



EUCO THX

POWDERED ADMIXTURE FOR HIGH STRENGTH, NON-SHRINK GROUT

EUCLID CHEMICAL

RETARDERS

EUCON THX

Rev:01, 04/20

DESCRIPTION

EUCO THX is a powdered admixture which aids in the production of high strength, non-shrink grouts. It is ideally suited for grouting rock and soil anchors, micropiles, rockbolts and soil nails. High early strength grouts can be produced (35 MPa) in 24 hours, allowing early stressing of anchors and loading of micropiles. High strength grouts are made using low water / cement ratio grouts. EUCO THX increases grout flowability at low water / cement ratios, allowing them to be pumped and placed with ease. Additional components of EUCO THX provide expansion of the grout to compensate for typical shrinkage. EUCO THX contains no added chlorides or chemicals known to promote the corrosion of steel.

PRIMARY APPLICATIONS

- Rock and Soil Anchors
- Micropiles
- Soil Nails
- Rockbolts
- Grouting applications where high strength, non-shrink grouts are required

FEATURES/BENEFITS

- Increases grout durability
- Reduces or eliminates grout shrinkage
- Enhances flowability of cement grouts
- Enables the development of higher strength at all ages
- Produces a thixotropic grout mix that reduces grout mobility once placed

PACKAGING

EUCO THX is available in 5 kg and 20 kg.

SHELF LIFE

6 months in original, unopened container.

SPECIFICATIONS/COMPLIANCES

EUCO THX meets or exceeds the requirements of ASTM C937.

DIRECTIONS FOR USE

EUCO THX is generally dosed at rates ranging from 1 to 3 kg/50 kg of cementitious material. EUCO THX can be added to regular anchor grout mixes to improve flowability, increase grout strength and reduce grout shrinkage. To increase early and ultimate grout strength and further reduce or eliminate shrinkage, use 17 to 19 L of water per 50 kg of cement and 2.60 to 3.20 kg of EUCO-HX. Grout strength and shrinkage will vary depending on cement used.

Euclid Chemical recommends testing grout mixes prior to production. When casting sample cubes always use brass molds to provide confinement against expansion during curing. Because of variations in job conditions and concrete materials, dosages other than the recommended amounts may be required. In such cases, contact your local Euclid sales representative.

PRECAUTIONS/LIMITATION

- Test mixes may be required due to variations in local materials and conditions
- Add to mix independent of other admixtures.
- In all cases, refer the Safety Data Sheet before use.