

Anchortite TX

High Strength, Thixotropic Polyester Grout

Uses

Anchortite TX is used for grouting starter bars and short anchor bolts in concrete and rock and for grouting bearing and jacking plates on post-tensioned rock and concrete anchor bolts. It is also ideal for setting alignment jacking pads on large equipment bases and for free-formed shim requirements under base plates.

Advantages

- Thixotropic consistency permits vertical application
- Fast setting, pot life as little as 5 minutes
- High strength

Following are typical values for Anchortite TX:

Compressive Strength, ASTM C-109

Fives times pot life – 10,000 psi (69.0 MPa)
7 days – 14,000 psi (96.5 MPa)

Tensile Strength, ASTM C-307

Five times pot life – 1,500 psi (10.3 MPa)
7 days – 2,000 psi (13.8 MPa)

Heat Distortion, ASTM D-648

Temperature – 212°F (100°C)

Coefficient of Linear

Expansion – $2.55 \times 10^{-5}/^{\circ}\text{C}$

Description

Anchortite TX is a two-part, fast setting, thixotropic polyester grout, consisting of a specially formulated thixotropic resin and hardener. It is ideally suited for grouting and for setting anchors. Anchortite TX is unsurpassed for grouting short (under 12" long) anchor bolts and starter bars in concrete or rock. Always perform pull out testing to determine the

performance in each situation. Anchortite TX resists oil, grease, fats, mild acids, and alkalis, fresh and salt water. Where exposure to a specific chemical is anticipated, consult Minova directly.

Instructions for Use

For industrial use only. Refer to MSDS for Health, Regulatory, and Safety information before use.

Anchor bolt holes should be drilled using air or water flushed rotary percussive drilling equipment. If diamond core or non-percussive drills are used, the hole must be thoroughly scoured using a coarse wire flue brush. Anchor bolt holes less than 36" deep should not be more than 1/2" larger in diameter than the diameter of the anchor bolts. Anchor bolts longer than 36" can have a hole diameter 3/4" larger than the bolt diameter. Minova Lokset® Resin Cartridges may be considered for long bolt application.

To obtain the proper consistency, the correct ratio of filler/hardener-to-resin must be used. The ratio is two parts of filler/hardener to one part resin by volume. Place a measured volume of resin into a clean container, then gradually add the hardener to the resin, stirring constantly to obtain a uniform consistency.

Place Anchortite TX into prepared hole such that little or no air is trapped. After placing Anchortite TX in the hole, insert the bolt or bar. Insert the hardware with a twisting action for maximum contact between the resin compound and anchor.

CAUTION: DO NOT add other materials to Anchortite TX. DO NOT mix more grout than can be applied within the pot life of the material.

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Anchortite TX

Unit Yield: .25 cubic feet (.007 M³)

Unit Weight: 32 pounds (14.51 kg)

Color: Gray

PACKAGING

A standard unit of Anchortite TX contains:

1 gallon can resin – 8 pounds (3.6 kg)

1 bag filler/hardener –24 pounds (10.9 kg)

SHELF LIFE

Anchortite TX has a shelf life of 12 months if stored in unopened containers under recommended conditions. Unused quantities of resin and filler/hardener may be tightly resealed and stored in a cool (60°F – 80°F) dry place.

Anchortite – SLOW AND FAST

Specify Resin Speed When Ordering	Consistency	Ratios		Pot Life in Minutes				
		Filler to Resin by Volume	Filler to Resin by Weight	30°F (-1°C)	45°F (7°C)	60°F (15.5°C)	75°F (24°C)	90°F (32°C)
Slow	Trowelable, Thixotropic	2:1	3:1	206 (not recommended)	130	60	30	15
Fast	Trowelable, Thixotropic	2:1	3:1	45	25	12	7	3

Minova Americas Products

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