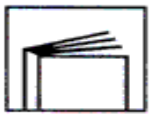
technical data sheet

revision date : 30/07/2020

- product name : ACRIMAX APO

Product is compliant with directive 2004/42/EC

car refinish
see note 1
2004/42
IIBd(420)420



pictogram legend

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

IT CAN BE PRODUCED IN TINTING SYSTEM :

VAP BINDER	**70**	**coloured**	**65**	**whites**
BPN	**30**		**35**	

note 1: 5% thinning with X36 - catalyse with QA 2066

- general features

Two-component matt topcoat based on modified acrylic resins.
Excellent resistance to weather, stability at light and long-lasting colour retention.
Easy application and good scratch and rubbing resistance.
No staining and matt gloss uniformity.

- use

Because of the characteristics of the raw materials used, this product is recommended for high-quality painting mostly in the industrial car refinish sector and steel work in general, where a matt effect is required.

- painting cycles

Apply one or two coats of ACRIMAX APO on epoxy, epoxy vinyl, polyacrylic intermediate coats or primers, complying with the overcoating time and taking pot-life into account.
During application and polymerisation, it is advisable to work with temperatures not lower than + 15°C and relative humidity not higher than 85%, with a temperature of the structure at least 3°C above dew point, in order to prevent matting or incomplete drying.

- application and thinning method

spray : 5 - 10% with X 36 (acrylic)
airless : 0 - 5% with X 36 (acrylic)

- technical and supply data

specific weight min. 1.050 g/l - max. 1.250 g/l

solid content : **by weight = min.** 58,0 % **max.** 68,0 %
by volume = min. 51,0 % **max.** 57,0 %

film appearance : matt, 20 - 25 gloss

colour : on demand

product type : two-component

catalysis ratio :

	by wgt	by volume
APO	100	refer to our technical office
QA: 2028 ST - 2009 FAST - 2029 SLOW	35	
APO	100	refer to our technical office
QA 2066 UHS	25	

pot-life at 25°C : 3 hours

dry film thickness : 40/50 micron

theor. coverage : min. 10,0 m²/l - max. 13,5 m²/l

drying at 25°C : **dust free** : 10 - 20 minutes
touch free : 2 - 4 hours
depth : 14 - 16 hours
polymerise : about 7 days

baking : flash off time : 20 minutes
stoving : 40 minutes at 60 - 70°C

overcoating time : min. 30' - max. 6 hours

temperature resistance: b) cycle 90°C

shelf life : 24 months at + 5/35°C.

EP vernici s.r.l. Via Roma,12 I-48027 Solarolo (RA) tel.+39 0546 53322 fax +39 0546 53323 email: laboratorio@epvernici.it www.epvernici.it

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- recommended cycles

a)	**3-product cycle on ferrous structures**		
	pre-treatment	:	sandblasting grade **SA 2,5 - 3**
	one coat of	:	**ZINCLAX PA 2** thickness 60/70 µ
	one coat of	:	**EPOVIN UV** thickness 80/100 µ
	one or two coats of	:	**ACRIMAX APO** thickness 40/50 µ
b)	**2-product cycle on ferrous structures**		
	pre-treatment	:	sandblasting grade **SA 2 - 2,5**
	one coat of	:	**EPOZINC PZM** thickness 70/80 µ
	one or two coats of	:	**ACRIMAX APO** thickness 40/50 µ
c)	**2-product cycle on zinc plated surfaces**		
	pre-treatment	:	degreasing or light sanding
	one coat of	:	**EPOZINC PZM + Q 120** thickness 20/30 µ
	one or two coats of	:	**ACRIMAX APO** thickness 40/50 µ

- tests carried out :

aging resistance pursuant to ASTM G 53 – 77 standard	
	duration of exposure = **500 hours**
cycle a)	no loss of tint or shine
cycle b)	no loss of tint or shine