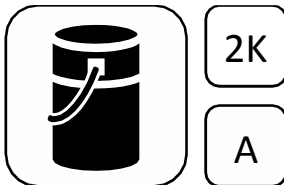


Wecryl 235 /-thix

Waterproofing underneath surfacing supplied by others



Material

Brief description

Wecryl 235 / -thix is a high-grade PMMA-based waterproofing resin for main areas with fleece reinforcement underneath surfacing supplied by others. Its liquid application makes the seamless waterproofing of main areas possible.

2-component, fast-reactive, flexible PMMA-based (polymethyl methacrylate) waterproofing resin

Properties and advantages

- Cost-efficient solution for waterproofing floor areas without cracks or with only hairline cracks underneath surfacing supplied by others, for example tiles, marble, stone plates, etc.
- Designed and approved to be used in swimming pools and wet rooms
- Permanently weather-resistant (UV-, hydrolysis- and alkali-resistant)
- Fully bonded to the substrate, therefore no flow paths for water under the membrane
- Easy and fast application
- Fast-curing
- Can also be applied at sub-zero temperatures
- Can be applied to almost all substrates, including variable substrates (when combined with WestWood Primers)
- Solvent-free

Areas of application

Wecryl 235 / -thix is suitable for waterproofing floor areas without cracks or with only hairline cracks underneath surfacing supplied by others (e.g. tiles). It is used in conjunction with Weplus fleece reinforcement for the waterproofing of main areas. It is not suitable for waterproofing expansion joints.

Differences between Wecryl 235 and Wecryl 235 thix

Wecryl 235 thix is a variant of Wecryl 235 and is made more viscous / thixotropic to reduce run-off when the waterproofing resin is applied to sloping and vertical surfaces. It is therefore used primarily for the waterproofing of details.

Packaging



Summer:		Winter:	
25.00 kg	Wecryl 235 / -thix	25.00 kg	Wecryl 235 / -thix
<u>0.50 kg</u>	Weplus catalyst (5 x 0.1 kg)	<u>1.00 kg</u>	Weplus catalyst (10 x 0.1 kg)
25.50 kg		26.00 kg	

Colours

Wecryl 235 / -thix is available in the following standard colours:
7032 Pebble grey

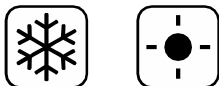
Storage

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.

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Application conditions



Temperatures

The product can be applied within the following temperature ranges:

Product	Temperature range, in °C		
	Air	Substrate*	Material
Wecryl 235 /-thix	-5 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 $\leq 90\%$.

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

	Wecryl 235 /-thix (at 20 °C, 2 % Weplus catalyst)
Pot life	approx. 15 minutes
Rain-proof after	approx. 30 minutes
Can be walked on / overcoated after	approx. 45 minutes
Curing time	approx. 3 hours

Higher temperatures or greater proportions of Weplus catalyst will reduce reaction times, while lower temperatures and smaller proportions of Weplus catalyst will increase reaction times.

The following table indicates the recommended amount of Weplus catalyst required to adjust the curing reaction to the temperature.

Product	Substrate temperature in °C; required amounts of Weplus catalyst in % w/w (guide)												
	-10	-5	+3	5	10	15	20	25	30	35	40	45	50
235	-	-	4%	4%	4%	2%	2%	2%	2%	2%	1%	1%	1%

Consumption rates

- As technical membrane approx. 2.5 kg/m²
- As membrane + covering layer approx. 4.0 kg/m²

Technical data

Density: 1.23 g/cm³

Product application



Application equipment / tools

For mixing the product:

- Twin-paddle stirrer

For applying the product:

- Sheepskin roller
- Brush (only for areas not accessible with roller)

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Substrate preparation

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



Mixing

First stir the tub contents thoroughly.

Then add the Weplus catalyst while stirring the resin at the slow-speed setting 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 catalyst will take longer to dissolve.

Application

Apply a generous and even layer of the mixed material to the entire area (at least 1.5 kg/m²), then immediately embed the Weplus Fleece and use a sheepskin roller to remove any air bubbles. Cover the fleece straightaway (wet in wet) with a second layer of material (at least 1 kg/m², as required). In each case use a sheepskin roller to spread the material over the surface. Fleece overlaps must be at least 5 cm wide.

Preparation for subsequent layers:

Surfacing supplied by others and applied subsequently:

a) Fully bonded surfacing (e.g. tiles)

Once the waterproofing has cured, apply an additional covering layer of Wecryl 235 /-thix (approx. 1.5 kg/m²) and top with a generous amount of sand while still wet (quartz sand 0.7 – 1.2 mm).

Vacuum off the excess/loose sand after the surface has hardened.

The sand topping creates the necessary roughness (key) and absorbency for the subsequent application of surfacing supplied by others.

Never apply the topping to the waterproofing layer. Only use dry quartz sand (e.g. Weplus Quartz Sand).

b) Loose-laid surfacing (e.g. stone slabs)

Once the waterproofing has cured, apply an additional covering layer of Wecryl 235 /-thix (approx. 1.5 kg/m²). 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 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.

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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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