



## TRIOCOR BETON 4700

Enamel primer

**DESCRIPTION:** A one-pack quick-drying anticorrosive enamel primer based on organic solution of complex synthetic film forming substance, which forms weather-resistant and keeping color and appearance coating.

**TYPE AND RECOMMENDED USE:** Material for using as a weather-resistant anticorrosive coating for metal, concrete and reinforced concrete intended for exploitation in conditions of atmospheric corrosive activity from C1 to C4 according to ISO 12944-2, in moderate, moderately cold and cold climate. Application to the old coatings based on alkyd, acrylic, epoxy and other film forming substances is allowed.

### PHYSICAL CONSTANTS:

**Color:** Tinting according to RAL.

**Volume solids:** 43±5

**Theoretical spreading rate on one layer, g/m<sup>2</sup>** 120-240

**Film thickness**

**Dry film thickness, microns:**

**Wet film thickness, microns:**

#### Recommended range of one-layer coating when applying by using airless spraying:

	minimum	typical	maximum
Dry film thickness, microns:	40	60	80
Wet film thickness, microns:	90	140	190

**Drying times at (20±2)°C:**

To recoat by next layer	1,5 h
For canting	6 h
For full curing and exploitation	3 days

Curing time specified for typical dry film thickness. Recoating interval is unlimited. It is necessary to take into account the presence of air flows and relative humidity when assessing actual drying time.

### SURFACE PREPARATION:

- Steel surfaces should be cleared of oil and grease to grade 1 according to GOST 9.402, cleared by using blast cleaning to Sa2 or mechanical methods to St2 according to GOST R ISO 8501-1 or to grade 2 according GOST 9.402. Then removing dust and blast abrasives by using compressed air of group 2 to grade 2 according to GOST 9.402 is required.
- Concrete surface should be dry, strong, have required class of roughness. It should not have cracks, potholes, protruding reinforcement, shells, influxes. Before applying of the material surface should be cleaned of dirt, dust, oil and laitance.
- Previous compatible coating should be dry, cleaned from oil and grease, rough, cleaned from dust.

### APPLICATION DETAILS

**Material preparation:** Material is one-packaged; stir thoroughly to homogeneous consistency before application.

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

# Technical Data Sheet



<b>Thinner:</b>	TRIOSOLV 0003. Make the dilution in increments of 1 vol. %. The dilution value amounts: - When using airless spraying – (0-5) vol. %; - When using brush or roller (strip painting, complex shape products, areas up to 1 m <sup>2</sup> ) – (5-15) vol. %.
<b>Nozzle size:</b>	.013" - .019"
<b>Operating pressure:</b>	(150-180) bar.
<b>Cleaning of tools:</b>	Toluene, xylene, TRIOSOLV 0003.
<b>Application conditions:</b>	- Air temperature from minus 30 °C to plus 30 °C; - Relative humidity no more than 80 %; - Temperature of the paintable surface is as minimum 3 °C above the dew point; - Absence of moisture on the paintable surface. (In closed rooms it is necessary to provide supply-and-exhaust ventilation during application and drying to the extent necessary).
<b>RECOMMENDED SYSTEMS:</b>	To be used as a single coating and as a topcoat. 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.