



MERGUSS G.T.I[®] (Grouting Injection)

Description MERGUSS G.T.I[®] is a mortar admixture, composed from selected ingredients which is specially designed to improve the properties of the fresh and hardened mortar (swelling).

Uses MERGUSS G.T.I[®] is very useful to fill cavaties, sealing voids, cracking, in soil anchors, drilled piles, prestressed concrete and restoration of damaged concretes like cracking or porous concrete.

Advantages

- Easy to apply
- Non shrink
- Superior bonding strength
- Reduce water requirement and segregation
- Improve concrete impermeability
- Non corrosive

Technical Data

Colour	: Light yellowish
Form	: Powder
Density	: 0.98 gr / cc
Physiological effect	: No harmful effects on human organism
Dosage	: 1% - 2% of cement weight
Shelf life	: Approx. 1 year in sealed bags and good storage condition
Packaging	: 500 gr / plastic bag (1 drum = 200 plastic bag)
Storage	: Store in cool and shaded place, avoid direct sunlight, keep sealed before used
Chloride content	: Nil

Instruction for use Mix cement with some of the gauging water, in normal condition W/C ratio is 0.25 - 0.3 then stir well continuously, until a homogeneous mix obtained.

Add MERGUSS G.T.I[®] 1% - 2% of cement weight for further mixing.

The total mixing time should be at least 5 minutes with intensive mixer. In special cases the swelling effect may be adapted to the existing condition by a change of dosage.

Analisa Data Merguss G.T.I[®]

Properties	ASTM C 845 (Exp. Hid. Cemt.)	MERGUSS G.T.I [®]
1. Setting Time	min 75 minute	210 minute
2. Air Content	12 %	3.6 %
3. Expantion until 7 days until 28 days	0.04 % - 0.1 %	2.3 %
4. Compressive Strength		
7 days	147 kg/cm ²	519 kg/cm ²
28 days	254 kg/cm ²	539 kg/cm ²



PT. MULTI ERAGUNA USAHA

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