

**ALK 4 PAINT SPECIFICATION FOR STRUCTURAL STEEL .**  
**UNITED PAINTS REF: UNIPRIME SHOP PRIMER & UNILUX TOPCOAT**



System Ref: ALK4 – AS/NZS 2312.1:2014

**PAINT SYSTEMS FOR STEEL**

| Coating system details |                     |              |     |                       |             |     |                       |          |     |                       |                             | Durability - Years to first maintenance |        |        |         |                           |                       |                   |
|------------------------|---------------------|--------------|-----|-----------------------|-------------|-----|-----------------------|----------|-----|-----------------------|-----------------------------|---|--------|--------|---------|---------------------------|-----------------------|-------------------|
| System designation     | Surface preparation | 1st Coat     |     |                       | 2nd Coat    |     |                       | 3rd Coat |     |                       | Total nom DFT $\mu\text{m}$ | Atmospheric corrosivity category        |        |        |         |                           |                       |                   |
|                        |                     | Type         | PRN | Nom DFT $\mu\text{m}$ | Type        | PRN | Nom DFT $\mu\text{m}$ | Type     | PRN | Nom DFT $\mu\text{m}$ |                             | C1 Very Low                             | C2 Low | C3 Med | C4 High | C5-I Very high industrial | C5-M Very high marine | T Inland Tropical |
| <b>ALKYD</b>           |                     |              |     |                       |             |     |                       |          |     |                       |                             |   |        |        |         |                           |                       |                   |
| ALK4                   | Sa 2 ½              | Alkyd primer | C05 | 75                    | Alkyd Gloss | C20 | 40                    | -        | -   | -                     | 115                         | 25+                                     | 10-25  | 5-10   | 2-5     | -                         | -                     | 2-5               |

**United Paints Product Specification: ALK3**

**Surface Preparation: All Steel will need to be prepped to an St 3 / Sa 2 standard as per AS/NZS 2312.1:2014 Specification**

| System   | Data Sheet           | Application Method | Theoretical Cover $\text{m}^2/\text{lt}$ | D.F.T. microns | M.F.T. microns | Pack Type | Pot Life Hrs | Reducer            | Recoat min (hr) |
|--|----------------------|--------------------|--|----------------|----------------|-----------|--------------|--------------------|-----------------|
| <u>ALK4:</u><br><b>1st Coat</b><br>Unprime Shop Primer | Uniprime Shop Primer | Airless Spray      | 6.9 $\text{m}^2 / \text{lit}$            | 75 micron min  | 144 micron min | Single    | N / A        | Commercial Thinner | 2               |
| <b>2nd Coat</b><br>Unilux Spraying Enamel              | Unilux               | Airless Spray      | 8 $\text{m}^2 / \text{lit}$              | 40 micron min  | 75 micron min  | Single    | N/A          | Commercial 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 Website [www.unitedpaints.co.nz](http://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.