

Product

DUROLAC FF 5434

cod. 4567 M430
9215 0000

“SURFACE TOLERANT” EPOXY PRIMER FOR STEEL STRUCTURES BASED ON MODIFIED EPOXY RESINS AND POLYAMINE-AMIDE WITH ZINC PHOSPHATE.

Features

- Good wettability penetration.
- Very high anticorrosive performance in severe conditions and aggressive marine and industrial environments for 6 months without a finishing protective coating.
- Possibility to do manual weldings because the coating does not emit toxic fumes.
- High resistance to fresh and salt water and aggressive environments both humid and exposed to severe chemical attack.
- Possibility to obtain 80 micron in a single coat.
- Can be over coated with epoxy,
- Can be over coated by epoxy, chlorinated rubber, polyurethane finishes.
- Application temperature from +7°C to + 40°C of the substrate.
- Operating temperatures from -25°C a +110°C in air.

Application field

- Anticorrosive primer.
- Anticorrosive primer for the protection and industrial maintenance of steel structures and also on corroded zinc-plated structures.
- Construction primer for structures that have to withstand long periods of exposure before final coating are applied.

Application

2 component compound to be mixed previous to use.

Surface preparation: for severe conditions and as construction primer, sandblast to SSPC-SP10 at grade Sa2½.

In all other cases preparation should be SSPC-SP3 at grade St3 or by water jetting at grade WJ 4, WJ 3 by SSPC-SP12 .

Application method: air-less spray using the product diluted by 2-10% of DILUENTE 21, pressure of 180 bar, nozzles 0.015"- 0.021".

By brush or roller use the product diluted by 1-5% DILUENTE 21. It may be over-coated with POLISTAR E, and CLORLAC.

After use equipment can be washed with DILUENTE 21.

Technical data

Color	Red oxide
Specific weight	1.43 ±0.02 g/cm ³
Mixing ratio	100 parts by weight of base 15 parts by weight of hardener
Viscosity at 23°C	Cup UNI EN ISO 2431 – FØ6: 50" ± 15
Pot life at 22°C	6 hours
Theoretical consumption	100-200 g/m ²

Thickness	40-80 microns
Solids	72% by weight 54% by volume
Hardening at 22°C, 50% RH	- dry to touch 40-60 minutes - hardened in depth 12 hours - overcoating 12 hours minimum - completely hardened 7 days
Storage	If kept in the original sealed packs in a dry, protected place at temperatures of +5°C to +35°C, the product will keep for 12 months.

All data and prescription reported on the present data sheet are based on the best lab and practical experience and should anyhow be considered as indicative. Considering all different uses and the occurring of situations and conditions independent from MPM (substrate, climate conditions, technical management etc. Those who intend to use the product should verify whether it is suitable for the specific conditions in which it will be applied before starting. MPM's responsibility covers the quality and productions standards referring to the above listed data only. Data should also be verified for latest available version of data sheets which could be surpassed by a new version. Data may change any time without notice from MPM.