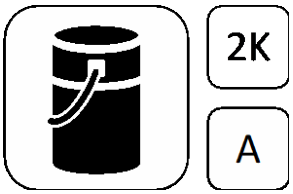
Product information sheet

Weproof 269 /-thix
Waterproofing fixing coat



Brief description
Weproof 269 /-thix is a high-grade, flexible and low-odour PMMA-based waterproofing resin for the durable and reliable waterproofing of buildings. Depending on the crack-bridging requirements it is used on its own or in conjunction with Weproof 264 as surfacing or waterproofing. Due to its low-odour properties during application, Weproof 269 is also suitable for odour-sensitive areas.

Material

2-component, fast-curing, slightly flexibilised and low-odour PMMA-based (polymethyl methacrylate) waterproofing resin.

Properties and advantages

- Low-odour
- Permanently weather-resistant (UV-, hydrolysis- and alkali-resistant)
- Fully bonded to the substrate, therefore no flow paths underneath for water
- Easy and fast application
- Fast-curing
- Can be applied to almost all substrates, including variable substrates (when combined with WestWood primers)
- Solvent-free

Areas of application

Weproof 269 /-thix is a product that belongs to the Weproof system and is used for the waterproofing of buildings. The Weproof system is used to waterproof main areas and details on structures such as garages, bridges, balconies, terraces and access galleries.
In conjunction with Weproof 264 it forms a crack-bridging and fleece-free waterproofing layer. On areas without any cracks or with only hairline cracks it is used without Weproof 264 as surfacing with waterproofing properties.

Differences between Weproof 269 and 269 thix

Weproof 269 thix is a variant of Weproof 269 that is made more viscous / thixotropic to reduce run-off when applied to sloping and vertical surfaces. They are therefore used primarily for the waterproofing of details.

Pack size


Summer:	Winter:	
10.00 kg	10.00 kg	Weproof 269 /-thix
0.20 kg	0.40 kg	Wekat 900
10.20 kg	10.40 kg	
25.00 kg	25.00 kg	Weproof 269 /-thix
0.50 kg	1.00 kg	Wekat 900
25.50 kg	26.00 kg	

Colours

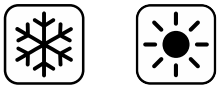
RAL 7038 Agate grey

Storage

Store products sealed in their original airtight container and in a cool, dry and frost-free place. The unopened product has a shelf life of at least 6 months after delivery. Direct sunlight on the containers should be avoided,

including on site. After removing some of the contents, reseal the containers so they are airtight.

Application conditions



Temperatures

The product can be applied within the following temperature ranges:

Product	Temperature range, in °C		
	Air	Substrate*	Material
Weproof 269 /-thix	+5 to +35	+5 to +50*	+5 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.

Reaction times and required amounts of catalyst

	Weproof 269 /-thix (at 20 °C, 2% catalyst)
Pot life	approx. 15 min
Rainproof	approx. 45 min
Can be walked on/overcoated	approx. 1.5 hours
Curing time	approx. 3 hours

Higher temperatures or greater proportions of catalyst will reduce reaction times, while lower temperatures and smaller proportions of catalyst will increase reaction times.
The following table indicates the recommended amount of catalyst required to adjust the curing reaction to the temperature.

Product	Substrate temperature in °C; required amounts of Wekat 900 in % w/w (guide)												
	-10	-5	+3	5	10	15	20	25	30	35	40	45	50
Weproof 269 /-thix	-	-	-	4%	3%	2%	2%	2%	1%	1%	1%	1%	1%

Consumption rates

- As fixing layer (without fleece) approx. 1.60 kg/m²
- On vertical surfaces (-thix variant) approx. 1.20 kg/m²

Technical data

Density:
Weproof 269 /-thix 1.37 g/cm³

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Product application



Application equipment / tools

For mixing the product:

- Mixing tool with twin-paddle stirrer

For applying the product:

1. Notched rubber squeegee with triangular teeth (6 mm high, e.g. Polyplan notch size no. 57 E06)
2. Metal spiked roller

Substrate to be coated

Weproof 269 can be applied either to the hardened WestWood Primer or to the hardened Weproof 264, as required.

Weproof 269 / -thix:
Use Weproof 269 for horizontal and slightly sloping surfaces. For vertical and steeply sloped surfaces use Weproof 269 thix (e.g. upstands on details).


Mixing

First stir the contents of the container thoroughly, then add the catalyst while stirring with a slow-speed stirrer and mix for 2 minutes. Make sure that the product on the base and sides of the container is also mixed in.
At product temperatures < 10 °C the product should be stirred for at least 4 minutes, as the catalyst will take longer to dissolve.

Application

Use the notched rubber squeegee to apply an even layer of the mixed material (at least 1.6 kg/m²). Immediately afterwards – while this layer is still liquid – go over the entire area with the spiked roller.

Preparation for subsequent layers:

Surfacing supplied by others and applied subsequently:

- Fully bonded surfacing (e.g. tiles)
  If a fully bonded tiled surface supplied by others is to be installed, Weproof 264 with embedded fleece must be used for the waterproofing layer.
  Once the waterproofing layer has hardened, apply a covering coat of Weproof 269, as described above (approx. 1.6 kg/m²) and top with a generous amount of sand while still wet (quartz sand 1.0 - 2.0 mm).
  Vacuum off the excess/loose sand after the surface has hardened.
  The sand topping creates the necessary roughness (key) for the subsequent application of surfacing supplied by others.
  Never apply the topping to the first coat of primer. Use only dry quartz sand.

b) Loose-laid surfacing (e.g. stone slabs)
   Once the waterproofing has cured, apply an additional covering layer of Weproof 269 (approx. 1.6 kg/m²) in the same way.

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This protects the waterproofing layer against the mechanical loads of the surfacing supplied by others.

Cleaning

If work is interrupted or when it is completed, clean the tools thoroughly with WestWood Cleaning Agent within the pot life of the material (approx. 10 minutes). 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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