Product data sheet

REVONFLOOR PN : RV 360 CRC

Epoxy Novolac Finish

PRODUCT DESCRIPTION Solvent – free, two pack epoxy-Novolac-based coating

RECOMMENDED USE Topcoat for concrete floor in chemical, pharmaceutical, food or other industries.

CHARACTERISTICS

- Good abrasion resistance.
- Excellent impact resistance.
- Tough, smooth non porous surfaces.
- Heat resistance up to 100^0C
- gloss and easy to clean.
- Good immersion resistant to water, fuel and a wide range of chemicals.
- Excellent Chemical resistance in pH ranging from 1-14 at 25°C

PHYSICAL DATA

Colour	grey, ivory
Gloss Level	Gloss
Volume Solid	100%
Dry Film Thickness	0.5 – 1.0 mm
Number of Coat	1
Theoretical Coverage	1.00 sq.m/ℓ for 1 mm
Mixing Ratio	Base : Hardener = 4 : 1
Thinner	Not required
Pack Size	20 Kgs
Shelf Life	12 months
Pot Life	10 minutes
Temperature Resistance	93^0C (dry)
Flash Point	Base : 25^0C Hardener : 48^0C

Drying Time

Substrate Temperature	Touch dry	Hard dry	To TOP Coat	
			Minimum	Maximum
25 ^{0}C	2 – 3 hours	16 hours	7 hours	1 month
32 ^{0}C	1 – 2 hours	12 hours	4 hours	1 month
Full cure	7 days			

TABLE 5: SPILLAGE RESISTANCE FOR REVONFLOOR PN RV: 360 CRC

% WEIGHT CHANGE AND SHORE D HARDNESS AS A FUNCTION OF TIME

REAGENT	Initial	After 3 hr		After 24 hr		After 3 days		After 7 days		After 28 days		After 90 days	
	Hard.	% wt.	Hard	% wt.	Hard	% wt.	Hard	% wt.	Hard	% wt.	Hard	% wt.	Hard
10% Acetic Acid	78	0.64	77	1.47	76	2.68	74	4.10	73	6.86	68	10.9	65
10% Lactic Acid	78	0.16	78	0.47	79	1.05	77	1.66	78	2.72	76	4.00	65
Toluene	78	0.09	75	2.62	69	8.79	65	11.48	57	13.39	50	18.09	50

Xylene	78	-0.02	75	-0.01	74	0.69	70	1.92	64	6.50	62	8.51	62
Trichloroethane	78	0.09	75	1.43	74	6.03	69	10.04	67	18.83	63	29.61	60
Methanol	78	2.38	62	6.66	33	5.25	28	Destroyed					
Ethanol	78	0.63	76	1.89	70	3.62	65	5.79	61	2.91	56	-1.04	68
Butyl Cellosolve	78	0.17	75	0.85	71	2.20	64	3.41	63	6.78	60	14.42	60
Methyl Ethyl Ketone	78	5.77	58	19.67	19	12.57	20	Destroyed					
Skydrol	78	0.04	75	-0.06	75	-0.14	75	-0.23	74	-0.39	76	-0.55	53
70% Sulfuric Acid	78	0.13	80	0.04	80	0.03	80	0.03	81	-0.01	80	0.0	80
98% Sulfuric Acid	78	-19.33	72	Destroyed									
Deionized Water	78	0.14	78	0.35	78	0.63	78	1.00	78	1.46	77	1.31	77
50% Sodium Hydroxide	78	0.03	80	-0.05	78	-0.12	78	-0.16	78	-0.30	80	-0.44	63
Bleach	78	0.08	79	0.31	78	0.57	79	0.81	78	0.82	79	0.26	64

CURED FILM PROPERTIES – 7 DAY AMBIENT CURE	
Pencil Hardness[20]	HB
Gloss[14] 60˚	105
Cross Hatch Adhesion[21]	5B
MEK Double Rubs	200+

SURFACE PREPARATION

All surfaces to be coated should be clean, dry and free from contamination.

Concrete

Allow 28 days for concrete to cure. Remove surface laitance by acid etching, abrasive or scrapping, apply direct.

APPLICATION DATA

Application Methods

Trowel, Roller — Recommended

SAFETY PRECAUTION

Keep away from heat, spark and Open flames. Avoid breathing of vapour on skin and eye contact. Keep container closed and store in cool, ventilated area when not in use.
Proper ventilation and protective measures must be provided during mixing, application and drying, to keep vapour concentration within safe limits and to protect against topic hazard.
Necessary safety equipment must be used and ventilation requirements carefully observed, especially in confined or enclosed spaces, such as tank interior and building.

DISCLAIMER

The information in this product data sheet is given to the best of our knowledge based on laboratory testing and practical experience. If the product is used under condition beyond our control, we cannot guarantee anything but the quality of the products it self. The information in this product data sheet is liable for modification from time to time in the light of experience and our policy of continuous product development, and without further notice.