

**TECHNICAL
DATA**

CEMGROUT BOND - 720
(Non-Shrink Cementitious High Strength Grout)

DESCRIPTION :

CEMGROUT BOND – 720 is formulated cementitious grout which is non-shrink and free flowing, making ideal for machine foundations. It withstands both static and dynamic loads transferred by the machine on it.

USES:

1. **CEMGROUT-720** product, because of its free flowing nature and non-shrink property ensure maximum contact area with the machine base plate and other load bearing areas.
2. It is suitable for machine foundation, concrete anchors, columns in precast constructions, cavities, gaps and boiler foundations etc.
3. It is free from harmful chlorides and other aggressive chemicals.
4. It develops high initial and final strength.

PROPERTIES:

Colour	: Grey Powder
Youngs Modulus	: 28.2 KN/mm ²
Density	: 2210 Kg/M ³
Unrestrained Expansion	: 2% - 4% @ 30° C
Expansion Time (After Mixing)	: Stops after approximately 120 mints at 30° C
Flowability under 100mm Head at 30° C	: Gap width 20mm – 1600mm Gap width 40mm – 3000mm
Water powder Ratio	: 0.17
Compressive strength (Kg/Cm ²)	: 1 day 3 day 7 day 28day 255 480 580 750

METHOD OF USAGE :

Ensure grouting surface is free from contaminations like oil, dust etc. Ensure leak proof Shuttering.

Max 4.25 ltrs. of water for 25kg of grout.

When the gap is more than 100mm below the base plate, 10mm – 5mm coarse aggregate by 50% to 100% by weight of grout can be mixed. Exposed areas of grout should be cured for 7 days. Start curing as soon as the grout reaches touch hard state. When grouting pouring should be from one side only. Ensure that there are no air voids. There should not be strong vibration after grouting upto 24 hours.

ESTIMATION:

25 Kg of **CEMGROUT BOND – 720** yields 13.25ltrs.

PRECAUTION:

CEMGROUT BOND – 720 is non-toxic and non-flammable. Any splashes on to the eyes have to be immediately washed with plenty of water and medical advice has to be taken.

SUPPLY:

CEMGROUT BOND - 720 is supplied in 25 kg bags.

SHELF LIFE: 6 Months.

All products are sold subjects to our standard terms and conditions of sale.

BOND CHEMICALS,
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