

PUR6 PAINT SPECIFICATION FOR STRUCTURAL STEEL .
UNITED PAINTS REF: EPOXYMASTIC, EPOXYGUARD & PSEUDOTHANE



System Ref: PUR6 – AS/NZS 2312.1:2014

PAINT SYSTEMS FOR STEEL

| Coating system details | | | | | | | | | | | | | Durability - Years to first maintenance | | | | | | |
|------------------------|----------------------------------|---------------------|----------|-----|------------|----------|-----|------------|----------|-----|------------|------------------|---|--------|--------|---------|---------------------------|-----------------------|-------------------|
| System designation | ISO 12944-5 designation (Note 1) | Surface preparation | 1st Coat | | | 2nd Coat | | | 3rd Coat | | | Total nom DFT µm | Atmospheric corrosivity category | | | | | | |
| | | | Type | PRN | Nom DFT µm | Type | PRN | Nom DFT µm | Type | PRN | Nom DFT µm | | C1 Very Low | C2 Low | C3 Med | C4 High | C5-I Very high industrial | C5-M Very high marine | T Inland Tropical |

POLYURETHANE – TWO PACK, SOLVENT BORNE

| | | | | | | | | | | | | | | | | | | | |
|------|--|------|--------------|-----|----|----------|-----|----|-----------------------|-----|----|-----|---|-------|-------|------|-----|-----|------|
| PUR6 | | St 3 | Epoxy Mastic | C32 | 75 | HB Epoxy | C13 | 75 | Polyurethane gloss HB | C15 | 75 | 225 | * | 15-25 | 10-15 | 5-10 | 2-5 | 2-5 | 5-15 |
|------|--|------|--------------|-----|----|----------|-----|----|-----------------------|-----|----|-----|---|-------|-------|------|-----|-----|------|

United Paints Product Specification: PUR6

Surface Preparation: All Steel will need to be prepped to an St 3 standard as per AS/NZS 2312.1:2014 Specification

| 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) |
|--|--------------|--------------------|--------------------------------------|----------------|----------------|-----------|--------------|---------------------|-----------------|
| PUR6: 1st Coat Epoxy mastic | Epoxy mastic | Airless Spray | 9.3 m ² / lit | 75 micron | 107micron | Two | 6 | Epoxy Thinner | 4 |
| 2nd Coat Epoxyguard | Epoxyguard | Airless Spray | 9.3 m ² / lit | 75 micron | 107 micron | Two | 4 | Epoxy Thinner | 10 |
| 3 rd Coat Pseudothane *SEE NOTE 5 | Pseudothane | Airless Spray | 6.1 m ² / lit | 75 micron | 163 micron | Two | 4 | Pseudothane Thinner | 6 |

this specification is subject to

*NZS/ AS 1627
 NZS/ AS 2312.1:2014
 AS 3894 – 3*

*Metal finishing , Preparation and Pretreatment of surfaces .
 Guide to protection of Iron and Steel .
 Determination of Dry film thickness .*

Notes:

- MSD Sheets are available on request or via our 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 documentation
- Muliple coats may be needed to achieve DFT.