

# KORINTHOS PRIMER

## Anti-rust water-based universal primer

0717.

27/05/21 rev.07

### Description and use

Water-thinnable rust inhibitor, based on synthetic resins, featuring fast drying and excellent adhesion to iron, zinc-plated steel, aluminium, ABS and PVC. It ensures a high anticorrosion protection thanks to special pigments which act passivating the ferrous surfaces.

Suitable for industrial paint system (metal structural work, agricultural machinery, etc.) where a low level of solvent is requested.

Not suitable for application on cast iron supports.

### Technical data

Colour	: white-grey
Binder	: epoxy-modified acrylic dispersion
Dry film appearance	: matt
Specific gravity	: 1.22 kg/l ( ± 0.03)
Viscosity	: 4000 ÷ 7000 mPa.s Brookfield RVT rpm 20 s 4
pH value	: 7.5 ÷ 8.5
Practical cover rate*	: 5 ÷ 6 m <sup>2</sup> /l per two layers.
Storage life	: 12 months in original sealed container.

\*The cover rate is calculated on the suggested thickness and applied on plane and regular surfaces.

**NB:** Data recorded @ 20°C (68°F) and 65% RH.

The product complies with Directive **2004/42/EC**; Category **A/i**, WB: VOC max 140 g/l (2010); VOC product < 140 g/l

### Application note

Substrate preparation	: <u>IRON SURFACES</u> : surface to be coated must be dry and free of dust, rust and non-adhering old paints. Degrease carefully and apply KORINTHOS PRIMER code 0717. <u>GALVANIZED STEEL and ALUMINIUM</u> : remove any extraneous waste, oiliness and surface oxidation, then degrease thoroughly with pickle solvent solutions. <u>ABS and PVC</u> : substrate must be dry and previously sanded, next clean and degrease carefully.
Product preparation	: Mix well to achieve even colour and consistency.
Application method	: - brush - roller - air mix spray gun with nozzle Ø 1.4 ÷ 1.7 mm and pressure of 2.5 ÷ 3.0 bar.
Reduction by weight	: 5 ÷ 10% water
Reduction by volume	: 10 ÷ 15% water
Recommended thickness	: 50 ÷ 60 µm dry film

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Air drying (20°C - 65% RH)	:	Dust free	:	15 minutes
		Touch dry	:	30 minutes
		Through drying	:	6 hours
Recoatable	:	After 1 hour with water-based enamels, or 18 ÷ 24 hours when using solvent-based synthetic enamels, after carrying out some preliminary tests.		

### NOTE:

Do not apply in foggy or rainy weather, or when the relative humidity exceeds 75%.  
The air and surface temperature must be above + 5 (41°F) and below 35°C (95°F).  
Exterior applications need to be protected from the rain for at least 24 hours, and in any case until complete drying.

**PROTECT FROM FROST.** Store the packaged product at a temperature between +5°C (41°F) and 35°C (95°F).

Information provided in this technical data sheet is based upon our best experience and technical knowledge; it does not absolve the users from carrying out tests and preventive checks in order to verify the suitability for use. For further technical information about specific systems and/or special applications, please contact our TECHNICAL SERVICE.

This note replaces all the previous ones. Please, make sure to have the latest issue. The above mentioned data are meant to facilitate our customers in the use of our products. IMPA is not responsible for applications of products carried out beyond its direct control.

**IMPA S.p.A Unipersonale** Via Crevada, 9/E 31020 San Pietro di Feletto (TV), Italy Tel. +39 0438 4548 Fax +39 0438 454915  
Società soggetta ad attività di direzione e coordinamento di Fassa S.r.l. - [info@impa.it](mailto:info@impa.it) [www.impa.it](http://www.impa.it)