

CORROCOAT

HEATBLOCKA



COMBINING THERMAL
INSULATION AND
CORROSION PROTECTION

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Anti-corrosion specialists Corrocoat can now offer a practical solution to the problems of insulation and corrosion prevention with the introduction of Heatblocka, designed to provide a cost-effective combination of thermal insulation and corrosion protection.

Using Heatblocka

- Intended for both new and old equipment
- Designed for use on transfer lines, requiring insulation for process reasons, or for personnel protection to safeguard against accidental burns
- Other applications include tankage insulation to prevent heat build up, evaporation losses and loss of energy
- May also be used as an under-insulation corrosion barrier whilst adding to the insulating properties

Some insulation systems currently on the market provide insulation but relatively poor corrosion protection properties, whereas pure insulation materials such as fibreglass cladding solutions require additional corrosion protection under the insulation, Heatblocka provides an excellent alternative or addition.

Applying Heatblocka

- Heatblocka is used at a thickness of between 2- 6mm
- 3mm can be achieved in a single coat application
- A 3mm thickness of Heatblocka would reduce the surface temperature of a pipe from typically 90°C to around 67°C
- Applied at 6mm a reduction from 90°C to circa 55°C is achieved

Normally used in white, Heatblocka can be overcoated to meet an individual plant's colour requirements.

The product gives good corrosion protection properties in line with Corrocoat's established range of glass flake filled coatings, now used worldwide to protect equipment in industries as diverse as petrochemicals, oil and gas, marine and power generation.

Material Type

Two-pack cold cured high build insulating coating.

Use

Used as a durable coating in areas which require both insulation and corrosion protection.

Surface Preparation

For best results abrasive blast to ISO Standard 8501-1/SA 2.5.

For non-immersed environments Heatblocka may be applied over wire brushed or needle gunned surfaces.

Application

Airless spray is recommended for optimum results.

May be brush / trowel applied.

Normally applied direct to the surface wet on wet at films between 2000-3000 microns.

Single coat applications are acceptable.

Pot Life

Ca 50 minutes @ 20°C (may be varied by use of inhibitor or special manufacture for low application temperatures)

Storage Life

Base 12 months and catalyst (hardener) 6 months, stored at temperatures below 20°C away from heat sources and out of direct sunlight.

Temperature Limits

100°C immersed. 140°C non-immersed
(no known lower limit)

Overcoating

Minimum: as soon as gel has occurred and whilst still tacky

Maximum: at 20°C 72 hours

Times vary substantially with climatic conditions

Cure Times

Full cure 3-4 days at 20°C

This product and information is intended for use by buyers having requisite skill and know-how in the industry and therefore it is buyer's responsibility to satisfy itself of the suitability of the product for his own particular use and it shall be deemed that buyer has done so at its sole discretion and risk.

Information in this brochure is offered in good faith but without guarantee or liability.

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