

Sector: ACE

**497/0549****with Hardener 045/7009****or 045/7003**

Date of Issue: 01.10.2014

## Technical Data Sheet

### Structured RAL 1013 Pearl White High Solids Two Pack Polyurethane Finish

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

**Colour:** RAL 1013 Pearl White  
**Gloss:** Minimum 90% 60 deg Head

#### COMPOSITION DETAILS

**Binder:** Acrylic  
**Pigment:** Inorganic  
**Solvents:** Esters  
**Density:** 1,48 ±0.05 kg/l Base  
1,00 ±0.02 kg/l Hardener  
1,32 ±0.05 kg/l Mixed  
**Weight Solids:** 72 ±2% Base Component  
50 ±2% Hardener  
66 ±2% Mixed  
**Volume Solids:** 53 ±2% Base Component  
43 ±2% Hardener  
50 ±2% Mixed  
**Supply Viscosity:** 40 - 45" F4 @ 20°C (blended)  
**VOC Content:** 420g/l  
**Mix Ratio:** 2 unit(s) 497/0549 to 1 unit(s) 045/7009 or 045/7003 by Volume  
100,0 unit(s) 497/0549 to 34 unit(s) 045/7009 or 045/7003 by Weight  
**Pot Life:** < 4 Hours

#### RECOMMENDED APPLICATION DETAILS

**Dry Film Thickness:** 35 - 55 microns  
**Wet Film Thickness:** 70 - 111 microns  
**Theoretical Coverage:** 12,4 m<sup>2</sup>/litre at 40 microns dry film (497 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: 10 Minutes  
                  - Cure: 30 Minutes @ 80°C

Information relating to application parameters and curing schedules will vary from plant to plant and for precise information relating to specific circumstances please contact your local

**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: 497/0549

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