

EasyNovo



Modified Novolac Epoxy Coating

EasyNovo is designed for use as gray, black water tank lining. Its properties minimize damage from bacterial attack.

- 100% Solids – No VOCs
- OPS compatible
- Light gray
- Non-flammable
- Very low odor after mixing
- Low temperature cure without additives
- Excellent chemical resistance
- Long term water resistance

SURFACE PREPARATION

New steel. Most shop primers are compatible after washing at 250 BAR or sweep blasting. Soluble salts, fat and all other foreign matter shall be removed by washing with EasyPrep as additive, enhancing long term performance.

Sharp edges and rough welds should be broken or smoothed so that EasyNovo adhere to 100% of the surfaces to be coated.

For repair SA 1.0 or high pressure water blasting till Nace WJ-2L will suffice.

HANDLING:

Do not store in direct sunlight.

Mix part A and part B for three minutes slowly.

The mixed product will become noticeably thinner.

Apply by brush, roller or airless spray.

Always stripe coat sharp edges and rough parts like hand-laid welds.

APPLICATION CONDITIONS:

Substrate minimum temperature should not be lower than 3°C(38°F). Air temperature should not be lower than 4°C(40°F) and rising. Relative humidity should be lower than 95%.

Do not mix until the temperature of the components is between 20°C (68°F) or 30°C (86°F).

Use a 56:1 airless at 5 Bar (72 psi) inlet pressure with a 19 – 21 tip

SAFETY INFORMATION:

Keep Paint containers away from open flames.

Always avoid prolong contact with exposed skin.

In confined spaces always use a full-face shield with an organic cartridge and completely cover all exposed skin and wear an impermeable suit.

Refer to EasyNovo MSDS.

Physical Data

Finish	Light Grey
Curing Mechanism	Chemical reaction
Volume Solids	100%
VOC	0
WFT	250 microns (10 mils)
DFT	250 microns (10 mils)
Theor. coverage	4 m ² /Liter
Pot Life	@20°C/68°F - 45 minutes @35°C/95°F - 20 minutes
Dry to Touch at 20°C	6 - 8 Hours
Induction Time	4 minutes at 25C
Thinning	NONE
Specific Gravity	1.20 mixed (±2%)
Flash Point Closed Cup	
Part A	>100°C (212°F)
Part B	>100°C (212°F)
Combined after 10 minutes	>100°C (212°F)
Application Method	Brush, roller, airless adjust pressure as required. apply in a cross hatch way ensuring good spreading of the coating
Packaging size	10 liters mixed material
UN Shipping	Non hazardous, non regulated
Shelf Life	18 Months
Recoat Window	@24°C(75°F) – 7 days @35°C(75°F) – 4 days

Performance

Weight Gain 21 day immersion @50°C

10% Sulphuric Acid	1%
10% Acidic Acid	3%

Immersion Results – 60 Days

10% Acidic Acid	No Effect
10% H ₂ SO ₄	No Effect
Gasoline	No Effect
Xylene	No Effect

CAUTION:

Royal cannot assume any responsibility for surface preparation and application if not supervised by their authorized inspectors.

Manufactured by: ROYAL CHEMICAL CORPORATION, BELLE CHASSE, LA 70037 USA
Phone: 504-392-8811 Fax: 504-392-2173

Provisional Data Sheet: EasyNovo:10/2001