

THERMAL CONDUCTING CEMENTS



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SINCE 1954

TRACIT-600A

Heat Transfer Mastic, Hardening

APPLICATIONS

TRACIT-600A is a high-temperature heat transfer compound (cement) that hardens when cured. This fine-grained mastic is designed for use on electric and thermal fluid heat tracing systems exceeding 750°F (400°C). May also be used on high-temperature applications such as electric strip and ring heaters.

This compound dissipates heat away from electrical resistance heating elements into the adjacent equipment. Systems that utilize TRACIT-600A experience faster heat-up times and increased energy efficiency.

INSTALLATION

Remove lid and stir compound. If Tracit-600A has frozen, thaw before use.

Gloves and safety glasses are recommended during installation, as this product is slightly alkaline. Remove excess surface dirt, rust, etc. from contact surface before application for proper bonding.

For tracing applications, apply a thin layer (1/4 inch thick) with a mortar trowel to completely cover tracer tube. For non-tracing applications, consult system manufacturer for further instructions.

Curing: Heat for 12-24 hours at 180°F to 212°F (82°C-100°C), or air-dry above 32°F until Tracit-600A has fully hardened.

Protect TRACIT-600A from water penetration. TRACIT-600A should never be exposed to acid.

Tracit-600A may be removed using water.

Chemax CC1 galvanized metal channels are recommended for faster installation and weather protection. Sold in 4-ft. pieces.



SPECIFICATIONS

Minimum Application Temperature: 32°F

Maximum Usage Temperature: 1250°F (675°C)

Minimum Usage Temperature: -300°F (-182°C)

Heat Transfer Coefficient (Heat source-pipe wall): 20-40 Btu/hr•°F•ft² (114-227 w/m²•°C)

Bonding Strength: 200-275 lbs/in²

Water-Soluble: Yes

Nominal electrical resistivity: 0.365 ohms-inch (0.927 ohms-cm)

Shelf Life: 1.5 years in unopened can.

Stock Container Sizes: 5-gallon can, 1-gallon can, quart can, pint can, 10 or 32 oz. caulk cartridge, 55-gallon drums.

COVERAGE RATES

Based on 1/8 inch application thickness. Apply by hand trowel. Flat surface coverage rate: 12 sq. ft. per gallon.

Tracer Size	Process Line Size	Linear Feet/Gallon
3/8" O.D.	1 1/2" to flat	32
1/2" O.D.	1 1/2" to flat	28
3/4" O.D.	2" and larger	14
1" O.D.	3" to flat	9