


**- product name :** EPRON EN

<b>Product is compliant with directive 2004/42/EC</b>	
	building sector <a href="#">see note 1</a> 2004/42 IIAi(500)480

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**

**VEN BINDER**            80  
**BPN**                        20

**- general features**

Acrylic-polyurethane base coat/finishing coat, with low environmental impact anticorrosive pigments, with high thickness (100 µm per coat). Fast drying, excellent anti-corrosion property, excellent weather resistance. It is suitable for application on pre-treated structures such as: iron and zinc plated sheets (treatment with mechanical devices, sanding or degreasing)

**- use**

As anti-corrosive adhesion primer on sanded metallic structures wherever high thickness, high corrosion resistance and high weather resistance are requested. It is suitable in industrial and marine atmospheres.

As a gloss finishing coat, apply two coats to achieve a gloss finish with gloss 75-85.

**- recommended cycles**

Complying with overcoating times and taking pot-life into account, apply:

- One or two coats of EPRON EN as finish on epoxy, epoxy-vinyl, polyacrylic etc. primers.
- One or more coats of EPRON EN directly on pre-treated structures.

During application and polymerisation, the temperature must not go below 15°C and relative humidity must not be higher than 85%, and the structure must be at least 3°C above dew point in order to prevent blooming, matting and - if applied directly - also rust.

**- application and thinning method**

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

**- technical and supply data**

**specific weight** : min. : 1.450 g/l - max. : 1.640 g/l

**note 1: 0% thinning - catalyse with QA 2028**  
**10% thinning - catalyse with QA 2066**

**solid content** : by weight : min. 66,0 % - max. 72,0 %  
by volume : min. 54,0 % - max. 61,0 %

**film appearance** : gloss 75 - 85 gloss

**colour** : on demand all the dyes of the "EUROMIX" system

**product type** : two-component

<b>catalysis ratio :</b>	<b>by wgt</b>	<b>by volume</b>
EN	100	100
QA 2028	40	refer to our technical office
EN	100	100
QA 2066	25	refer to our technical office

**pot-life at 25°C** : 2 hours

<b>dry film thickness :</b>	QA 2028	at 40%	65-70 µm per coat
	QA 2066	at 25%	100 µm per coat

**theoretical coverage** : min 6,0 m<sup>2</sup>/l- max. m<sup>2</sup>/l  
min 5,0 m<sup>2</sup>/l- max. m<sup>2</sup>/l

**drying at 25°C :**


**dust free** : 10 - 20'  
**touch free** : 60 - 80'  
**depth** : 4 - 5 hours  
**polymerised** : about 7 days

**baking** : 1 h at 80°C

**overcoating time :**

**min.** 30 - 60 minutes - **max.** within 4 - 5 hours

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<b>pictogram legend</b>	
<b>2004/42</b>	Reference to EC Directive
<b>IIBe</b>	Annex, Table and Sub-category of product
<b>(840)</b>	Limit value of VOC with reference to the product sub-category
<b>550</b>	Maximum VOC content in product ready for use

**temperature resistance :** 90 °C

**note 1: 0% thinning - catalyse with QA 2028**  
**10% thinning - catalyse with QA 2066**

**shelf life:** 24 months at + 5/35 °C

**- recommended cycles**

**1-product cycle on ferrous structures in anti-corrosion**

<b>1' pre-treatment</b>	: sandblasting grade <b>SA 2<sup>1/2</sup> - 3</b>
<b>2' one coat of</b>	: <b>EPRON EN (80-100 µm)</b>
<b>3' one coat of</b>	: <b>EPRON EN (80-100 µm)</b>

**2-product cycle on ferrous structures in anti-corrosion**

<b>1' pre-treatment</b>	: sandblasting grade SA 2 1/2 - 3
<b>2' one coat of</b>	: <b>EPRON EN (80-100 µm)</b>
<b>3' one coat of</b>	: <b>ISOPOL Z (40/50 µm)</b>

**3 1-product cycle on zinc plated surfaces**

<b>1' pre-treatment</b>	: light sanding or pickling with suitable aggressive solutions
<b>2' one coat of</b>	: <b>EPRON EN (50-70 µm) 75-85 gloss</b>

**tests carried out :**

<b>Cycle 1: Complies with ISO 12944 C-4 M</b>	
Test performed at the external laboratory in July 2017	