

## Contact:

IC Polynom LLC  
of. 308, Studyonaya Gora str., Vladimir, 600001 Russia  
+7 4922 321047, +7 903 6450762  
Email: rikol@rikol.ru Web: www.rikol.ru



## Product description

Rikol is a family of single-component polyurethane moisture-curing coatings, which can be used for corrosion protection and waterproofing.

Rikol's main benefits:

- superior temperatures resistance (up to 200°C), wide chemical and biological resistance;
- high degree of adhesion to various types of substrates (steel, concrete, bricks, wood etc.);
- surface hardness, abrasion and cracking resistance, durability, hydrophobicity;
- very smooth coating prevents depositions and dirt accumulation;
- simple surface preparation, fast and easy to apply.
- can be applied in different environmental conditions, even on slightly wet surfaces or at low temperatures. (polymerized during 6 to 8 hours, final mechanical and protective properties are acquired after 24 hours);
- non-toxic, low-hazardous during all lifecycle, drinking water contact allowed;

## Technical data

Polymer	Polyurethane
Number of components	One
Solids content , %	≥95
Finish	Uniform light yellow gloss film, colored on request
Density	approx. 1.25 ± 0.1 g/cm <sup>3</sup>
Composition lifetime (prior filming)	6-8h
Curing Mechanism	(Air) moisture cured
Dry Film Thickness (1 layer)	Brush or roller applied -150um High pressure sprayed 30-60um
Coats	2 minimum
Material consumption	-one layer 150 g /m <sup>2</sup> -coating system 300-450 g/m <sup>2</sup>
Interlaminar drying time	4-6h at 18°C
Shore hardness number	95-97
Elongation at break , %	30-36
Service temperature, °C	
long term	150
intermittent	200

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## Application

The product is applied on prepared surfaces using any painting technique (hydraulic and airless spraying, by brush and roller, dipping) in the factory or field environment, on construction site. Rikol may be applied at ambient temperatures from -10 to +50°C and relative humidity between 30%-98%.

## Surface preparation, environmental conditions

Surface preparation for applying Rikol product involves dirt, grease, rust and scale removal. The most preferred way to clean surface, is the shot and sandblasting, which provides longest coating life expectancy (ISO – Sa2½ expected). If shot-sandblast is not possible, mechanical surface cleaning is allowed: mechanized cleaning by rotating scratch brushes, wire brushes, grinding wheels and etc., as well as manual using metal brushes, scraping tools, abrasive paper, etc. Prepared surface should be dust-free.

## Material preparation

Rikol is ready-to-use product. Prior to using RIKOL product it is necessary to stir it and warm up to 40°C if required.

## Storage information

Store in dry place with temperature above 0°C. No direct sunlight allowed. The packaging containing RIKOL shall be intact and have tightly-fitting lids.

## supply form

Bucket 20 lit.  
Plastic barrel 50 lit.  
Barrel 200 lit.

## Safety information

No special conditions during transport and storage required.  
Protective outwear, gloves and eyewear when applied.

