



## TRIOCOR FINISH 5100

Quick-drying enamel

**DESCRIPTION:** A one-pack quick-drying enamel based on synthetic film forming substance of polybutylacrylate.

**TYPE AND RECOMMENDED USE:** For anticorrosion protection of metal structures which have various functional use, industrial objects and infrastructure objects exploited in conditions of atmospheric corrosive activity from very low C1 to high C4 (ISO 12944-2).

### PHYSICAL CONSTANTS:

**Color:** Gray. Tinting according to RAL.

**Volume solids:** 43±5 %

**Theoretical spreading rate:** 0,189 kg/m<sup>2</sup> at DFT 60 microns.

### Film thicknesses:

Wet and dry film thickness table

Film thickness	WFT, microns	DFT, microns
Minimum	90	40
Maximum	190	80
Recommended	140	60

### Drying times:

Drying times at DFT of 60 microns

Surface temperature	Drying times at DFT of 60 microns							
	Minus 30°C	Minus 20°C	Minus 10°C	0°C	5°C	10°C	20°C	30°C
Drying to degree 3 (allows to recoat)	24 h	18 h	12 h	6 h	3 h	2 h	45 min	30 min
Drying to degree 6	5 days	3,5 days	2,5 days	24 h	12 h	8 h	2,5 h	2 h

The maximum recoating interval is unlimited.

Drying time is thickness dependent. Drying times specified in this section are given as a guide only. It is necessary to take into account the presence of air flows and relative humidity when assessing actual drying time.

### SURFACE PREPARATION:

The product is applied to a prepared surface. Prepared surface should be dry, clean and uniform, its temperature should be at least 3°C above the dew point. Typical preparation process of the primed surface includes cleaning, oil and grease removing (if necessary), salt removing (if necessary), roughening (if necessary) and dust removing.

### APPLICATION DETAILS:

**Material preparation:** Material is one-packaged; stir thoroughly for 3-5 minutes before application.

**Application method:** Airless spraying / Pneumatic spraying / Manual application.

# Technical Data Sheet



<b>Thinner:</b>	TRIOSOLV 0003. Make the dilution in increments of 1 vol. %. The dilution value amounts: <ul style="list-style-type: none"><li>- When using airless spraying – (0-5) vol. %;</li><li>- When using pneumatic spraying – (5-15) vol. %;</li><li>- When using brush or roller (strip painting, complex shape products, areas up to 1 m<sup>2</sup>) – (5-15) vol. %.</li></ul>
<b>Nozzle size (recommended):</b>	<ul style="list-style-type: none"><li>- When using airless spraying - .013" - .019".</li><li>- When using pneumatic spraying - (1,5 - 2,0) mm.</li></ul>
<b>Operating pressure (recommended):</b>	<ul style="list-style-type: none"><li>- When using airless spraying - (150-180) bar.</li><li>- When using pneumatic spraying - (2,0-2,5) bar.</li></ul>
<b>Cleaning of tools:</b>	Xylene, TRIOSOLV 0003.
<b>Application conditions:</b>	Air temperature from minus 30 °C to plus 30 °C; Relative humidity no more than 80 %; (In closed rooms it is necessary to provide supply-and-exhaust ventilation during application and drying to the extent necessary).
<b>RECOMMENDED SYSTEMS:</b>	It is used as an enamel for application on alkyd, alkyd-modified, acrylic primers, as well as an independent coating (primer-enamel). For detailed information, contact «O3-Coatings».
<b>STORAGE:</b>	12 months from the date of manufacturing. Product should be stored in dry, dark space at temperatures between minus 40°C to plus 40°C in the original sealed packaging, away from heat and ignition sources, avoiding direct exposure to UV-rays and ingress of moisture.
<b>ADDITIONAL NOTE:</b>	Numerical values quoted for physical data may vary slightly from batch to batch.
<b>PACKAGE:</b>	Container (net weight 20 kg).
<b>HEALTH AND SAFETY:</b>	Refer to the Safety Data Sheet before use.