush or a roller brush.

Apply the slurry in one direction only and that too in single coat.

The coating will dry in 4 hours and you can overcoat it with Cement Sand plaster after 08 hours and within 10 days from date of application of MCON PLASTER BOND





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Technical Information:

Physical Appearance	Blue Paste
Setting Time @ 30° C	4 hours (Initial) 8 hours (Final)
Service Temp.	- 5° C to + 90° C
Sp. Gravity	1.35 ± .01
Ph	7 - 9
Bond Strength	1 Mpa at 28 days

Coverage:-

1 kg MCON PLASTER BOND covers 35 to 40 sq.ft.



Shelf Life & Storage:-

Store away from direct sunlight. 6 months from date of manufacture





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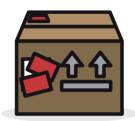
Safety & Precautions:-

MCON PLASTER BOND is non-toxic, non-flammable and non- hazardous. However, any splashes on any part of the human body must be washed with plenty of water.



Packing:-

5 kgs., 20 kgs.

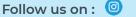


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MCON ULTRA GYPBOND

HIGH PERFORMANCE GYPSUM BONDING AGENT

Product Description:-

MCON ULTRA GYPBOND is polymer based coarse coating to perform as a bonding agent to create strong bond of Gypsum Plaster on any cementitious substrate including high quality concrete surfaces. It comes in Green color and hence is easily traceable for application. It provides a strong chemical bonding coat and also a mechanical bonding substrate.







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Areas of Application:-

- ✓ For gypsum plaster bonding to RCC Surfaces as a bonding agent.
- ✓ For gypsum plaster bonding to plastered surfaces as a bonding agent.
- ✓ For gypsum plaster bonding on variety of surfaces like blockwork, gypsum boards, ply etc



Features & Benefits:-

- Excellent adhesion to most building substrates.
- ✓ Dual bonding (mechanical as well as chemical grip).
- ✓ The green colour makes identification easy.
- Ready to apply.
- Can be applied on any low-suction surface (concrete surfaces like RCC columns, beams, slabs, shear walls).
- Works equally well for both gypsum and sand-cement plaster.
- ✓ Twenty times faster than hacking and also more effective.



Trusted Partners In Construction Chemicals

Method Of Application:

Surface preparation is vital for effective adhesion and bonding of ULTRA GYPBOND.

To start with, free the surface from laitance, loose dust particles, oil, grease and other dirt.

Stir constantly until all the solid contents are uniformly distributed throughout the solution of ULTRA GYPBOND and slurry of uniform consistency is achieved.

Apply this slurry on the substrate using a soft 4 - inch wide paint brush or a roller brush.

Apply the slurry in one direction only and that too in single coat.

The coating will dry in 24 hours and you can overcoat it with Gypsum plaster within 15 days from date of application of ULTRA GYPBOND.

Technical Specefication:

Colour	Green
Form	Liquid emulsion
Service Temp.	- 40° C to + 90° C
Sp. Gravity	1.25 ± .01
Ph	7 - 9
Bond Strength	1 Mpa at 28 days



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Coverage:-

1 kg ULTRA GYPBOND covers 45 to 50 sq.ft.



Storage and Shelf life:-

Store away from direct sunlight. 6 months from date of manufacture.



Safety Precautions:-

MCON ULTRA GYPBOND is non-toxic, non-flammable and non-hazardous. However, any splashes on any part of the human body must be washed with plenty of water.





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Packaging:-

5 Kgs, 20 Kgs



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