

IMPOX

(High Build Epoxy resin)

<Product Information>

Description: **IMPOX** is a high build epoxy resin product that comes in a wide variety of finishes. **IMPOX** has a high performance on floor, walls and steel structures. **IMPOX** is recommended for new and old floors, subjected to high mechanical stress as parking areas, garages and industrial spaces. Also **IMPOX** is known for its high chemical resistance in all its forms, adhesion as well as hardness, toughness and flexibility.

<u>Physical constants</u>	Color:	All RAL
	Density:	1.35kg/l.
	Viscosity:	120 KUS.
	Binder:	Epoxy resin
	PVC:	55%
	Solid contents:	87%
	Flash point:	25 C
	Dry film thickness/2coats	300 microns

Abrasion strength Very good- wear down of 56 mg according to Taber Abrasion

Tear Resistance: 54kg/cm

Chemical resistance: IMPOX is resistant against numerous chemical products, such as mineral oils, fuels, diluted acids solution, bases and salts, as well as some solvents.

Application:

Mixing ratio: One gallon of hardener to four gallons of epoxy paint (wait 20 min after mixing)

Application:	Brush or airless gun
Thinner:	No thinning is required
Coverage:	About 25-30 m ² per gallon.
Drying time:	Half an hour touch dry.
Re-coat interval:	24 hours in general
Pot life:	8 hours after mixing

Application Standards:

ASTM C 881/ C 881M
Abrasion resistance (system) ASTM C 501

Surface preparation:

Area to be treated must be cleaned or washed with acid. It should be free from dirt, oil and grease. It is not recommended to prime those prepared surfaces. **IMPOX** is a self primed product

Precaution of safety:

Labeling is required with accordance with the German federal regulation of dangerous substance.

R-phrases:

10 Flammable
20 Harmful by inhalation

36/37/38 Irritating to eyes and respiratory systems and skin.

42 may cause sensitization by inhalation

S-phrases:

7/8 Keep container tightly closed and dry
26 In case with contacts with eyes, rinse immediately with plenty of water.

38 In case of insufficient ventilation wear suitable respiratory equipment.

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