

Product Description :

MYMIX - IG 2 Premixed cementitious, free-flow, non-shrink, high strength industrial grout, which is essential to withstand static and dynamic loads. It is a unique product designed to give positive expansion in the plastic and hardened states, producing a low porosity high durability material. It is carefully designed very fine blend of Portland Cements, Quartz Sand modified with silica fume and expansive agents. The product is formulated to produce controlled expansion in the plastic state with low water mixing requirement to minimize segregation delivering high early strength and long lasting durability.

Advantages :

- Excellent fluidity for easy use
- Easy to remove parts of structure
- Quick strength achieving
- Possibility for quicker loading
- Dimensionally stable, needs no special treatment at opened ends, capping or edges
- No separation
- High coverage and economical

Suitable Substrates :

- Machinery bases, structural columns, pumps and accessory bases, anchor bolts, floor grids, crane tracks
- Precast structural membrane and to joints, dowels, rail posts and sealing bolts, powder line stanchions
- General purpose grouting of narrow concrete cracks or gaps between concrete and metal structures
- All horizontal ducts or concrete, in situ opened channels for installation of pipe lines, cables, ducts and plastic conduits

How to apply :

- Remove oil & grease from application surfaces and clean entire area with oil free compressed air
- All metal components shall be de-rusted & free of paints and oil
- Remove excess water from voids and holes prior to grouting
- Any standard grout pump can be used
- Add 160 ml to 180 ml water per kg of **MYMIX IG 2** Cementitious Grout
- Determine size of the pocket to be grouted
- If the pocket depth is more than 5 cm, add 30% pre-washed, dry, coarse aggregates of size 4 to 8 mm by weight
- Do not pour from two sides
- The materials should be quickly poured in order to avoid loss of workability
- Strike off the exposed areas as you keep pouring the materials
- Use wet hessian cloth, curing for at least 7 days is necessary
- Do not use vibrators for compaction of the material

Technical Details : (As per IS 4031 part 5 & 6)

Sr. No.	Testing Parameter	Specification
1	IG -2 Mixing Ratio	4.0 to 4.5 lit water for 25 kg material approx 16-18% by weight
2	Product Colour	Grey
3	Compressive Strength in Mpa	
3.1	After 01 day	13 Mpa
3.2	After 03 days	24.5 Mpa
3.3	After 07 days	46.7 Mpa
3.4	After 28 days	68.25 Mpa
4	Setting time	
4.1	Initial setting time in minute	145 minutes
4.2	Final setting time in minute	270 minutes
5	Flexural Strength in Mpa	8.26 Mpa
6	Density in gm/cc	
6.1	Loose bulk density	1.8 gm/cc
6.2	Compacted Density	2.23 gm/cc
7	Flow distance in mm	20 - 30 mm
8	Chloride content	NIL

Storage :

- Store in a cool & dry place. Protect from direct sunlight.

Colour :

- Grey

Packing Detail :

- Available in 25 kg bag
- Available in 40 kg bag Project pack on demand

Shelf Life :

- 12 months from the date of manufacturing in unopen condition



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