INNO-AC88

CLEAR POLYURETHANE HIGH CHEMICAL RESISTANT

Description

Highly reactive hydroxylated acrylic dispersion, extremely hydrophobic, appropriately formulated to obtain a stable product suitable for the coating of industrial floors and metals where excellent chemical resistance is required.

TECHNICAL SPECIFICATIONS:

- Special industrial floors that require high chemical resistance
- VOC-free
- Superior resistance to hot tires
- Easy surface cleaning
- High hardness coating

Chemical-physical technical characteristics (liquid product)

Ratio (by weight)	100:20
Theoretical spreading rate	about 150 gr/mq
OH value	156mg KOH/g
Hardness (fully cured)	93 Shore-A
Viscosity (20 °c)	c.a. 900 mPas
Solid Content	37-39%
Pot Life	About 35 min. (25Kg a 20°c)
Chemical resistence (acid)	about 90 min (continued contact)

Chemical resistance characteristics *

Test Chemicals	Test Duration	Test Results***
Ethanol (48%)	1h	5
NH4OH (10%)	1h	5
Water (deion.)	10d	5
Coffee (4%)	16h	4
Tea (1%)	16h	4
Red wine	5h	4
Cola	16h	5
Na2CO3 (10%)	2min	5
Fatty acid	24h	5
Fatty acid	10d	5
Break fluid (DOT 4)	24h	5
Break fluid (DOT 4)	10d	4
„Skydrol“	24h	5

***** 5 = Best / 0 = wrost**

*tested according to EN 12720

** Stored in the original container, sealed, undamaged, in a dry place and with a temperature between 10 ° c and 25 ° c.

SURFACE PREPARATION:

To secure lasting adhesion to the subsequent product all surfaces shall be clean, dry and free from any contamination..

Apply the product dosing the catalyst appropriately, apply medium-short hair roller

The surface must be primed with a suitable epoxy primer to ensure maximum adhesion.

Laitance deposits are best removed by Planetary diamond disc grinder or by captive blasting followed by vacuum cleaning to remove dust debris. For old concrete, technical team should visit the site and appropriate surface preparation methodology should be recommended and that is to be followed.substrate should be atleast 28 days old and have moisture content not exceeding 5% and leave a clean, sound and stable base.
The preffered method of abrading the substrate is dust free captive blasting or diamond grinding.To fill any blow holesor undulations in the substrate “Innolite” or “Polirex CR” may be used.

APPLICATION METHODS:

The product can be applied by
Spray: Use airless spray or conventional spray. Nozzle tip (inch/1000): Pressure at nozzle (minimum): Guiding data for airless spray 13 – 17 150 bar / 2100 psi
Brush: recommended for stripe coating and small areas. Care must be taken to achieve the specified dry film thickness.
Roller: may be used. Care must be taken to achieve the specified dry film thickness.

Drying and curing time

Substrate temperature	25°C
Surface (touch) dry*	4 Hr
Walk-on-dry	18 Hr
Dry to over coat, minimum	24 Hr
Dry to over coat, maximum	1 day
Dried/cured for service	5 days (25°C) 3 days (35 °C)
Full dried/cured	7 days (25°C) 5 days (35 °C)

*Surface (touch) dry: The state of drying when slight pressure with a finger does not leave an imprint or reveal tackiness

Note

For best results:
Use at temperatures between 10 °C and 28 °C
Do not dilute.

Dispose of the packages following the local regulations in force.
The information contained in this leaflet is based on laboratory data and our experience. Time and rheological properties may change due to the reactive nature of the material.
We believe this information is reliable, but we can not guarantee its applicability in the process. We refuse any responsibility for events that may result from improper use of the product.
By accepting the products described herein, the user accepts responsibility for accurately verifying any application before starting production.
Our advice should not be considered encouraging to violate any patent, law, security code or insurance regulation.

*tested according to EN 12720