



CalCoat-127®

1200°F (650°C) ONE COAT FINISHING CEMENT

DESCRIPTION

CalCoat-127 is a proprietary blend of hydraulic cement, calcium silicate and inorganic mineral fibers, with corrosion inhibitors, that provides a smooth finish over high-temperature insulation. No wire mesh is required. It can also be used as a general-purpose insulating cement, as it is easy to trowel and resists wetting after initial application. CalCoat-127 can be painted with water or oil base paints.

ADVANTAGES

- CalCoat-127 does not cause corrosion to austenetic stainless steel.
- Dries to a smooth, paintable surface.
- Easy to apply, with no mesh required.

APPLICATIONS

Due to its composition and low thermal conductivity, CalCoat-127 is recommended for finishing use with calcium silicate or perlite insulation in high-temperature piping and equipment applications. Because of its corrosion inhibiting properties, it is especially recommended for industrial processing and power generating facility applications using stainless steel piping and operating at temperatures up to 1200°F (650°C).

PACKAGING

CalCoat-127 is packaged in a moisture resistant, heavy-duty poly bag, with a convenient built-in handle, containing 45 lbs. (20.4 kgs).

APPLICATION INSTRUCTIONS

- Mix with clean water until desired consistency is reached.
- Set time approx. 2 hrs. (depends upon environmental conditions).
- Allow to cure for 24 hrs. prior to applying heat.

ADDITIONAL INFORMATION AND MSDS

Please visit our website at www.iig-llc.com.



CalCoat-127®

PHYSICAL PROPERTIES	
ASTM C166 Volume Change on Drying	30 ft ² at 1" (2.8 m ² at 25 mm) thick
ASTM C354 Compressive Strength	200 psi (1379 kPa)
ASTM C449 Material Specification	Passes
ASTM C356 Linear Shrinkage	Less than 2%
Dry Coverage Capacity	30 ft ² at 1" (2.8 m ² at 25 mm)
Bulk Density	20 lbs/ft ³ (320.4 kgs./m ³)
BS 3958: Part 6	

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GOVERNMENT CERTIFICATION

When ordering material to comply with any government specification or any other listed specification, a statement of the fact must appear on the purchase order. Government regulations and other listed specifications require specific lot testing, and prohibit the certification of compliance after shipment has been made. There may be additional charges associated with specification compliance testing. Please refer to IIG-CSP-3 for certification procedures and charges.

ISO 9000 CERTIFICATION

Industrial Insulation Group mechanical insulation products are designed, manufactured, and tested in our own facilities, which are certified and registered to stringent ISO 9000 (ANSI/ASQC 90) series quality standards. This certification, along with regular independent third-party auditing for compliance, is your assurance that Industrial Insulation Group products deliver consistent high quality.

Industrial Insulation Group, LLC is a Johns Manville company. IIG manufactures MinWool-1200® mineral fiber pipe, block and a variety of other insulations; Thermo-12® Gold Calcium Silicate pipe and block insulation; Super Firetemp® fireproofing board; SprouleWR-1200® Perlite pipe and block insulation; high temperature adhesives, and insulating finishing cement.

The physical and chemical properties presented herein represent typical, average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. They are supplied as a technical service and are subject to change without notice. Numerical flame spread and smoke developed ratings are not intended to reflect hazards presented by these or any other materials under actual fire conditions. Check with the Customer Service Office to assure current information. All Industrial Insulation Group products are sold subject to the IIG Limited Warranty and Limitation of Remedy. For a copy of the IIG Limited Warranty and Limitation of Remedy, email - info@iig-llc.com.



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**CUSTOMER SERVICE,
TECHNICAL & GENERAL INFORMATION**

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