

Superb Strength



Strong, Light weight, Autoclaved

NCL
AAC BLOCKS

&

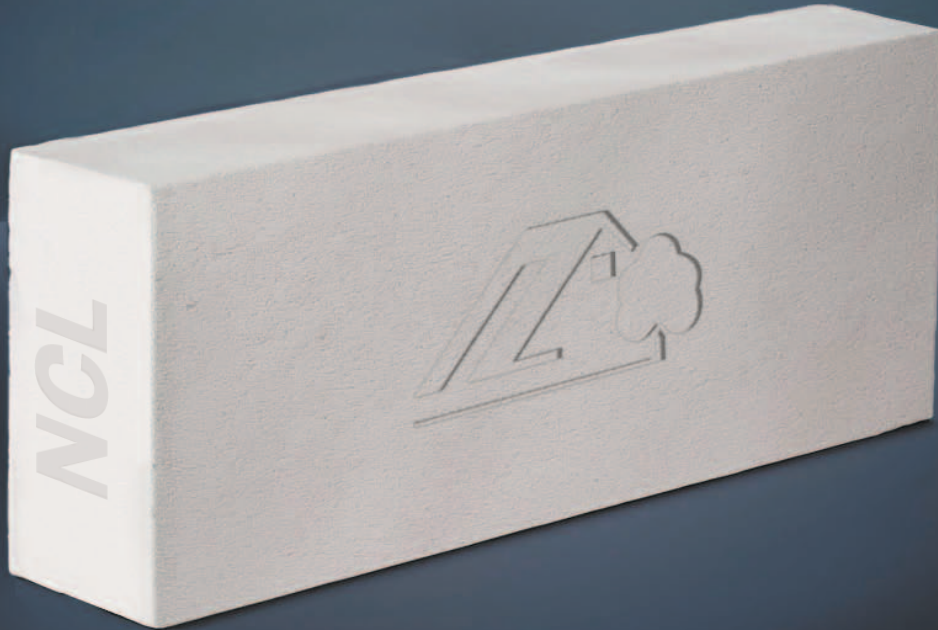
Self Curing

NCL
DRY-MIX MORTARS



BUILD SMART. LIVE HAPPY

For speedy construction use NCL AAC Blocks



- Light weight
- Eco-friendly
- Consistent Quality
- Good insulation from heat & sound
- Made of Nagarjuna Cement

NCL
AAC BLOCKS

TECHNICAL DATA

Compressive Strength (N/mm ²)	4.0
Dry Density (Oven Dry - kg/m ³)	550 - 650
Sound Reduction (db)	38 - 50
Thermal Conductivity (W/(m·K))	As per IS:2185
Fire Resistance (in Hr.s)	4 to 6

SAVINGS ON OVERALL PROJECT COST

- On jointing & plastering mortars
- On steel by 20 -25% & concrete by 10%
- On labour & transportation cost
- On project implimentation time

INSULATION

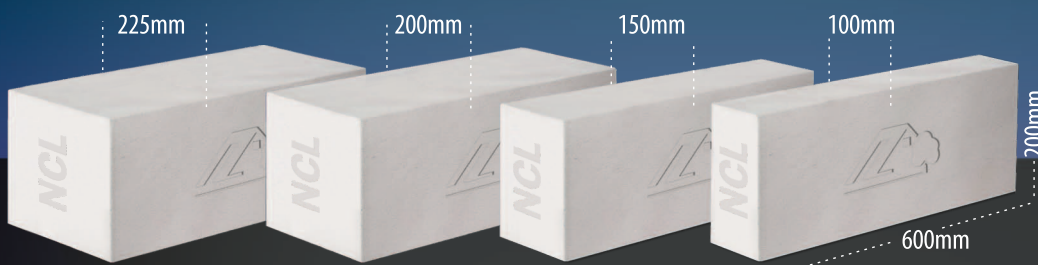
- Superior Thermal Insulation that reduce load on air-conditioning
- Superior Sound insulation with an STC rating of 44

WORKABILITY

- Easy to lay
- Can be cut into any size / shape easily

GREEN BUILDING PRODUCT

- Conserves Top soil
- 6 to 7 LEED green building points



Length	Height	Thicknesses
600 mm	200 mm	100/ 150/ 200/ 225 mm
Precision in size		As per IS:2185

SELF CURING

NCL

DRY-MIX MORTARS

For Quality & Speed

- Factory produced cement based, pre-mixed mortars with high quality polymers & additives.
- Only water need to be added at site.
- No need to procure/ store individual materials like sand, cement etc.
- Facilitates more productivity with reduced labour.

