


- product name : POLIFAST ZP

| | |
|----------------------------------------------------------------------------------|-------------------------------------------------------|
|  | Product is compliant with directive 2004/42/EC |
| | building sector |
| | see note 1 |
| | 2004/42 IIAj(500)500 |

| 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 :

VZP BINDER 70 colored white shades see VZP 82 at page 2

BPN 30

- general features

Two-component ANTI-SCRATCH polyurethane enamel based on modified polyester resins with high gloss, excellent spreading, hardness as well as excellent resistance to scratches and water.

- use

POLIFAST ZP enamels, because of their polyurethane nature, are suitable as anti-corrosive for high-quality painting mostly in the industrial sector and steel work in general.

- painting cycles

Apply one or two coats of POLIFAST ZP on epoxy, epoxy vinyl and acrylic-polyurethane primers and intermediate coats, in compliance with overcoating times. During application and polymerisation, it is advisable to work with a room 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 blooming and matting.

cycle 1 : on ferrous structures in anti-corrosion

| | | | |
|---|---------------------|---|---------------------------------|
| 1 | pre-treatment | : | sanding grade SA 2½ - 3 |
| 2 | one coat of | : | ZINCLAX PA 2 60/70 µm thickness |
| 3 | one coat of | : | EPOVIN UV .80/100 µm thickness |
| 4 | one or two coats of | : | ISOPOL ZP 40/50 µm thickness |

cycle 2 : on ferrous structures in anti-corrosion

| | | | |
|---|---------------------|---|-------------------------------|
| 1 | pre-treatment | : | sanding grade SA 2 - 2½ |
| 2 | one coat of | : | EPOZINC PZM 70/80 µ thickness |
| 3 | one or two coats of | : | ISOPOL ZP 40/50 µm thickness |

cycle 3 - on zinc plated structures

| | | | |
|---|---------------------|---|--------------------------------------------------------------|
| 1 | pre-treatment | : | light sanding or pickling with suitable aggressive solutions |
| 2 | one coat of | : | EPOZINC PZM + Q 120 20/30µm thickness |
| 3 | one or two coats of | : | ISOPOL ZP 40/50 µm thickness |

weathering resistance according to ASTM G 53 – 77

duration of exposure = 350 hours

| | |
|----------|--------------------------|
| cycle 1) | no loss of tint or shine |
| cycle 2) | no loss of tint or shine |

- application and thinning method

spray : 5 - 10% with X 4 (polyurethane)
airless : 0 - 5% with X 4 (polyurethane)

note 1: 0% thinning - catalysis with QA 2047

- technical and supply data

specific gravity : min. 1.030 g/l - max. 1.200 g/l

solid content : by weight = min. 53,5 % - max. 64,0 %
by volume = min. 46,3 % - max. 52,5 %

film appearance: glossy 98 gloss

color : on demand

product type : two-component

| catalysis ratio: | by weight | | by volume | |
|------------------|-----------|------------------|--------------|------------------|
| | ZP | 100 | refer to our | 100 |
| QA 2047 FAST | 50 | technical office | 50 | technical office |
| ZP | 100 | refer to our | 100 | refer to our |
| QA 2180 ST | 50 | technical office | 50 | technical office |

pot-life at 25°C. 3 hours

dry film thickness 40 - 50 micron

theor.coverage min. 9,0 m²/l - max. 11,0 m²/l

drying at 25°C. : dust free : 10 - 20 minutes
touch free : 2 - 4 hours
depth : 16 - 18 hours
polymerized : about 7 days

baking : 1 hour at 60 °C


heat resistance 100 °C

overcoating time

min. : after 30 minutes - max. : within 4 hours

shelf life : 24 months at + 5/35°C

- product name : POLIFAST ZP 82

| | |
|----------------------------------------------------------------------------------|----------------------------------------------------------|
| Product is compliant with directive 2004/42/EC | |
|  | building sector see note 1 2004/42 IIAj(500)500 |

| | |
|-------------------------|---------------------------------------------------------------|
| 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 :

VZP 82 BINDER **100 white colors and derivatives**
BPN **see customized formulas**

- general features

Two-component ANTI-SCRATCH polyurethane enamel based on modified polyester resins with high gloss, excellent spreading, hardness as well as excellent resistance to scratches and water.

- use

POLIFAST ZP 82 enamels, because of their polyurethane nature, are suitable as anti-corrosive for high-quality painting mostly in the industrial sector and steel work in general.

- painting cycles

Apply one or two coats of POLIFAST ZP 82 on epoxy, epoxy vinyl and acrylic-polyurethane primers and intermediate coats, in compliance with overcoating times. During application and polymerisation, it is advisable to work with a room 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 blooming and matting.

cycle 1 : on ferrous structures in anti-corrosion

| | | | |
|---|---------------------|---|---------------------------------|
| 1 | pre-treatment | : | sanding grade SA 2½ - 3 |
| 2 | one coat of | : | ZINCLAX PA 2 60/70 µm thickness |
| 3 | one coat of | : | EPOVIN UV .80/100 µm thickness |
| 4 | one or two coats of | : | ISOPOL ZP 82 40/50 µm thickness |

cycle 2 : on ferrous structures in anti-corrosion

| | | | |
|---|---------------------|---|---------------------------------|
| 1 | pre-treatment | : | sanding grade SA 2 - 2½ |
| 2 | one coat of | : | EPOZINC PZM 70/80 µ thickness |
| 3 | one or two coats of | : | ISOPOL ZP 82 40/50 µm thickness |

cycle 3 - on zinc plated structures

| | | | |
|---|---------------------|---|--------------------------------------------------------------|
| 1 | pre-treatment | : | light sanding or pickling with suitable aggressive solutions |
| 2 | one coat of | : | EPOZINC PZM + Q 120 20/30µm thickness |
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weathering resistance according to ASTM G 53 – 77

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- application and thinning method

spray : 5 - 10% with X 4 (polyurethane)
airless : 0 - 5% with X 4 (polyurethane)

note 1: 0% thinning - catalysis with QA 2047

- technical and supply data

specific gravity : min. 1.300 g/l - max. 1.350 g/l

solid content : **by weight** = min. 70,0 % - max. 71,0 %
by volume = min. 56,0 % - max. 60,0 %

film appearance: glossy 98 gloss

color : on demand

product type : two-component

| catalysis ratio: | by weight | | by volume | |
|-------------------------|------------------|-----|------------------|------------------|
| | ZP 82 | 100 | 50 | refer to our |
| QA 2047 FAST | 50 | | | |
| ZP 82 | 100 | 50 | refer to our | technical office |
| QA 2180 ST | 50 | | | |

pot-life at 25°C. 3 hours

dry film thickness 40 - 50 micron

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