



TRIOCOR PRIMER 1100

Quick-drying primer

- DESCRIPTION:** A one-pack quick-drying primer based on synthetic film forming substance.
- 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:** Red brown, gray. Tinting according to RAL.
- Volume solids:** 56±5 %
- Theoretical spreading rate:** 0,149 kg/m² at DFT of 60 microns.

Film thicknesses:

Wet and dry film thickness table

Film thickness	WFT, microns	DFT, microns
Minimum	70	40
Maximum	180	100
Recommended	110	60

The recommended number of layers – 1-2.

Drying times:

Drying times at DFT of 60 microns

Surface temperature	5°C	10°C	20°C	30°C
To touch	3 h	1,5 h	20 min	10 min
To recoat	4 h	2 h	30 min	15 min

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 metal surface. The preparation process includes the following stages: remedy imperfections to P2 in accordance with ISO 8501-3; remove oil and grease (if necessary; recommended solvent – R4); blast clean to Sa 2^{1/2} in accordance with ISO 8501-1, local P St 3 cleaning is allowed; remove salt (if necessary); dust, blast abrasives shall be removed from the surface after blast cleaning such that the particle quantity and particle size do not exceed rating 2 of ISO 8502-3. Prepared surface should be dry, its temperature should be at least 3°C above the dew point. Recoating interval of prepared metal surface should not exceed 6 hours in accordance with ISO 8502-4.

APPLICATION DETAILS:

- Material preparation:** Material is one-packaged; stir thoroughly for 3-5 minutes before application.
- Application method:** Airless spraying / Manual application.

Technical Data Sheet



Thinner:	TRIOSOLV 0003 (in case of necessary). Make the dilution in increments of 1 vol. %. For airless spraying: (0-5) vol. %. For application with a brush or roller (strip painting, complex shape products, areas up to 1 m ²): (5-15) vol. %.
Nozzle size (recommended):	.013" – .019"
Operating pressure (recommended):	(150-180) bar.
Cleaning of tools:	Xylene, TRIOSOLV 0003.
Application conditions:	Air temperature from plus 5 °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).
RECOMMENDED SYSTEMS:	To be used as a primer for alkyd, alkyd-modified and acrylic top layers. Recommended material for recoating: TRIOCOR FINISH 5100. For detailed information, contact «O3-Coatings».
STORAGE:	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.
ADDITIONAL NOTE:	Numerical values quoted for physical data may vary slightly from batch to batch.
PACKAGE:	Container (net weight 20 kg).
HEALTH AND SAFETY:	Refer to the Safety Data Sheet before use.