



- product name : RAPIDPOL RP

Product is compliant with directive 2004/42/EC			
	building		car refinish
	see note 1		see note 2
	2004/42		2004/42
	IIAi(500)500		IIAj(500)500

- general features

Industrial enamel based on synthetic urethane resins, thanks to its special formulation it can be used both as a 1k and 2k top coat,
Excellent drying
Good elasticity and weathering resistance.
Excellent gloss.
Good water resistance.

- use

It is suitable for painting industrial equipment and machinery: agricultural machines, earthmoving machines, cranes, etc., where good outdoor resistance and fast processing combined with a high-quality aesthetic effect are required. If used as 2K, it guarantees excellent durability even in the most severe exposure conditions.

- painting cycles

Apply one or two coats of RAPIDPOL RP enamel on primer or anti-rust (nitro-resistant) respecting the overcoating times.

If used as a 1k, it is not recommended to exceed dry film thicknesses (DFT) above 100 µm

- application method and thinning

used as 1k

spray : 15 - 20% with X 2

airless : 10 - 15% with X2

used as 2k

spray : 5 - 10% with X 2

airless : 0-5 % with X2

- technical and supply data

specific weight : min. 1.170 g/l - max. 1.300 g/l

solid content : by weight = min. 57,0 % - max. 65,0 %

by volume = min. 43,0 % - max. 49,0 %

legenda pittogramma

2004/42	Reference to EC Directive
II...	Annex, Table and Sub-category of product
000	Limit value of VOC with reference to the product sub-category
000	Maximum VOC content in product ready for use

note 1: 5% thinning with X2 - use pre-heater

note 2 : 5% thinning with X2 - hardener: QA 2066

film aspect : glossy 90-95 gloss

on stock : IC194 -IC313-IC198-RAL 1003-1013-2002
RAL 2004-3020-6005-7021-8017-9003-9005-9006

kind of product : 1k and 2k

used as 2k

catalysis ratio :	by wgh
RAPIDPOL RP	100
QA : 2028 ST - 2009 FAST - 2029 SLOW	25
RAPIDPOL RP	100
QA 2066	20

pot-life at 25 °C. 4-5 hours

dry film thickness : 40 - 50 micron

theor. coverage :

used as 1k = min. 9,0 m²/l - max. 12,5 m²/l

used as 2k = min. 8,0 m²/l - max. 12,0 m²/l

drying at 25 °C. :

used as 1k
dust free : 10 minutes
touch free : 60 - 70 minutes
depth : 9 - 10 hours
polymerised : about 7 days

used as 2k
dust free : 15-20 minutes
touch free : 3-4 hours
depth : 18-20 hours
polymerised : about 7 days

baking : 50 minutes at 60 °C

temperature resistance : 80 °C

overcoating time :

used as 1k min. : after 7 days
max. : within 20 days

used as 2k min. : after 1 hour
max. : within 6-8 hours

shelf life : 24 months at + 5/35 °C

Since it is a product based on drying oils, residues that settle in filters and cloths soaked in the product can cause spontaneous combustion; it is therefore necessary to wet them with water and store them in watertight containers until actual disposal.

The information given in this technical data sheet is based on present scientific and technical knowledge and thus does not exempt the customer from testing the suitability of our products for their intended purposes.