

Marine & Protective Coatings

EPOSIST 3000

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|-------------------|--|----------|-------------------------|----------------------------------|---------------------------|
| Code No. / Colour | Base | ERL | No. according to colour | ERL 1501 ERL 3801 ERL 7501 | buff red brown grey |
| | Hardener | ERX 1679 | | | |
| Description | Ultra high-build surface tolerant multipurpose epoxy coating with excellent resistance to corrosion, impact, chemicals and solvents. Paint film becomes very tough and resistance to abrasion. | | | | |
| Recommended use | As single- or double-coat-system (up to 500 microns per coat) in heavily stressed areas i.e. hull outside, decks, ballast water tanks, holds and industrial application. Also as full coating for ice-going vessels. | | | | |
| Certification | Tested for non-contamination of grain cargo at the Newcastle Occupational Health (NHS 7528/04), Great Britain. | | | | |

Product information

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| Solids volume | abt. 93% mixture (according to colour) |
| Recommended DFT/WFT | 300/322 microns |
| Theoretical coverage | abt. 3,10 m ² /litre = 2,0 m ² /kg at 300 microns DFT, depending on the roughness of the surface and application conditions |
| Specific gravity | abt. 1,56 g/cm ³ mixture (depending on colour shade) |

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| Mixture | | Base | Hardener |
| | by volume | 17,3 | 2,7 |
| | by weight | 10 | 1 |

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| Flash point | + 30°C |
| VOC | < 150 g/litre (mixture) |
| Storage | abt. 6 months (under normal conditions for un-mixed components) |

Application

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| Pot life | 3 hour(s) at 20°C |
| Method of application | Preferable by airless spray, brush or roller also possible. |
| Tip size | 0,017" - 0,023" |
| Thinner | VEP 47 (for equipment cleaning) |

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| Drying time at 65 % relative humidity | <u>Temperature</u> | <u>+ 5°C</u> | <u>+ 10°C</u> | <u>+ 20°C</u> | <u>+ 30°C</u> |
| | Touch dry | 48 hrs. | 24 hrs. | 16 hrs. | 12 hrs. |
| | Overcoatability | min. 50 hrs. | 35 hrs. | 18 hrs. | 14 hrs. |
| | | max. | 2 month | | |
| | Ready for use | 48 hrs. up to 7 days depending on area and ambient conditions! | | | |

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| Surface preparation | During application the temperature of the surface should be at least 3°C above the dew point of the air. The substrate must be free of mill-scale, rust, salt, oil, grease, moisture or other contamination. Surface preparation has to be to a min. of ST 2,0. Best results obtained on grit-blasted surfaces to SA 2½. Old coatings have to be tested prior to application. |
| Recommended paint system | 1 - 2 x EPOSIST 3000 (film thickness is subject to specification) |

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| Overcoatability | Can be overcoated with same material. |
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Generals

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| Safety precautions | <ul style="list-style-type: none"> a) ensure adequate ventilation b) do not inhale spraymist c) if eyes are contaminated flush with water and ask for medical attention d) avoid contact with skin e) for further information refer to the safety data sheets |
| Availability | world-wide; minor product modifications may exist in order to comply with legislation or particular local conditions. |
| Generals remarks | |