

CORROCOAT

FLARESTACK NANOPAINT



CORROSION PROTECTION
AT HIGH TEMPERATURES

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Leading anti-corrosion specialist, Corrocoat can now offer a practical solution to the problem of corrosion protection at high temperatures with the introduction of Flarestack Nanopaint.

Providing excellent corrosion protection to non-immersed metal surfaces with ambient temperatures up to 550°C., Flarestack Nanopaint is ideal for use on flare stacks and lines, furnaces, heaters, exhausts, towers and other high temperature atmospheric service applications. It can also be used as an under-insulation corrosion barrier to prevent problems associated with CUI. (corrosion under insulation)

Material Type: A single pack, aluminium flake-filled, silicon coating

Application: Brush or roller application, or by airless spray using a 45:1 pump ratio and a gun fitted with a .0013" reversible spray tip. Wet film applications over 120 microns should be avoided.

Generally 2 or 3 coats of approximately 30-50 microns DFT per coat are required. Edges and other corrosion susceptible areas may benefit from a stripe coat before or in between main coats. WFTs of more than 120 microns must not be applied, as excessive WFTs will affect the cure of the product.

Flarestack Nanopaint should be applied at substrate temperatures below 50°C and ambient temperatures above 8°C.. It must not be applied to damp or wet surfaces.

Surface Preparation: For best results, abrasive blast cleaning to ISO standards 8501-1, SA2, SSPC-SP10 should be used. UHP water blasting to NACE No 5 / SSPS – SP12 WJ-2/L standard can be used but the substrate must be dry before application of material. Flarestack Nanopaint can be applied over a mechanically prepared substrate but this will lead to deterioration in performance.

Storage Life: Up to 12 months minimum in original unopened tins.

Colour: Metallic Aluminium finish

Practical Spreading: 10-12 sq m per litre (theoretical coverage rate: 13sq m per litre).

Flashpoint: 27°C (Closed Cup method).

Cure Times: Touch dry time is variable, typically 30 minutes after application at 20°C. Over coating can commence as soon as the first coat is dry.



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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Corrosion



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