

Interbond 1202UPC

Specification standardisation driving cost savings across the contract chain

Designed for use at high temperatures, Interbond 1202UPC is ideal for pipe, valve and vessel manufacturers.

Product features

- Two component coating delivering temperature resistance and corrosion protection from -196°C (-321°F) up to 650°C (1,202°F)
- Compliant with the performance criteria of the ISO12944-9 standard, without a primer
- Provides protection against corrosion under insulation (CUI)
- Short minimum overcoating intervals
- Crack resistant during transit



Reducing complexity

The complicated business of designing a process plant with large amounts of pipe spools, valves and vessels operating at different temperatures just got easier. Why use multiple external coating systems when one coating specification can do it all? UPC – a truly Universal Pipe Coating.

Specification simplicity

UPC offers a unique solution to reducing the complexity of external coating selection. Interbond® 1202UPC provides one specification from cryogenic service temperatures of -196°C (-321°F) through to the highest temperatures within the process plant at +650°C (1,202°F). Specifying one product in this way greatly reduces project rework costs by standardizing the approach to pipe spools, valves and vessels.

Unique inorganic copolymer chemistry allows 1202UPC to perform across a wide range of operating temperatures, without the need for a primer or heat curing.

Easily applied to carbon, stainless and alloy steel, Interbond 1202UPC offers corrosion protection for both uninsulated and insulated substrates and has excellent resistance to corrosion under insulation (CUI).

Increased productivity

The reduction in coating complexity offers many benefits from increased factory throughput and simpler paint stock management to the more intangible, but equally important, decrease in coating selection errors.

UPC can also be applied in one coat of 175µm (7 mils) using a multi-pass technique.

Short minimum overcoating intervals can allow two coats to be applied in one day, increasing overall productivity.

Typical schemes

-20°C to 150°C (-4°F to 302°F)	150°C to 230°C (302°F to 446°F)	150°C to 260°C (302°F to 500°F)	230°C to 540°C (446°F to 1,004°F)	-196°C to 400°C (-321°F to 752°F)
Modified epoxy	Epoxy phenolic	Silicone acrylic	Aluminium silicone	IMM
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Steel pipe	Steel pipe	Zinc silicate	Zinc silicate	Zinc silicate
		Steel pipe	Steel pipe	Steel pipe

-196°C to 650°C (-321°F to 1,202°F)
Interbond 1202UPC
Interbond 1202UPC*
Steel pipe

* Interbond 1202UPC can also be applied over a zinc silicate primer