- Speedy construction
- Simple application
- Reduced labour
- Clean site environment
- Works out economical
- No wastages

NCL MASONRY GLUE 110

SELF CURING **JOINTING** MORTAR

Premium quality jointing mortar for all masonry work for quick and secure laying of Fly-Ash Bricks and Blocks. NCL Masonry Glue 110 is a grey cement based thin coat adhesive for binding AAC, CLC, Solid cement blocks & Fly-ash bricks, having good compressive strength and excellent surface adhesion.

Other Features: No water curing is required after application. Dressing of joints not required before plastering. Very economical as the jointing material quantity is far less than traditional joint mortar.

Material Preparation : Take clean water in the ratio of 165 ml /kg of NCL Masonry Glue 110 in a mechanical mixer or in to a deep tub. While using electric mixer with a whisk, add NCL Masonry Glue slowly and continue mixing for 3 min. Allow the mixer to stand for 5 min and remix again. Add required additional water to get workability and remix.

Application : Application is simple with a notched trowel. Uniform bed is made before fixing the block for even surface contact.

Coverage / 40kg : Approx. 100 sft. for 4" blocks, 60 sft. for 6" blocks and 48 sft. for 8" blocks at 4 to 6 mm thickness.



TECHNICAL DATA

- | | |
|-----------------------------------------|-----------------|
| 1. Hard Dry | : 24 Hrs |
| 2. Pot Life | : 60 mins |
| 3. Open Time | : 20 to 30 mins |
| 4. Compressive strength @ 28 Days (mpa) | : Meets IS 2250 |



Packaging : 40kg HDPE Bags
Shelf life : 12 Months
Storage : Dry & covered place

NCL RENDER 608-HP

SELF CURING **PLASTERING** MORTAR

Premium quality premixed grey cement based plastering mortar for concrete and block wall plastering. Economical as coating thickness can be reduced to 10 to 12mm. Handling wastage will be minimum.

Material Preparation : Take clean water in the ratio of 175 ml /kg of NCL Render 608 in a mechanical mixer or in to a deep tub. While using electric mixer with a whisk, add NCL Render slowly and continue mixing for 3 min. Allow the mixer to stand for 5 min and remix again. Add required additional water to get workability and remix.

Application : Apply the mix over the surface with a trowel. Level the surface using long box profile. Collect & reuse the material drawn while leveling. Smoothen the surface with trowel.

Coverage : Approx. 20 sft / 40kg at an average thickness of 10 to 12 mm.

Packaging : 40kg HDPE Bags • **Shelf life :** 12 Months • **Storage :** Dry & covered place



suitable for both new & repairs like electrical/ plumbing line coverings patch works





free up



from shortages



PRODUCT DATA CHART - NCL Pre-mixed Dry Cement Mortars

	NCL Masonry Glue 110	NCL Render 608
Product form	Pre-mixed Dry Mortar	Pre-mixed Dry Mortar
Colour	Grey	Grey
Water Mixing Ratio	165ml per 1kg	175ml per 1kg
Setting Time	24 Hrs	24 Hrs
Pot life Approximately	2 Hrs	2 Hrs
Curing	Not Required	Not Required
Coverage	Approx. 100sft./40 kg with 4" AAC Blocks	Approx. 20 sft/40 kg at 10mm thickness
Packaging	40 kg HDPE sack	40 kg HDPE sack
Storage	Dry, Covered area	Dry, Covered area

Coverage may vary based on the surface conditions. Our recommendations are based on extensive research as well as practical experience. Results cannot be guaranteed where the actual application work is beyond our control. Customers must carry out their own investigations and test the suitability of our materials for their intended purposes. For any additional information, please consult our technical marketing department.

SALES & CUSTOMER CARE

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