10. Verf / color 'Test Report: 01-11-2018'

Description
FEROPOKS ZP MIOX is a two component primer based on epoxy resin and polyamide cured agent with zinc phosphate and micaceous iron oxide as anti-corrosive pigments, with which provides large thickness.

Recommended use
It is used as a basic coating in epoxy system, due to its good adherence to mechanically cleaned or sandblasted steel constructions.

TECHNICAL DATA	
Type of binder	Epoxy resins
Density	1.50-1.60 g /cm³ Solid matter – % by volume: 54-56% Solid matter – % by weight: 75-77%
Coverage	4.0-4.4 m²/kg for 80 µm
Theoretical consumption	0.225-0.250 kg/m² to 80 µm
Dry film optimal thickness	80-100 µm
Drying	air (temp. 20±2ºC, relative humidity max. 65±5 %)
Dry to dust, touch	2-3 h; 5-6 h
Interlayer interval	min 8h, max 30d.
Viscosity at delivery	80-90 KU 25°C ASTM D 562
Application temperature	from +10 ºC to +35 ºC
Surface temperature	min. 3 ºC above dew point.
Pot life of the catalyzed product	8 h. Catalyst: Hardener for Feropoks
VOC	Maximum permitted concentration for this type of product (A/j-SB) 500g/l(2010). This product has max 380 g/l.
Note	All this information has given to an normal temperature (20 °C),and normal humidity(max 70%). At lower temperatures, drying time becams longer and full hardness of the paint.
Dry film properties	Equal thickness without any wrinkles and flaws, medium gloss.
Packaging	Basic component: 21.25 kg, Catalyst: 3.75 kg.
Storage	Separate components, 12 months under normal storage conditions.
Thinner	5610 Packing: 5, 20 liters.

Colour nuances
Oxide-red, grey.

Surface preparation
SRPS ISO 8501-1 St3 / Sa 2 ½

Application methods
Components mix ratio: wt 85:15
Conversion rate: wet / dry film: 1.82
APPLICATION: brush, roller and airless device, nozzle diameter 0.019" to 0.021", the output pressure of 200-250 atm.
DILUTION: pneumatic sprayer, brush, roller - max 5%; airless device without dilution.

Safety measures
Containers are provided with safety labels, which should be observed. Further information about hazardous influences and protection are detailed in individual health and safety data sheets. A health and safety data sheet is available on request from Tikukurila.

ZORKACOLOR

Description
SUPERVEREX HB is a two component polyurethane very solid, semi-gloss and elastic varnish that does not yellow.

Recommended use
Because of its strength, resistance to ultraviolet rays, weathering, corrosion agents and excellent resistance to abrasion, SUPERVEREX HB is used as a topcoat in the industry.

TECHNICAL DATA	
Type of binder	Acrylates resins cross-linked by polyisocyanate
Density	1,45-1,50 g /cm³ Solid matter – % by volume: 51-53% Solid matter – % by weight: 71-73%
Coverage	5 m²/kg for 60 µm
Theoretical consumption	0.200 kg/m² for 60 µm
Optimal thickness of dry film	40-80 µm
Drying	air (temp. 20±2ºC, relative humidity max. 65±5 %)
Dry to dust, touch	1-2 h, 2-4 h
Interlayer interval	min 4h, max 7 d.
Viscosity at delivery	75-90"D4/20 ºC DIN 53211
Application temperature	from +10 ºC to +35 ºC
Surface temperature	min. 3 ºC above dew point.
Pot life of the catalysed product	6-8 h. Catalyst: Hardener for Superverex HB
VOC	Maximum permitted concentration for this type of product (A/j-SB) 500g/l(2010). This product has max 420 g/l.
Dry film properties	equal thickness without any wrinkles, high gloss
Packaging	Basic component: 18 kg,Catalyst: 2 kg.
Storage	Separate components, 12 months under normal storage conditions.
Thinner	5470 Packing: 5, 20 litres.

Colour nuances
All nuances according to our and RAL colour card.

Surface preparation
It is applied over basic and intermediate coatings from the EPOXY system.

Application methods
Components mix ratio: 90:10
Conversion rate: wet / dry film: 1.92
APPLICATION: brush, roller and airless device, nozzle diameter 0.015" to 0.017", the output pressure of 100-130 atm.
DILUTION: brush, roller - max 5%; airless device – max 5%;sprayer - max.15%

Safety measures
Containers are provided with safety labels, which should be observed. Further information about hazardous influences and protection are detailed in individual health and safety data sheets. A health and safety data sheet is available on request from Tikukurila.

01 - 11 - 2018