

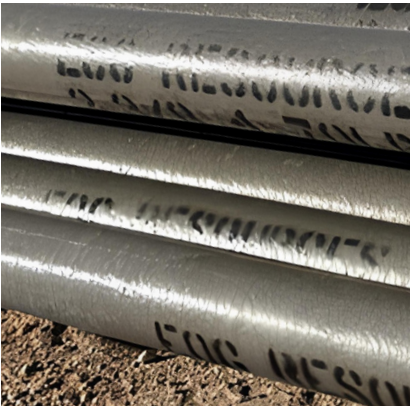
Resin-Coat is a reinforced epoxy coating, without the flint aggregate, that is applied on external casing and tubing applications, for a durable and rigid outer layer.



Features

Technical specifications and physical properties.

- Uniform Coating: Applied at a consistent thickness of 40 - 50 mils.
- Chemical & Fluid Resistance: Chemically inert and highly resistant to CO₂, brine, and H₂S.
- Temperature Rating: Engineered to operate reliably in downhole temperatures up to 149°C.
- Corrosion Protection: Specially formulated to provide superior external cathodic protection.
- Durability: Provides extreme resistance to abrasion, chemicals, and acids, and is durable enough to withstand the severe handling forces of downhole tools.



Benefits

The value proposition and operational advantages.

- Optimized Cement Bonding: Delivers high retention with wet cement, significantly increasing the bond strength at the pipe-to-cement interface.
- Zonal & Environmental Isolation: Prevents gas migration and water encroachment into production zones while avoiding communication losses to protect freshwater zones.
- Cost Reductions: Directly lowers lifecycle spending on casing leaks and tubing replacements.
- Maintenance Optimization: Significantly cuts down on the frequency of well workovers and ongoing asset maintenance.



Applications

Where and when to use Resin-Coat.

- Downhole Tubular Protection: Providing long-term external corrosion protection on critical downhole tubular strings.
- Unconsolidated Formations: Running production casing strings safely through loose, unstable geological zones.
- Injection Well Architecture: Protecting coated tubing segments positioned between active injection intervals.
- Wellbore Integrity Projects: Enhancing the structural bond between the pipe and cement interface to fully isolate wellbores.

Don't forget your coat for outside protection

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CHEMICAL RESISTANCE SPECIFICATIONS

Fluid Type	Percent	Exposure at 80°F (27°C) for 7 days
ACID		
Acetic	5	Excellent
Citric	10	Excellent
Lactic	5	Excellent
Hydrochloric	37.5	Good (discoloration)
Sulfuric	50	Excellent
Nitric	10	Excellent
Phosphoric	85	Fair (surface attack)
Hydrochloric-Hydrofluoric	-	Good (discoloration)
ALKALI		
Sodium Hydroxide	50	Excellent
Ammonium Hydroxide	10	Excellent
SOLVENT		
Toluene	-	Excellent
Mineral spirits	-	Excellent
Sour Crude Oil	-	Excellent
Butyl Acetate	-	Excellent
Ethyl Alcohol	-	Excellent
Methyl isobutyl ketone	-	Excellent
Chloroethane	-	Excellent
MISCELLANEOUS		
Tap Water	-	Excellent
Sodium Hypochlorite	5	Excellent

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