

# Intertherm 3070

## Subsea Phenolic Epoxy Novolac

With extensive performance testing and color options all of your subsea coating needs can now be met with just one product.

Intertherm<sup>®</sup> 3070 has been formulated to meet the challenges of protecting subsea equipment operating at high temperatures and acts as the primary corrosion barrier for equipment and piping.

Intertherm 3070 provides a straightforward solution for owners, engineers and equipment manufacturers looking for high temperature subsea coating solutions.

- Pre-qualified to **Norsok M-501 Edn. 6 System 7C at 175°C (350°F)** steel temperature
- Designed for carbon or stainless steel in subsea environments operating at elevated temperatures
- High temperature resistance due to high performing phenolic epoxy novolac resin
- Simplified and improved productivity
- Available in subsea colors



# A high performance temperature resistant phenolic epoxy novolac for subsea equipment

The extreme operating requirements experienced by subsea equipment mean only the most robust coating systems can be used. Intertherm 3070 is based on trusted phenolic epoxy novolac technology, providing an ultra high network density which gives it outstanding resistance to high operating temperatures in the subsea market.

Extensive testing has been carried out to demonstrate the high temperature performance capabilities of Intertherm 3070. This includes pre-qualification to Norsok M-501 Edn. 6 System 7C at 175°C (350°F) steel temperature. Long term performance is also backed up by independent immersion testing at temperatures above 185°C (375°F) carried out over extended time durations.



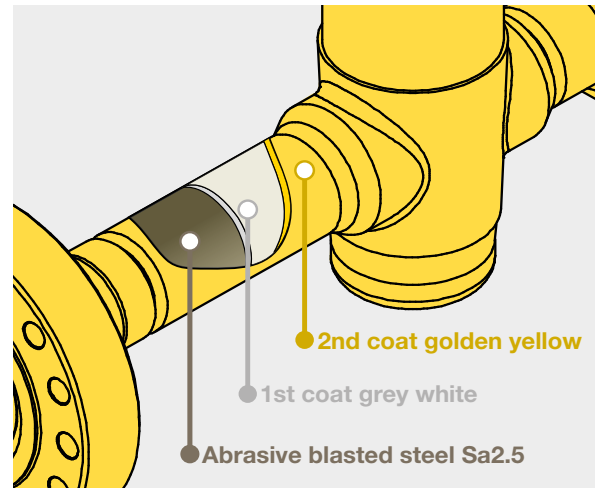
Intertherm 3070 being applied to hot pipe work for the Det Norske Jette subsea field development

Intertherm 3070 has been formulated to improve the dry film thickness sensitivity typical of epoxy phenolic coatings. With 70% volume solids, Intertherm 3070 has reduced dry spray characteristics and makes touch up easy for small areas. Its ultra high impact resistance has been recorded at greater than 20 Joules, reducing the likelihood of damage both during fabrication and once in service.

## Product characteristics

<b>VOLUME SOLIDS</b>	70%
<b>VOC</b>	290 g/l 2.42 lb/gal [USA - EPA Method 24]
<b>PRODUCT WEIGHT</b>	1.67 kg/l (13.9 lb/gal)
<b>SURFACE PREPARATION</b>	Abrasive blast to Sa2½ or SSPC-SP10
<b>METHOD OF APPLICATION</b>	Airless Spray
<b>TYPICAL THICKNESS</b>	100µm (4 mils) to 175µm (7.0 mils) dry equivalent to 143µm (5.7 mils) to 250µm (10 mils) wet

## A universal subsea coating system



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