

Marine & Protective Coatings

EPOSIST 2000 SI

| | | | | | |
|-----------------------------------|---|--|----------|---------|---------|
| Code No. / Colour | Base | ERCD 1602 | 225 µm | | |
| | Hardener | ERX 1655 ERX 1755 (wintertype) | | | |
| Description | <p>A tarfree two pack epoxy multipurpose anticorrosive coating designed for taking health, safety and environmental issues into consideration. It contains no bituminous ingredients of coal tar etc. and less volatile organics compounds as well as provides excellent water/ seawater resistance.</p> <p>EPOSIST 2000 SI is characterized by self indicating technology, which enables a painter to visually judge if the correct film thickness has been achieved during the application.</p> | | | | |
| Recommended use | Can be applied even on simple hand tool cleaned surfaces for ship's hull, decks, ballast-tanks, holds and industrial structures. For full-blasting 225 µm type is available, enabling one coat A/C system. | | | | |
| Certification | Tested for non-contamination of grain cargo at the Newcastle Occupational Health (NHS 7527/04), Great Britain. | | | | |
| <u>Product information</u> | | | | | |
| Solids volume | abt. 75% (mixture) | | | | |
| Recommended DFT/WFT | 225/300 microns | | | | |
| Theoretical coverage | 3,3 m ² /litre (at stated solid volume and DFT./WFT.) | | | | |
| Specific gravity | abt. 1,40 g/cm ³ (mixture) | | | | |
| Mixture | | Base | Hardener | | |
| | by Volume | 16,0 | 4,0 | | |
| Flash point | + 25°C | | | | |
| VOC | < 275 g/litre DIN ISO 11890 | | | | |
| Storage | abt. 6 months (under normal conditions for un-mixed components) | | | | |
| <u>Application</u> | | | | | |
| Pot life | 4 hour(s) at 20°C | | | | |
| Method of application | Preferable by airless spray, brush or roller also possible. | | | | |
| Tip size | 0,019" - 0,023" | | | | |
| Thinner | VEP 47 (for equipment cleaning) | | | | |
| Drying time | Temperature | + 5°C | + 10°C | + 20°C | + 30°C |
| Touch dry | | 16 hrs. | 10 hrs. | 6 hrs. | 4 hrs. |
| Overcoatability | minimum | 24 hrs. | 16 hrs. | 12 hrs. | 10 hrs. |
| | maximum | 14 days at 20°C and 65% relative humidity after 7 days at 20°C and 65% relative humidity | | | |
| Surface preparation | Remove grease, oil contamination with thinner or cleaning agents. Minimum surface preparation St 2. Can be applied on old paint film with good adhesion. Loose old paint flakes have to be removed properly. | | | | |
| Recommended paint system | New-building 1 x EPOSIST 2000 SI 225 µm | Maintenance/Repair Please consult our technical department for repair and maintenance procedures. | | | |
| Overcoatability | Can be over-coated with same material, also during over-coating interval can be over-coated with WILKOPOX, WILKOR and WILKOTAN systems. | | | | |
| <u>Generals</u> | | | | | |
| Safety precautions | <p>a) Follow all relevant local or national Health, Safety and Environmental regulations of the legislator and trade association.</p> <p>b) Prior use, read and follow strictly all notices on the material safety data sheet.</p> | | | | |
| World-wide availability | Minor product modifications may exist in order to comply with legislation or particular local conditions. | | | | |
| General remarks | During application the temperature of the surface should be at least 3°C above the dew point of the air. | | | | |