

Technical Information No. 13/2025

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Purios Epoxy Primer

PRODUCT DESCRIPTION AND APPLICATION

Purios Epoxy Primer is a two-component primer for floor applications. A product for professionals, intended for the underlayment protection of the floor before applying the finishing layer (color).

Component A: Purios Epoxy Primer

Component B : Purios Epoxy Primer Hardener

PHYSICAL AND CHEMICAL PARAMETERS

Properties of ingredients	Component A	Component B	Ready mix	Standard
Viscosity [mPas]	1800-2000 (at 20°C)	100-400 (at 25°C)	1800-1500 (at 20°C)	WL/3/PURINOVA
Density [g/cm ³]	1.1 - 1.13 (at 20 °C)	1.0 – 1.04 (at 21°C)	1.08 - 1.10 (at 20°C)	WL/8/PURINOVA
MIXING CHARACTERISTICS				
Mixing ratio (by weight)	100 component A: 50 component B			
Lifespan of the mixture	approx. 30 min (at 20°C)			
Temperature of components A and B	≥ 15°C			
COATING PROPERTIES AFTER CURING				
Shore D hardness (after 7 days)	80 ± 5		WL/71/PURINOVA	

PREPARATION OF THE SUBSTRATE

The surface to be painted must be dry, degreased, stable, free of dust, loose elements and cement laitance.

Remember that the substrate on which you are applying the flooring must be seasoned (min. 28 days). The humidity of the substrate must not exceed 4%.

APPLICATION TERMS

The product should be used in the temperature range of 10 - 30 °C (recommended temperature is 15 - 25 °C).

High temperature significantly shortens the time during which the mixture remains usable, thereby reducing its processing time.

The maximum humidity permitted for application is 70%.

The room must be ventilated.

Avoid sources of ignition.

NO SMOKING WHILE USING THE PRODUCT.

DESCRIPTION OF MATERIAL PREPARATION

Before starting work, mix component A thoroughly.
Make sure that no sediment remains at the bottom.

mixing ratio :
component A : component B = 100 : 50 (by weight)

NEVER CHANGE THE PROPORTIONS OR MIXING ORDER.

Mix with a slow mixer to avoid air entrapment (at a speed of about 300 rpm) for about 2-3 minutes. To ensure even connection with the hardener, do not leave the mixture on the walls of the bucket. Then pour into another container and mix again for a while, about 1 minute.

APPLICATION DESCRIPTION

Application time after mixing is approximately 30 minutes (at 20 °C).

Apply with a roller, brush or squeegee.

REPEAT THE MATERIAL PREPARATION AFTER WAITING APPROX. 14 - 16 HOURS AFTER APPLICATION OF THE FIRST LAYER (when drying at a temperature of approx. 20 °C).

THEORETICAL PERFORMANCE

About 0.3-0.7 kg/ m²

SHELF LIFE, STORAGE

Purios Epoxy Primer retains its properties for a period of 6 months from the date of production.
Store in original sealed packaging, in dry places, away from heat sources at a temperature of 5 - 30 °C.
Do not expose to sunlight or freeze.

PACKING

SET 10	SET 30
Component A – 7kg	Component A – 20 kg
Component B - 3kg	Component B - 10 kg

SECURITY

Before starting to work with the Purios Epoxy Primer System, please read and follow the recommendations contained in the Safety Data Sheet and Technical Information.

This information, including the technical advice – whether provided verbally, in writing or through technological tests – is provided in good faith but without any guarantee, including the rights of third parties. Our technical advice does not release you from the obligation to verify the information provided – especially that contained in our safety data sheet and technical information – and to test our products for their suitability for the intended processes and applications. The application, use and processing of our products and your products based on our technical advice are beyond our control and are your sole responsibility. Our products are sold in accordance with the current version of our General Terms and Conditions of Sale.