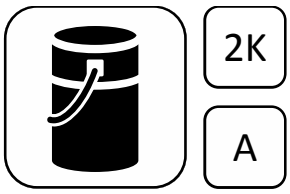
WestWood®
Qualität + Erfahrung

Product information sheet

Weproof 264/-thix
Waterproofing, flex coat



Brief description
Weproof 264/-thix is a high-grade, highly flexible, low-odour PMMA-based waterproofing resin for Weproof systems. It is used for the durable and reliable waterproofing of buildings. Depending on crack-bridging requirements, it can be applied either with or without fleece reinforcement (in conjunction with Weproof 269). Due to its low-odour properties during application, this waterproofing product is also suitable for odour-sensitive areas. Its liquid application allows seamless waterproofing systems to be applied to large areas, and even the most complex roof penetrations and upstands to be securely incorporated.

Material

2-component, fast-reactive, highly flexible and low-odour, PMMA-based (polymethyl methacrylate) waterproofing resin

Properties and advantages

- Highly flexible and crack-bridging even at extreme sub-zero temperatures
- Can also be used without fleece reinforcement (in conjunction with Weproof 269)
- Low-odour
- Permanently weather-resistant (UV-, hydrolysis- and alkali-resistant)
- Fully bonded to the substrate, therefore no flow paths for water
- Easy and fast application
- The most complex roof penetrations can be securely incorporated in the seamless waterproofing system
- Fast-curing
- Can be applied to almost all substrates, including variable substrates (when combined with WestWood Primers)
- Solvent-free
- AbP for the waterproofing of buildings (as part of the Weproof system)

Areas of application

Weproof 264/-thix is a product that belongs to the Weproof system and is used for the waterproofing of buildings. As part of the Weproof system it serves as a highly flexible waterproofing layer and is applied either with or without fleece reinforcement, depending on the crack-bridging requirements. Without fleece reinforcement it is always applied in conjunction with a subsequent layer of Weproof 269. It is used to waterproof main areas and details on garages, bridges, balconies, terraces and access balconies.

Differences between Weproof 264 and 264 thix

Weproof 264 thix is a variant of 264 that is made more viscous / thixotropic to reduce run-off when applied to sloping and vertical surfaces. It is therefore used primarily for the waterproofing of details.

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Packaging


Weproof 264/264-thix is supplied with Weplus 900 Catalyst.

Summer:		Winter:	
10,00 kg	Weproof 264 (resin)	10,00 kg	Weproof 264 (resin)
0,20 kg	Weplus 900 Catalyst (2 x 0,1 kg)	0,40 kg	Weplus 900 Catalyst (4 x 0,1 kg)
10,20 kg		10,40 kg	

Sommer:		Winter:	
25,00 kg	Weproof 264 (resin)	25,00 kg	Weproof 264 (resin)
0,50 kg	Weplus 900 Catalyst (5 x 0,1 kg)	1,00 kg	Weplus 900 Catalyst (10 x 0,1 kg)
25,50 kg		26,00 kg	

Colours

Weproof 264/-thix is colored telegrey 4 (RAL 7047).

Storage

Store 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 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 264/-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.
The surface must be protected from moisture until the coating has hardened.

Reaction times and required amounts of Weplus 900 Catalyst

	Weproof 264/-thix (at 20 °C, 2 % Weplus 900 Catalyst)
Pot life	approx. 15 minutes
Rain-proof after	approx. 45 minutes
Can be walked on / overcoated after	approx. 1.5 hours
Curing time	approx. 3 hours

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Higher temperatures or greater proportions of Weplus 900 Catalyst will reduce reaction times, while lower temperatures and smaller proportions of Weplus 900 Catalyst will increase reaction times.
The following table indicates the recommended amount of Weplus 900 Catalyst required to adjust the curing reaction to the temperature.

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

Consumption rates

- As flexible layer (without fleece) in the Weproof system — at least 1.60 kg/m²
- As reinforced layer (with fleece) in the Weproof system — at least 2.40 kg/m²
- As sole waterproofing with fleece — approx. 3.20 kg/m²

Technical data

Density:
Weproof 264 1.57 g/cm³

Product application




Application equipment / tools
For mixing the product:
- Twin-paddle stirrer

For applying the product:
a) Application without fleece
- Rubber squeegee with serrated edge (6 mm thick, notch spacing 7 mm, e.g. Polyplan notch size no. 7) and
- Metal spiked roller

b) Application with fleece
- Sheepskin roller

Substrate to be coated
Apply the waterproofing resin to the cured WestWood Primer or suitably prepared substrate.

Weproof 264/264-thix:
Use Weproof 264 for waterproofing horizontal areas. Weproof 264 thix is used for vertical surfaces (e.g. upstands on details applied with fleece)).


Mixing
Start by stirring resin thoroughly. Now add the Weplus 900 Catalyst while still stirring at slow speed and mix for 2 minutes. Make sure that the product on the base and sides of the container is mixed in.
At product temperatures < 10 °C the product should be stirred for 4 minutes, as the Weplus 900 Catalyst will take longer to dissolve.

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Application

a) Waterproofing with embedded fleece

Apply a generous and even layer of the mixed material to the entire area (at least 1.8 kg/m^2), then immediately embed the WestWood Fleece and use a sheepskin roller to remove any air bubbles. Apply the remaining material directly (wet on wet) up to the required consumption rate. In each case use a sheepskin roller to spread the material over the surface.
Fleece overlaps must be at least 5 cm wide.

b) Waterproofing without embedded fleece (only in conjunction with Weproof 269)
Use the serrated-edge rubber squeegee to apply an even layer of the mixed material (at least 1.6 kg/m^2). Immediately afterwards – while this layer is still liquid – go over the entire area with the spiked roller.
Once this layer has hardened, apply another even layer of at least 1.6 kg/m^2 Weproof 269 in the same way, again using the serrated-edge tool, then immediately go over the area with the spiked roller.

Preparation for subsequent layers:
None required

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 (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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