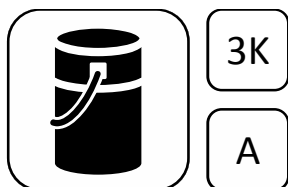


Wecryl 236 (A+B)

Waterproofing for spray application



Brief description

Wecryl 236 (A+B) is a high-grade PMMA-based waterproofing resin for waterproofing main areas together with fleece reinforcement, and has been developed specifically for spray application.

Since the product is applied using airless spray systems, it offers a cost-efficient method for waterproofing large areas.

Used in conjunction with Weplus Fleece.

Material

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

Properties and advantages

- Can be applied using airless spray systems
- Cost-efficient for large-scale projects
- Effective for projects with limited access
- 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 236 (A+B) has been developed for waterproofing large areas. It is applied using an airless spray system for fleece-reinforced waterproofing in conjunction with Weplus Fleece. Typical areas of application include the waterproofing of multi-storey car parks, bridges and roofs. It is not suitable for waterproofing expansion joints.

Packaging



Summer:

115.00 kg	Wecryl 236 A
5.00 kg	Weplus catalyst
<u>120.00 kg</u>	Wecryl 236 B
240.00 kg	

Winter:

115.00 kg	Wecryl 236 A
10.00 kg	Weplus catalyst
<u>120.00 kg</u>	Wecryl 236 B
245.00 kg	

Colours

Wecryl 236 (A+B) is available in the following standard colours:
7001 Silver 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 236 (A+B)	-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 ≤ 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 236 (A+B) (at 20 °C, 2 % Weplus catalyst)
Pot life	approx. 10 minutes
Rain-proof after	approx. 20 minutes
Can be walked on / overcoated after	approx. 45 minutes
Curing time	approx. 2 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
236 A	-	-	6%	6%	6%	6%	4%	4%	4%	4%	2%	2%	2%
236 B	Weplus catalyst must not be stirred into component B!												

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

Product application:

2C airless units that ensure that the components are mixed in equal parts by volume (1:1) can be used as applicator or mixing systems.

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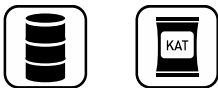
Waterproofing for spray application

Important - please note :

When operating the system, please make absolutely sure that there is **no cross-contamination whatsoever** between the components. It is therefore advisable to keep all containers covered and to colour-code the lids. The components should be spaced as far apart as possible. Use a sheepskin roller to smooth over the material after it has been sprayed onto the surface.

Substrate preparation

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



Mixing

Important - please note!

Please make absolutely sure that any tools and equipment (e.g. mixing tools, brush, stirring rods, hoses) that come into contact with component A never come into contact with component B – and vice versa.

Any mix-up can result in unexpected gelling or curing of the materials, which would stop the applicator unit from working. Ideally any equipment that comes into contact with the material should be colour-coded to avoid such mistakes, e.g. white for component A and blue for component B.

Wecryl 236 A:

Add the Weplus catalyst while stirring with a slow-speed mixer and mix the product for 5 minutes, making sure that all the material on the base and around the edges of the container is mixed in. Since the material has limited storage stability once it is mixed, it should be kept in the shade and applied the same day if possible. Material that has exceeded its storage life or has begun to gel must be discarded.

Wecryl 236 B:

Use a slow-speed mixer to stir (homogenise) the material thoroughly. Weplus catalyst must never be added to component B.

Please note: It is essential that separate stirrers are used for component A and B to exclude the possibility of cross-contamination (contaminating component A with component B and vice versa).

Application

Use the spray gun to apply a first layer of approx. 1.5 kg/m² and distribute evenly with the sheepskin roller. Then roll on the fleece and smooth it over with the roller to remove any bubbles. Immediately afterwards apply a further 1 kg/m² of material (wet in wet) to the fleece and smooth over with the roller.

Fleece overlaps must be at least 5 cm wide.

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Waterproofing for spray application

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 236 (A+B) (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 236 (A+B) (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.

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.

Rev: 18.03.2014