

Wethan 509

Primer for FPO and TPO sheets



Brief description

Wethan 509 is a 1-component primer used as a bonding agent between FPO and TPO sheets and WestWood roof waterproofing systems.

Material

1-component, solvent-free, polyurethane-based primer

Properties and advantages

- Easy to apply
- Low consumption rate

Areas of application

Wethan 509 is used as a bonding agent between FPO and TPO sheets and WestWood roof waterproofing systems.

Packaging

0.8 kg metal bottle



Colours

Wethan 509 is unpigmented.

Storage

Store the products sealed in their original airtight container and in a cool, dry and frost-free place. Unopened products have a shelf life of at least 6 months. Direct sunlight on the containers should be avoided, including on site. After removing some of the contents, reseal the containers immediately so they are airtight.

Once opened, the product only has a limited shelf life and may gel prematurely. Do not use any product that has gelled.

Application conditions

Temperatures

The product can be applied within the following temperature ranges:

Product	Temperature range, in °C		
	Air	Substrate*	Material
Wethan 509	+3 to +35	+3 to +50*	+3 to +30

* The substrate temperature must be at least 3 °C above the dew point during application and curing.

Moisture

The relative humidity must be ≤ 90 %.

The surface to be coated must be dry and ice-free.

The surface must be protected from moisture until the coating has hardened.

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Reaction times

temperature	Drying time Wethan 509
30 °C	1 - 2 hours
20 °C	1.5 - 3 hours
10 °C	2 - 4 hours
3 °C	3 - 6 hours

Consumption rates

0.03 – 0.05 kg/m²

Technical data

Density: 0.91 g/cm³

Product application



Application equipment / tools

For applying the product:

- Brush

Substrate preparation

Clean the substrate with Weplus Cleaning Agent and a lint-free cloth and allow the surface to dry completely (approx. 15 minutes) prior to application of the product.



Mixing

Mix the primer thoroughly by stirring or shaking before application.

Application

Brush-apply a thin coat of primer to the substrate.

Avoid excess build-up of material in all areas, and especially in corners. If necessary, use the brush to spread the material evenly and avoid greater layer thicknesses.

Cleaning

If work is interrupted or when it is completed, clean the tools thoroughly with Weplus Cleaning Agent within the pot life of the material. This can be done with a brush. Do not use the tools again until the Cleaning Agent has evaporated fully.

Simply immersing the tools in the cleaning agent will not prevent the material from hardening.

Information on safety and risks

Please refer to the safety data sheets for the products used.

General information

The above information, especially information about application of the products, is based on extensive development work as well as many years of experience and is provided to the best of our knowledge. However, the wide variety of requirements and conditions on site mean that it is necessary for the product to be tested to ensure that it is suitable for the intended purpose. Only the most recent version of the document is valid. We reserve the right to make changes to reflect advances in technology or improvements to our products.

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