

Product information Andrepol Topcoat P18

General

Andrepol Topcoat P18 is a pre-accelerated unsaturated polyester resin topcoat based on isophthalic acid and neopentyl glycol. It is available both sprayable and brushable. The topcoat has excellent chemical resistance, high heat resistance and high elongation at break. It is used in chemical tank construction, electroplating tanks, swimming pools, tank construction, etc.

The topcoat corresponds to resin group 3 according to DIN 18820.

Chemical and physical properties :

	Value	Unit	Method
Acid value	18 maxmg	KOH/g	ASTM D 1639
Appearance	colourless or coloured		
Stability at 65°C	6	days	SIR 10242
Gel time at 25°C	100 g resin		
	1.5 g MEKP 50%	10-20	min
			ASTM D 2471
Consumption	500-700g/m²		

Spec. properties of the topcoat

	Value	Unit	Method
Barcol hardness	45		ASTM D 1706
Flexural strength	100	MPa	DIN 53452
E-modulus	3500	MPa	DIN 53452
Tensile strength	75	MPa	DIN 53455/ EN 61
E-modulus	3700	MPa	DIN 53455/ EN 61
Elongation at break	3	%	DIN 53455/ EN 61
HDT	100	°C	ISO 75A

Packing

The product is available in tin packaging of 1; 5; 10; 30 kg, in 225 kg drums and 1000 kg container delivered.

Storage and shelf life

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The product must be stored in a cool, dark place, free from iron and copper salts as well as organic and inorganic peroxides, and dry, sealed in its original packaging.
When stored in this way, the resin will keep for at least 6 months.

Security

the product is highly flammable and harmful to health. For further information, please refer to the safety data sheet.