

Rikol-SP - one-component polyurethane coating for corrosion protection of inner and outer surfaces of pipelines.

Areas of use

- Protection of outer surfaces of pipelines from environmental exposure
 - Climatic impacts
 - Biological-active environment
 - Mechanical protection
 - Chemical exposure (liquids and gases)
 - Sea water
- Protection of inner surfaces of pipes when pumping corrosive liquids and gases, including at high temperatures

Main characteristics

- Smooth coating with excellent antistick properties. **Low hydraulic resistance, high strength against any deposition** (ex. asphalts, resins and paraffins deposits)
- Abrasion and hydro abrasion resistance
- **Long-term thermal stability at 150°C, peak up to 200°C**
- The pumped medium pressure does not affect the protective coating performance
- Sustained performance and **long coating life (6-7 years)**
- Elasticity (up to 6% elongation)
- High hardness (95-97 Shore)
- Withstands cyclic temperature and mechanical stress
- Maximum protection efficiency with a small thickness of the coating (150 - 300 microns)
- Simple surface preparation, no mixing mistakes
- Excellent adhesion to itself, maintainability
- **Developed technology of applying inner coating on pipes from Ø70 mm**
- Various application technologies for outer coating (manual and mechanized)
- **It can be applied in the rough weather conditions, including humidity up to 95%**
- Non-toxic, Ecologically clean, drinking water contact allowed.

Objects of application

- Coating of inner surface of tubings in oil extraction and transportation
- Protection of heating mains (outer coating)
- Protection of aboveground and underground pipelines from environmental exposure.
- Protection of metal tanks: tanks for oil and oil products, chemicals and aggressive liquids, water.
- Welding joints protection for preinsulated pipes in field conditions

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