



Reference	A5456X
Description	Two-component high-build quick drying polyurethane high-gloss finish coat.
Recommended use	Quick drying glossy finish coat with good weather resistance, gloss and colour retention. Used in the chemical, petrochemical and steel industries. Good resistance to chemicals and excellent weather resistance. ACRYDUR HB FINISH A5456X is applied as finish coat in epoxy-polyurethane systems.
Composition	Aliphatic polyurethane based on acrylate resin, pigments, aromatic hydrocarbons.
Support	Steel treated with a suitable primer.
Colour	RAL colours

TECHNICAL INFORMATION AT 20°C AND 60% RH

Density ± 1.1 – 1.3 kg/l depending on the colour

Drying time

Drying time (50 µ dry)

Dust free	Tack free	Recoatable
		Minimum
45 min	2 hours	10 hours

Mixing ratio

By weight: 85/15

By volume: 86/14

Dry solids by volume

± 55%

Theoretical coverage

For 50µ dry: 11 m²/liter

VOC

440 g/liter

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

RECOMMENDED USE

Recommended thickness	Application method	Roller/brush	Pneum. Gun	Airless
	Dry (μ)	40-60	40-50	40-70
Thinner	Thinner 95	Roller/brush	Pneum. Gun	Airless
	%	0-3	10-15	0-5
Cleaner	Thinner 95			
Temperature substrate	+3°C above dew point			
Relative humidity and temperature	Maximum 85% RH Minimum +5°C			
Processing time	3 hours			

SUBSTRATE

Suitable primer	Apecoat primer E81, Apecoat Primer HS E85, Apecoat MIO E93, Apecoat MIO HS E95
Preparation	Primer Remove any grease and contaminants. Old, sound, well-adhering paints Remove contaminants, degrease and sand the surface. Remove any rust to St3 and touch up with a suitable primer. Always test compatibility of the old paint with the subsequent coat.
Maximum dry temperature	120°C

SYSTEM: EXAMPLE

1 ^e coat	Apecoat Primer E81	80 μ
2 ^e coat	Apecoat HB Mio E93	120 μ
3 ^e coat	Acrydur HB finish A5456X	60 μ

SAFETY DATA

Flash point °C	Between 21°C and 55°C
Packaging	5 litres and 20 litres

See MSDS for further information.

SHELF LIFE

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

The information contained in this technical data sheet was obtained from sources, which are reliable to the best of our knowledge can in no case imply our liability.
Please ensure that you have the latest version of the Technical data sheet.

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