

**EPOXY GLASSFLAKE SOLVENT FREE COATING**  **MP34085**

**A Solvent free epoxy poly amine coating reinforced by glass flake for lining of crude oil, oil derivatives, sea water, process water and ballast tanks in industrial, chemical & marine zones. It has good chemical ،abrasion resistant and High cathodic disbandment resistance**

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| --- | --- | --- | --- |
| 98±2 % | Volume Solid (A+B) | solvent evaporation and chemical reaction | Curing mechanism |
| 350-450 | **DFT (µ)** | **2** | **No. of component** |
| 350-450 | **WFT(µ)** | **gray** | **Color** |
| 2.2-2.8 | **Theoretical spreading rate(m²/lit)** | **gloss** | **texture** |
| 30008 | **Cleaner code** | **-------------------------** | **Density A**(gr/cm3) |
| \*12 months | **Shelf life** | **1.6±0.1 gr/cc** | **Density (A+B)** (gr/cm3) |

\* **In storage temperature of 10-30°C**

**DRYING AND RECOATING TIME**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Drying time & Recoating times | | | | |
| Dry to coat | | **Full cure**  **(day)** | **Dry to handle**  **(hour)** | **Touch dry**  **(hour)** |
| Maximum(days) | **Minimum(hours)** |
| 5 | **36** | **7** | **30** | **18** |

**The surface should be dry and free from contaminants to over coating. The best intercoat adhesion is achieved when the subsequent coat is applied before the preceding coat if fully cured**

**APPLICATION DATA**

|  |  |
| --- | --- |
| 1 Can comp. A should be mixed by 1 Can comp. B | Mixing ratio |
| 10 minute@25°C | **Induction time** |
| 1 hours @25°C | **Pot life** |

**APPLICABLE**

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|  |  |  |  |
| --- | --- | --- | --- |
| volume thinner | nozzle size(mm) | Pressure (bar) |  |
| 0-5% | **0.48-0.66** | **120-150** | **Airless spray** |
| 0-10% | **1.6-2.2** | **4-5** | **Air spray** |
| suitable for touch up purposes | | | **Brush** |

**APPLIACATIN CONDITIONS**

|  |  |  |
| --- | --- | --- |
| **Substrate Temperature** | **Temperature of the paint before application** | **Humidity** |
| **min 10°c-max.45°C** | **min.10°c ˓max.30°C** | **below 80% R.H.** |
| **The temperature of the substrate should be at least 3°C above the dew point of the air. Air temperature and relative humidity must be measured in the vicinity of the substrate.** | | |

**SURFACE PREPARATION**

|  |  |
| --- | --- |
| Abrasive blast clean to Sa2½ (ISO 8501-1:2007). If oxidation has occurred between blasting and application off this production, the surface should be reblasted to the specified visual standard.  Surface defects revealed by the blast cleaning process should be ground, filled, or treated in the appropriate manner | Steel substrates |

**HEALTH AND SAFTETY**

**Observe the pre cautionary notice on the label of the container. A material safety data sheet is available upon request. This product in intended for use by professional applicator.as a general rule ˓avoid skin and eye contact by wearing overalls ˓gloves ˓masks ˓etc. Spillage on the skin should immediately be removed through washing with water and soap or industrial cleaner. Spraying should be carried out under well-ventilated conditions. Avoid inhalation of solvent vapors and mist by wearing an air mask.**

**This product contains flammable materials and should be kept away from sparks and open flames˓ smoking in the area should not be permitted.**

**DISCALIMER**

**The information in this data sheet is provided to the best knowledge. However˓ we have no control over either quality or condition of the substrate and factors affecting the use and application of this product. Therefore ˓ we cannot accept any liability whatsoever or howsoever arising from the performance of the product or for any loss or damage arising from of this product**