

**Marine & Protective Coatings**

# EPOSIST 4000 IC

|                          |   |           |           |
|--------------------------|---|-----------|-----------|
| <b>Code No. / Colour</b> | Base  | ERCS 3901 | red brown |
|                          |   | ERCS 9105 | black     |
|                          | Hardener  | EPX 1722  |           |
| <b>Description</b>       | Special high build two-pack abrasive resistant epoxy coating.                                 |           |           |
| <b>Recommended use</b>   | Under water two coat system for ice breaking and ice going vessels used in artic environment. |           |           |
| <b>Certification</b>     | ---   |           |           |

**Product information**

|                             |   |
|-----------------------------|---|
| <b>Solids volume</b>        | abt. 80 %                                     |
| <b>Recommended DFT/WFT</b>  | 350/440 microns                               |
| <b>Theoretical coverage</b> | 2,5 m <sup>2</sup> /litre (at DFT 400 micron) |
| <b>Specific gravity</b>     | abt. 1,46 g/cm <sup>3</sup> (mixed product)   |

|                |           |      |          |
|----------------|-----------|------|----------|
| <b>Mixture</b> |           | Base | Hardener |
|                | by Volume | 15,0 | 5,0      |

|                    |   |
|--------------------|---|
| <b>Flash point</b> | + 25°C  |
| <b>Storage</b>     | abt. 6 months (under normal conditions for un-mixed components) |

**Application**

|                              |  |
|------------------------------|--|
| <b>Pot life</b>              | 1 hour(s) at 20°C  |
| <b>Method of application</b> | By airless spray, when temperature is higher than 20°C, a single feed airless equipment is recommended. Application by brush or roller for stripe coating or spot repair only. |
| <b>Tip size</b>              | 0,019" - 0,023"  |
| <b>Thinner</b>               | VEP 47 (for equipment cleaning)  |

| <b>Drying time</b>     |                | Temperature | + 5°C   | + 10°C  | + 20°C  | + 30°C  |
|------------------------|----------------|-------------|---------|---------|---------|---------|
| <b>Touch dry</b>       |                |             | 30 hrs. | 10 hrs. | 6 hrs.  | 4 hrs.  |
| <b>Overcoatability</b> | <b>minimum</b> |             | 48 hrs. | 16 hrs. | 12 hrs. | 10 hrs. |
|                        | <b>maximum</b> |             | 10 days | 5 days  | 3 days  | 48 hrs. |
| <b>Ready for use</b>   |                |             | 12 days | 7 days  | 5 days  | 3 days  |

|                                 |   |
|---------------------------------|---|
| <b>Surface preparation</b>      | Oil, grease, salts and other residues have to be removed by appropriate means (DIN EN ISO 12944-4). Blast cleaning SA.2½ (ISO 8501-1) with a surface roughness of minimum 75 microns.                                   |
| <b>Recommended paint system</b> | 2 x EPOSIST 4000 IC   |
| <b>Overcoatability</b>          | Can be over-coated with same material, like over-coating interval in the drying-time-table  |
| <b><u>Generals</u></b>          |   |
| <b>Safety precautions</b>       | a) Follow all relevant local or national Health, Safety and Environmental regulations of the legislator and trade association.<br>b) Prior use, read and follow strictly all notices on the material safety data sheet. |
| <b>World-wide availability</b>  | Minor product modifications may exist in order to comply with legislation or particular local conditions.   |
| <b>General remarks</b>          | During application the temperature of the surface should be at least 3°C above the dew point of the air.  |

These technical data are given to you for information purpose only. They are based on our own research and experiences. No responsibility can be assumed due to different conditions during application,

In Collaboration with:  


as these depend on factors beyond our control. In case of doubt, please consult our technical / service department. Data are subject to change without prior notice and become void five years from the date issue.