

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/lit

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 m²/litre at 40 microns dry film (517 m²/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

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