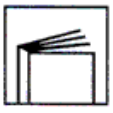
*technical data sheet*

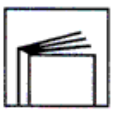
**revision date : 30/07/2020**

## - product name : EPOZINC PZ

**Product is compliant with directive 2004/42/EC**



car refinish
see note 1
2004/42
IIBc(540)480



building sector
see note 1
2004/42
IIAi(500)480

**pictogram legend**

| | |
|---|---|
| 2004/42 | Reference to EC Directive |
| IIBe | 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 :**

| | |
|---|---|
| **VPZ BINDER** | **90** |
| **BPN** | **10** |

**note 1: 10% thinning with X 5 - catalyse with Q 118**

## - general features

Two-component epoxy-polyamide anti-rust product based on atoxic anti-corrosive pigments, low environmental impact, Good thickness of layer.
Good weathering resistance.
Excellent adhesion on iron, zinc plated sheet and light alloys in general. Excellent anti-corrosion property.

## - use

It is suitable for industrial atmosphere with medium chemical aggression. After pre-treatment with mechanical devices or sanding it is an anti-rust product suitable for anti-corrosion cycles on iron, zinc plated sheets, aluminium and light alloys. For application on light alloys and on zinc plated sheets use hardener Q120N.

## - recommended cycles

Apply one or more coats of EPOZINC PZ on pre-treated structure before final application of epoxy, polyurethane or acrylic enamels, in compliance with overcoating times. 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. Using Q110, the product can be applied at temperatures

## - tests carried out :

| |
|---|
| salt spray test according to **ISO 9227** |
| **duration of exposure = 240 h** |
| no blistering and/or corrosion. |

## - application and thinning method

| | primer(70-80µm) | adhesion base coat on zinc and alloys (20-30µm) |
|---|---|---|
| **spray :** | 15–20% with X 5 (epoxy) | 20 – 25% with X 5 (epoxy) |
| **airless :** | 7–10% with X 5 (epoxy) | 10 – 15% with X 5 (epoxy) |

## - technical and supply data

**specific weight :** min. : 1,690 g/l - max. : 1,810 g/l

**solid content :** by weight . min. 77,0 % - max. 81,0 %
by volume : min. 56,0 % - max. 63,0 %

**film appearance :** matt

**colour :** on demand
**avbl on stock** white/PZR 82 - RAL 7035/PZ 349 - yellow/PZ 1707
see below the specific supply details

**product type:** Two-component

| **catalysis ratio :** | by wgt | by volume |
|---|---|---|
| PZ<br>Q118 or Q110(winter from +5°C | 100<br>20 | refer to our technical office |
| PZ<br>Q120N for light alloys | 100<br>20 | refer to our technical office |
| PZ<br>Q107 high chem. resist. | 100<br>20 | refer to our technical office |

**pot-life at 25°C :** 6 hours

| **typical thkns :** | |
|---|---|
| 70-90 microns | as primer |
| 20-30 microns | as adhesion primer on zinc pl.sheet, aluminium, light alloys |

**theoretical coverage :** min. 6 m²/l - max. 7,4 m²/l

**drying at 25°C :**
dust free : 15 - 20 minutes
touch free : 60 - 80 minutes
depth : 4 - 5 hours
polymerised : about 7 days

**baking :** 40 minutes at 60 - 70°C

**overcoating time :**
min. 1 hour - max. 24 - 48 hours

**temperature resistance:** 90°C

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

| | specific weight | solid content weight | solid content volume | theor. coverage |
|---|---|---|---|---|
| **PZR82** | 1830±20 g/l | 83,7 | 66,8 | 6,6 - 8,4 m²/l |
| **PZ349** | 1700±20 g/l | 83,5 | 67,0 | 6,6 - 8,5 m²/l |
| **PZ1707** | 1700±20 g/l | 83,0 | 66,1 | 6,5 - 8,4 m²/l |



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