

## New Product Line for demanding Offshore Areas

# Ceramic Polymer: NORSOK M-501 Our Coatings for Offshore Requirements

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Regarding suitability of protective coatings for the offshore industry, the system classification NORSOK M-501 is the most important standard for the assessment of product reliability. Our specific coatings feature extreme mechanical resistances and provide long-lasting corrosion protection at durable sea water and weather exposure also within the tidal and splash zone.

## NORSOK M-501, Edition 6 - System 1 and System 7B

Ceramic Polymer provides high-quality 2 component primer and coatings in compliance with Norsok M-501, Edition 6 - System 1 and System 7 B

- High solid zinc rich primer, epoxy coatings and polyurethane coatings
- Extreme barrier properties
- Extreme corrosion resistance
- Excellent mechanical strength
- High abrasion resistance
- Fast curing
- Excellent flexibility
- Extreme color retention
- Temperature resistance up to 120 °C
- Immersion qualified
- Splash zone resistant
- ISO 12944: Corrosivity classes C5-I, C5-M, IM-1, IM-2, IM-3



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Structural steel and exteriors of equipment, vessels piping and valves (un-insulated)  
Operating temperature < 120 °C



Submerged carbon and stainless steel, including the splash zone  
Operating temperature ≤ 50 °C

| 3-LAYER-SYSTEM          |               |
|-------------------------|---------------|
| PRODUCT                 | DFT (µm)      |
| Ceramic-Polymer NK C5-1 | 100 µm        |
| Ceramic-Polymer NK C5-2 | 120 µm        |
| Ceramic-Polymer NK C5-3 | 100 µm        |
| <b>TOTAL THICKNESS</b>  | <b>320 µm</b> |

| 2-LAYER-SYSTEM         |               |
|------------------------|---------------|
| PRODUCT                | DFT (µm)      |
| Proguard M-ST1         | 225 µm        |
| Proguard M-ST2         | 225 µm        |
| <b>TOTAL THICKNESS</b> | <b>450 µm</b> |

Our new coatings are certified as a 3-layer or 2-layer system, depending on requirements. They can be applied easily by airless or airmix spraying and also by conventional handtools.

We gladly provide you more product information with our new Catalogue for NORSOK Offshore Coatings and our Technical Data Sheets, where we describe the technical properties, application data, curing times and kit sizes. Please get in contact with us.

**Do you have specific questions regarding our new Product Line?**

**Our product consultants are certified coating inspectors – they support you competently and comprehensively!**