

Domissima BUILT BY EXPERTS

Domopox Special Primer



Epoxy anticorrosive primer

DOMOPOX SPECIAL PRIMER is a two-component, epoxy anticorrosive primer with solvents (no addition of solvent is required) for metal surfaces and reinforcements. It offers adhesion and corrosion protection on metal structures which are permanently or not, in contact with water. It satisfies the requirements according to EN 1504-7.

Field of application

DOMOPOX SPECIAL PRIMER is suitable for corrosion protection of metal surfaces, such as reinforcement, steel structures, tanks, piping, etc., which are permanently or not, in contact with water.

Advantages

- High corrosion protection on metal surfaces.
- Excellent resistance to abrasion.
- Increases sharply the adhesion of metal surfaces.
- Excellent adherence to substrate.
- Permanent protection from salt and fresh water.
- Resistant to chemicals, solvents and oils.

Method of use

Substrate condition

The application surface must be dry and free of any materials that prevent the proper adherence of the product, as dust, loose particles, grease etc. Any rust should be removed by sanding or sandblasting. Then clean the surface thoroughly from the dust.

Mixing

Mixing ratio:

A (liquid):B (liquid) 5:1 w/w

The components A and B are packed in vessels in a default mixing ratio.

B is added to component A.

The two components are mixed with an electric agitator of low power.

The mixing time should be at least 2-3 minutes until the mix is completely homogeneous.

Application

DOMOPOX SPECIAL PRIMER is applied by brush, roller or spray at temperatures from +10°C to +30°C in two layers. The second layer must be applied within 24 hours and after the first one has dried. Otherwise you should scrub the substrate.

Consumption

100-200 g/m² depending on the nature of the substrate.

Storage

At least 12 months from production date in the original pails, in a cool environment protected from frost and direct sunlight.

Packaging

Component A (liquid): Pails of 5 kg.

Component B (liquid): Cans of 1 kg.

Volatile Organic Compounds

EU REGULATION 2004/42: According to Directive 2004/42/EU (Annex II, Table A), the maximum allowed content of VOC (Product Category j / Type SB) is 500 g/L (limits of 2010) for the ready to use product. The ready to use DOMOPOX SPECIAL PRIMER contains max <500 g/L.

Specifications

Form	Liquid (A, B)
Shading/Colors	Tile red
Mixing ratio	A : B 5 : 1 w/w
Specific weight of mix	1.50 ± 0.04 kg/L (23°C)
Application temperature	+10°C to +30°C
Pot life	2-3 hours (20°C)
Recoating	8-24 hours
Adhesive strength (EN 1542)	3.2 N/mm ²

All the technical data stated in the present Technical Data Sheet are based on laboratory tests and the knowledge and experience of the company. Different conditions may apply at field applications that are beyond the control of the company. Therefore, the end user is ultimately responsible to make sure that the product is suitable for the application in question and to know the real conditions of the project.