

MonoPrime UNI

Description and application

Universal 2-component, solvent-containing, quick-drying primer with a very long application time and a short drying time for smooth and slightly porous surfaces.

As a particularly well adhering primer on a very wide range of surfaces, such as wood, some plastic materials, aluminium, steel (in the case of steel and most non-oligomeric plastics. It is recommended to apply an anti-rust primer type: MonoPrime PRW. Do not apply to surfaces that are highly sensitive to solvents.

Article number and packaging

11050-1	1 kg set
11050-5	5 kg set
11050-10	10 kg set

Properties

- Easy to apply.
- Short drying time and long application time.
- Universally applicable on most surfaces.

Liquid product properties

Colour	White /transparent
Density	1,37 mixed product
Volume solids	58%
Shelf life	At least 12 months after the date of production, if stored cool in unopened packaging and protected against frost.

Application information

Method	brush, roller, air spray, airless spray		
Coverage	0,10 – 0,25 kg /m ² /layer, depending of the surface and substrate structure.		
Mixing ratio	880 gr A : 120 gr B		
Dilution	--		
Potlife*	20°C	approx. 3 hours	
Induction time	5 minutes		
Application temp.	Substrate	between +5°C and +30°C	
	Product	between +10°C and +35°C	
Walkable*	20°C	after 45 minutes	
Recoat time*			
Hotspray	20°C	Min. 3 Hrs	Max. 72 Hrs
Solvent free hand apply	20°C	Min. 45 min.	Max. 72 Hrs
Solvent containing	20°C	Min. 12 Hrs	Max. 72 Hrs
Chemical load*	7 x 24 hrs at 20°C		
Mechanical load*	3 x 24 hrs at 20°C		
Cleaning agent	Roca Cleaner R5518 (tools)		

*At 65% relative humidity. The times and values given are approximates only and are affected by fluctuating surface and environmental conditions such as temperature and relative humidity.

Mixing instructions

Two-component products must always be mechanically mixed, preferably with a continuously adjustable mixing machine/drill. Use a suitable mixer and/or whisk of the correct size. As a guideline, the diameter of the mixer or whisk must be at least 1/3 of the diameter of the container in which the product is mixed.

First, mix the base component and the hardener in a separate clean bucket. Pour some of the mixed material back into the hardener container and mix it in the container until all the hardener has been used.

Next, pour this mixture into the base component container and mix it again until a homogenous mixture is obtained. Then, pour the mixture from the base container into the bucket and mix it briefly again.

When combining partial containers, both components must be carefully stirred and weighed.

Comments during application

Two-component products may only be applied when the relative humidity is less than 85%.

The minimum application temperature is +5°C and the temperature of the surface to be treated must be 3°C above the dew point. Check the dew point table.

Full curing is accelerated in high ambient or substrate temperatures and slowed in lower temperatures. Pot life times depend on product temperature. Care should be taken on both counts.

Ensure good ventilation during drying. Insufficient ventilation, notably on the floors of swimming pools and other basins, bottoms of trailers, may result in slow and irregular drying of the applied primer coat.



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Surface conditions

The surface must be healthy, with minimum compression strength of 25 N/mm² and minimum bond strength of 1.5 N/mm².

The surface must be clean and free of diesel, oils and grease. All loose friable materials and foreign bodies must be removed by abrasive blasting, captive blasting, high pressure water blasting. This is to remove all surface laitance. Monolithic floors and formed surfaces must be abrasive blasted or other preparation means to clean and profile.

All cement based and concrete surfaces must be at least 28 days of age.

Moisture content of surface: < 4% (parts by weight).

Steel must be blasted to provide an anchor profile of 75 to 100 micron according to DIN EN ISO 12 944, Part 4. Use a primer with rust inhibiting properties.

For detailed information regarding the pre-treatment of surfaces, please see the "Surface pre-treatment" product information sheet.

Important

Projects and uses can vary greatly. Always contact your supplier if in doubt about a certain use, choice of material or surface treatment. All the technical information given in this technical information sheet is based on laboratory tests. Information can change, depending on the conditions.

Legal notification

The information and, in particular, the recommendations concerning the application and final use of Prokol products is issued in good faith based on Prokol's current knowledge and experience of products that are correctly stored, handled and applied under normal conditions.

In practice, the differences in materials, substrates and local conditions are such that no guarantee can be given concerning the marketability or suitability for a certain objective, nor can any liability arise from any legal relationship based on this information, nor from any written recommendations or other advice that is given. The property rights of third parties must be respected.

Prokol guarantees that its products are free from manufacturing faults. Multi-component products are a finished product once the components have been mixed and processed. When mixed and processed correctly, the product will achieve the specifications given. Prokol can only guarantee the product when surfaces are processed and pre-treated correctly.



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