

Domissima

Serital Primer W

BUILT
BY
EXPERTS



Water-based epoxy resin primer

SERITAL PRIMER W is a two-component water-soluble epoxy primer suitable for enhancing the adhesion even to a slightly moist or new matured (<28 days) cementitious surfaces.

Field of application

SERITAL PRIMER W is used as:

- primer on surfaces which DOMODUR, DOMOREFLECT POOL PU2K, SERITAL 41 and DOMOPOX FLOOR products are to be applied.
- repairing putty by adding QUARTZ MIX or DOMOLASTIC B.

Advantages

- Excellent adherence to cement.
- Easy to apply.
- Multiple uses.
- Environmental friendly, without solvents.

Method of use

Substrate condition

The application surface must be dry (substrate humidity <4%), stable, sound and free of any materials that prevent the proper adherence of the product, as dust, loose pieces, grease, etc. Any existing cracks and holes must be repaired before the application of the product.

Prepare the surface by sanding, sandblasting or shot blasting depending on the nature of the substrate. Then clean the surface thoroughly from the dust with a high power vacuum cleaner.

Mixing

Mixing ratio:

A (liquid):B (liquid) 1 : 3 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 (300 rpm).

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

Primer: Dilute SERITAL PRIMER W with water to 10 wt% Water may be added from the start of mixing of the two components.

Repairing putty for imperfect surfaces: Mixing of the two components with the aggregates for application by trowel in the following ratio.

SERITAL PRIMER W : QUARTZ MIX 1 : 2-3 w/w

Repairing putty for liquid and fresh floor: Dilute SERITAL PRIMER W with 10% water, as described in previous process, and then mix with DOMOLASTIC B.

Mixing ratio for application by brush:

SERITAL PRIMER W : DOMOLASTIC B 1:0.5-0.8 w/w

Mixing ratio for application by trowel and for vertical surfaces:

SERITAL PRIMER W : DOMOLASTIC B 1 : 2-3 w/w

Application

Primer: The SERITAL PRIMER W is applied by brush or roller in one layer at temperatures from +10°C to +30°C. The recoating of SERITAL PRIMER W is carried out within 24-48 hours of the first application, provided that the humidity of the first layer is less than 4%.

Repairing putty: It is applied by trowel or brush depending on the mixing ratios.

Consumption

Primer

120-220 g/m² depending on the nature of the substrate.

Repairing putty for imperfect surfaces

1.8-2.3 kg/m² for one layer of 1 mm thickness, depending on the thickness of the floor defects.

Repairing putty for liquid and fresh floor

1.8-2.0 kg/m² for one layer of 1 mm thickness, depending on the thickness of the floor defects.

Storage

At least 12 months from production day, in the sealed packages and in a cool environment protected from frost and direct sunlight.

Packaging

Component A (liquid): Pails of 1.25 kg.

Component B (liquid): Pails of 3.75 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 WB) is 140 g/L (limits of 2010) for the final product. The final SERITAL PRIMER W contains max <140 g/L.

Specifications

	Component A	Component B
Form	Liquid	Liquid
Specific weight	1.12 ± 0.03 kg/L (23°C)	1.00 ± 0.03 kg/L (23°C)
Mix ratio	A : B 1 : 3 w/w	
Specific weight of mix	1.03 ± 0.03 kg/L (23°C)	
Mix viscosity	5000-5500 cP (23°C)	
Application temperature	+10°C to +30°C	
Pot life	90 minutes (20°C)	
Walkability	14-16 hours (20°C)	
Recoating	16 hours (20°C)	
Minimum curing temperature	+8°C	
Adhesive Strength (EN 1542)	>3 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.