

EPOXY PAINT PROTECTION / EPOX

GENERALITIES

Two-components Epoxy paint with hard scratch resistance, dark shining. Suitable for chemicals and corrosion external protection of goods to be installed in chemicals plants, bulk and paper line, mechanical machinery.

PAINT APPLICATION

Apply by wet spray

Primer : dry thickness 40 – 50 microns

Epoxy : dry thickness 50 – 60 microns,
15 hours ventilated ambient drying.

External exposition to weather conditions will influence the paint shining that progressively change to matte, not influencing the technical characteristic and protection resistance.

TECHNICAL DATA

| Characteristics | Pure | Catalyzed | Metering unit |
|-----------------------|---------------|---------------|---------------|
| Specific weight | 1.010 – 1.260 | 0.996 – 1.175 | Kg/L |
| Viscosity Ford 4/20°C | 20 – 30 " | // | S |
| Shining at 60° C | 90 - 100 | 90 - 100 | // |

CORROSION RESISTANCE

Test results on paint layer application on metal plate UNI, 5 days dried at 18 – 20°C temperature and humidity between 60% – 80 % .Dipped 3 day at ambient temperature.

| Type | Chemical agent | Concentration | Result |
|---------|-------------------------------------|---------------|-----------------|
| Acid | Nitric acid | 5 | Light whitening |
| | Hydrochloric acid | 10 | OK |
| | Phosphoric acid | 50 | OK |
| | Sulfuric acid | 10 | OK |
| Basic | Sodium hydrate (saturate solution) | 50 | OK |
| Solvent | Motor premium gasoline | | OK |
| | Ethyl alcohol 94° | | OK |
| | Toluene | | OK |
| | Perchlorethylene | | OK |
| Oils | Mineral oil 100°C | | OK |