

Intertherm 228HS

Temperature resistant epoxy phenolic

Intertherm[®] 228HS is a high solids, low VOC epoxy phenolic coating which provides excellent corrosion protection across a wide range of offshore and onshore industrial environments.

- Protects equipment and steelwork operating at temperatures up to 446°F (230°C)
- Protects against corrosion under insulation (CUI)
- Suitable for cyclic and constant temperature service
- Excellent resistance to thermal shock
- High solids formulation with only 2.21 lb/gal (265 g/L) VOC



Intertherm 228HS is a next generation epoxy phenolic coating, higher in solids and lower in VOC

Epoxy phenolic coatings have become widely used within the industry for the protection of elevated temperature and insulated steel work. Their excellent versatility, long term anti corrosive performance and temperature resistance means they have many applications across a facility. Intertherm® 228HS has been engineered to provide all of the best attributes of a high performance epoxy phenolic coating but with higher solids and lower VOC.

Corrosion Under Insulation

Corrosion under insulation (CUI) costs industry millions of dollars every year and can often lead to devastating and unexpected failures.

The highly crosslinked film of Intertherm® 228HS has been specifically developed to provide long term corrosion protection to insulated steelwork, helping to minimize the risk of a catastrophic CUI failure.

Film build

Intertherm® 228HS is tolerant to a range of application thicknesses. While optimum performance is achieved by the typical 4 mils (2x100 µm) system, Intertherm® 228HS will perform equally as well at total film builds up to 12 mils (300 µm). This helps reduce the risk of cracking from over application when applied to weld areas and equipment with complex geometries.



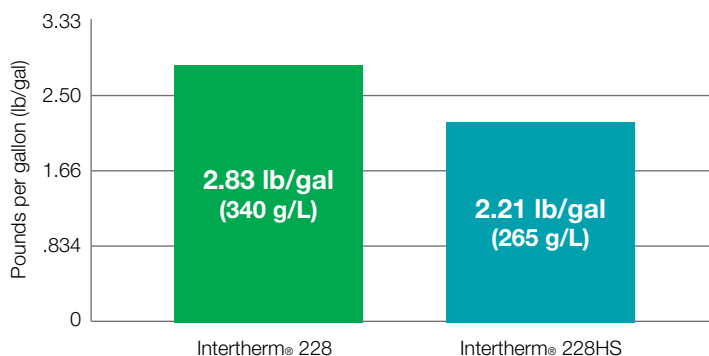
Suitable for cryogenic use

The densely crosslinked film of Intertherm® 228HS offers corrosion protection even after exposure to cryogenic temperatures as low as -320°F (-196°C), making it ideally suited for low temperature stainless steel piping and equipment seen in the LNG industry.

High solids, low VOC

A high solids, low VOC formulation means Intertherm® 228HS can significantly reduce VOC emissions for a facility or a project. With only 2.21 lb/gal (265 g/L) of VOC, Intertherm® 228HS offers reduced emissions without compromising product performance or ease of use.

Volatile Organic Content (VOC)



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