



InsulKote® ET WEATHER-PROTECTIVE COATING

DESCRIPTION

Developed as a high quality protective coating, Insulkote ET is a compound of selected and processed bitumens, non-asbestos fibers and mineral fillers. This formulation was chosen after careful development and testing to give maximum protection at lowest applied cost to insulated tanks and process equipment.

AVAILABLE TYPE

Insulkote ET. A non-vapor barrier, weatherproof coating for use over insulation where “breathing” is required. Available in 5 gallon (18.9 liter) pails, and 55 gallon (208 liter) drums.

APPLICATIONS

Recommended for weather-protecting insulated vessels, tanks, piping, equipment, and duct work.

ADVANTAGES

Durable. Insulkote effectively seals out water, preserves maximum insulation efficiency, and helps prevent rusting and corrosion of expensive equipment.

Keeps out water. Years of service in the field have shown that Insulkote resists acid or alkaline atmospheres and will stand up under the most adverse weather conditions. Its composition minimizes surface cracking under sudden temperature changes. A jet black material, it will not fade after it is applied—patches will not contrast with weathered coating.

Easily applied. Furnished ready-mixed to facilitate quick, easy trowel application.

APPLICATION INSTRUCTIONS

Insulkote ET should be protected from freezing in shipment and in storage. Insulkote should only be applied where the ambient temperature is between 50°F and 120°F (10°C and 49°C). Insulkote should not be applied where danger of freezing exists before coating is fully dried. Drying will be affected by atmospheric conditions such as rain and high humidity. Outdoor applications should not be exposed to direct rainfall until the coating has dried. Drying time is a function of sunlight, temperature and humidity.



InsulKote® ET
Operating Temperature Limits: 200°F (93°C)

On surfaces such as insulating and finishing cements, 1” (25 mm) hexagonal wire mesh should be applied first, although an open mesh glass cloth (no finer than 10 x10 weave) may sometimes be used. On relatively small jobs, it will also help if the dried cement surface is scored lightly with a knife. Care must be taken to stretch the wire or cloth tightly and to secure the edges together tightly. A preferred thickness would be approximately 1/4” (6 mm) thick, applied as two coats. The first coat should be 1/8” (3 mm) or somewhat less, but sufficient to completely cover the wire mesh. The final coat must be applied while the first coat is still tacky and slightly wet to the touch. The completed job must show no exposed wire mesh or glass cloth.

If water is present in the insulation on which Insulkote has been applied, efflorescence may occur on the surface of the Insulkote. Efflorescence is a white powdery substance that sometimes appears on the surface of coated insulation products. It is caused by the migration of soluble salts from the insulation. This is easily removed by washing or by rainwater.

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SPECIFICATION DATA/PHYSICAL PROPERTIES

Type	Insulkote ET
Application	Emulsion Trowel
Weight per Gallon	8 lbs. (3.63 kg)
Coverage as Applied	15 gal. (56.8 liters) per 100 sq. ft. (9.29 m ²) ¼" (6 mm) thick
Percent Shrinkage (volumetric)	50
Water Vapor Penetration In Perms-For Recommended Thickness	.06
Volatle Organic Compounds (VOV)	0.2 g/l
Service Temperature Range	20°F to 200°F (-7°C to 93°C)

Industrial Insulation Group, LLC is a Calsilite/Johns Manville joint venture. 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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