Aalterpaint

TECHNICAL DATA SHEET

Acrydur Primer A29-75

Reference	A29-75
Description	Two-component polyurethane primer based on zinc phosphate for steel, iron and non-ferro substrates.
Recommended use	Anticorrosion primer to protect steel structures, iron and non-ferro substrates against corrosion. Good resistance against water, oils and light chemicals. Good adhesion on hot-dip galvanised steel, aluminium and certain plastics. Good mechanical properties and outdoor resistance.
Approvals	Approved by NMBS/SNCB, Belgium's national Railway company.
Composition	Aliphatic-Polyurethane-Zinc Phosphate
Support	Steel, hot-dip galvanisation provided the surfaces is prepared, aluminium and certain plastics.
Colour	White

TECHNICAL INFORMATION AT 20°C AND 60% RH

Density ± 1.40 kg/l

Drying time Drying time (50 µ dry)

Dust free	Tack free	Recoatable	
		Minimum	Maximum
1 hour	2 hours	6 hours	1 month

Mixing ration By weight: 92/8

Dry volume weight ± 55%

Theoretical coverage For 40µ dry: 13.8 m²/liter

VOC 425 g/liter

The values in this technical data sheet are typical values and can differ from batch to batch.

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RECOMMENDED USE

Recommended thickness

Application method	Roller/brush	Pneum. Gun	Airless
Dry (µ)	40-60	40-60	40-80

Thinner

Thinner 95	Roller/brush	Pneum. Gun	Airless
%	0-3	5-10	0-5

Cleaner Thinner 95

Temperature substrate +3°C above dew point

Relative humidity and temperature Maximum 85% RH
Minimum +5°C

Processing time 6 hours

SUBSTRATE

Preparation

Steel
Remove any grease and contaminants, preferably grit blast to Sa 2.5 and remove dust from the substrate.
Hot-dip galvanised
Remove zinc Salts with hard brush and water followed by light sweep blasting with a non-metallic blasting medium until mat surface or treatment with Galva-Wash Z105.
Aluminium
Remove any grease and contaminants. Lightly abrade the surface.
Plastics
Remove any grease and contaminants. Lightly abrade the surface. Check the adhesion on a test surface.
Old, sound, well-adhering paints
Remove contaminants, degrease and sand the surface. Always test compatibility of the old paint with the subsequent coat.

Maximum dry temperature 100°C

SAFETY DATE

Flash point °C Between 21°C and 55°C

Packaging 5kg and 20kg

See MSDS for further information.

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SHELF LIFE

Shelf life	24 months in original and sealed containers in a dry, covered storage space – temperature between 5 and 35 °C.

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