

**D2 PAINT SPECIFICATION FOR HOT DIPPED GALVANIZED STEEL .
UNITED PAINTS REF: UNIEPOXY POLYAMIDE PRIMER & UNITHANE**



PAINT SYSTEMS FOR HOT DIPPED GALVANISED STEEL TO AS/NZS 4680 TABLE 7.1

**AS PER THE GUIDE TO THE PROTECTION OF STRUCTURAL STEEL AGAINST ATMOSPHERIC CORROSION BY THE USE OF PROTECTIVE COATINGS
AS/NZS 2312.1.2014 PART 2: HOT DIP GALVANIZING**

| Coating system details | | | | | | | | | | | | | Durability - Years to First Maintenance of paint component of duplex system | | | |
|------------------------|-------------------|---|----------------------------------|-----|------------------------|--|------------|-----------------------|----------|-----|-----------------------|-----------------------------|---|--------|---------|----------------|
| System No | Service qualities | Surface preparation | 1st Coat | | | 2nd Coat | | | 3rd Coat | | | Total nom DFT μm | Atmospheric corrosivity category | | | |
| | | | Type | PRN | No m DFT μm | Type | PRN | Nom DFT μm | Type | PRN | Nom DFT μm | | C2 Low | C3 Med | C4 High | C5-I Very high |
| 2D | Decorative | Degrease, wash and dry followed by sweep blast cleaning | Epoxy Primer (2-pack) Inhibitive | C06 | 75 | Polyurethane or acrylic gloss (2-pack) | C26 or C33 | 100 | | | | 175 | 10-15 | 10-15 | 5-10 | NR |

United Paints Product Specification: D2

| System | Data Sheet | Application Method | Theoretical Cover m^2/lt | D.F.T. microns | M.F.T. microns | Pack Type | Pot Life Hrs | Reducer | Recoat min (hr) |
|---|---------------------------|--------------------|--|----------------|----------------|-----------|--------------|------------------|-----------------|
| <u>D2:</u> 1st Coat Uniepoxy Polyamide Primer | Uniepoxy Polyamide Primer | Airless Spray | 6.7 m^2 / lit | 75 micron | 150 micron | Two | 6 | Epoxy Thinner | 4-6 |
| 2nd Coat Unithane | Unithane | Airless Spray | 4.6 m^2 / lit | 100 micron | 217 micron | Two | 4 | Unithane Thinner | 8 |

Notes :

- MSD Sheets are available on request or via Website www.unitedpaints.co.nz
- Confirm correct colours with project supervisor before application .
- Practical coverage is project and applicator dependant .
- This specification must be read in conjunction with the relevant data sheets and **supporting documentation** attached.
- Multiple coats may be needed to achieve DFT.