

Sector: ACE

**539/9016**

Date of Issue: 02.04.2014

## Technical Data Sheet

### Traffic White RAL 9016 Two Pack Polyurethane Finish

High performance two pack polyurethane finish designed to meet the exacting requirements of the ACE market.

**Colour:** Traffic White RAL 9016  
**Gloss:** Minimum 85GU, 60° Head  
**Hardener:** with Hardener 045/7009

#### COMPOSITION DETAILS

**Binder:** Acrylic  
**Pigment:** Inorganic  
**Solvents:** Esters  
**Density:** 1,51 ±0.05kg/l Base  
 1,00 ±0.01 kg/l Hardener  
 1,34 ±0.05kg/l Mixed  
**Weight Solids:** 73 ±2% Base Component  
 50 ±2% Hardener  
 67 ±2% Mixed  
**Volume Solids:** 56 ±2% Base Component  
 43 ±2% Hardener  
 52 ±2% Mixed  
**VOC Content:** <420g/l  
**Mix Ratio:** 2 unit(s) 539/9016 to 1 unit(s) 045/7009 by Volume  
 100,0 unit(s) 539/9016 to 33 unit(s) 045/7009 by Weight  
**Pot Life:** < 4 Hours

#### RECOMMENDED APPLICATION DETAILS

**Dry Film Thickness:** 35 - 55 microns  
**Wet Film Thickness:** 68 - 106 microns (calculated)  
**Theoretical Coverage:** 12,9 m<sup>2</sup>/litre at 40 microns dry film (517 m<sup>2</sup>/litre at 1 micron dry). Assuming no loss.  
**Substrate:** Mild Steel  
**Surface Preparation:** Substrate should be primed with a suitable primer ie e-coat,2k polyurethane or 2k epoxy. The substrate before coating should be dry and free from all surface contamination such as grease,oil,dirt, rust etc.  
**Application Method:** Airmix  
**Application Viscosity:** RFU  
**Cleaning Solvent:** 400/0090

**CURING**

**Force Dry**   - Flash Off: 15 Minutes  
                  - Cure: 30 Minutes @ 80°C

Information relating to application parameters and curing schedules will vary from plant to

**Health & Safety Data:** Always follow any instructions on the containers and refer to the Product Safety Data Sheets before use. Safety data sheets are available from your local sales office.

**Storage Conditions:** The product should be stored out of direct sunlight and between temperatures of 0 and 30°C

**Shelf life:** 12 months in unopened containers

**Flash point:** 32°C ASTM D 93.

Product Reference: 539/9016

Date Of Issue: 21.10.2013