

Product information

Wecryl 337 2C Self-levelling Mortar



Brief description

Wecryl 337 is a flexibilised self-levelling mortar for WestWood waterproofing and surfacing systems that are suitable for pedestrian and vehicular traffic. It is used as a protective coating on top of the waterproofing layer or as a high-build coating.

Material

2-component, rapid-curing, flexibilised and filled PMMA-based (polymethylmethacrylate) self-levelling mortar

Properties and advantages

- Versatile product – can be used as waterproofing protection and high-build layer
- Product for areas exposed to mechanical loads (pedestrians, vehicles)
- More manageable and convenient application quantities
- Time-saving on account of easy mixing process that does not require special equipment
- Fully bonded to the substrate, therefore no flow paths for water
- Easy, rapid, dust-free 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)
- Partial quantities can be applied
- Solvent-free

Areas of application

Wecryl 337 is used as a protective or high-build coating. Its load-distributing effect protects the waterproofing layer against the impact of traffic. In the case of areas subject to mechanical loads and that are either free from cracks or have only hairline cracks, it is used as a high-build coating without the waterproofing layer. Furthermore it is used as an equalising mortar under WestWood systems to smooth over damaged patches and up to 10 mm height differences. Essentially it can be used in the same way for waterproofing balconies and multi-storey car parks.

Pack size



Wecryl 337 is supplied with Weplus catalyst for WestWood PMMA resins.

Summer:
15.00 kg Wecryl 337
0.10 kg Weplus catalyst (1 x 0.1 kg)
15.10 kg

Winter:
15.00 kg Wecryl 337
0.30 kg Weplus catalyst (3 x 0.1 kg)
15.30 kg

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Colours

Wecryl 337 is available in the following standard colour:
RAL 7035 Light 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.

Application conditions



Temperatures

The product can be applied within the following temperature ranges:

Product	Temperature range, in °C		
	Air	Substrate*	Material
Wecryl 337	-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.

Humidity and 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 337 (at 20 °C, 0.6 % catalyst)
Pot life	approx. 17 minutes
Rain-proof	approx. 30 minutes
Can be walked on / overlaid	approx. 1 hour
Cured	approx. 3 hours

Higher temperatures or greater proportions of catalyst will shorten reaction times, while lower temperatures and smaller proportions of catalyst will extend 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 catalyst in % w/w (guide)													
	-10	-5	+3	+5	10	15	20	25	30	35	40	45	50	
Wecryl 337	-	-	1.8%	1.8%	1.2%	1.2%	0.6%	0.6%	0.6%	0.4%	0.4%	0.4%	0.4%	

Consumption

approx. 4.00 kg/m² on a smooth substrate

Technical data

Density:

Wecryl 337

1.74 g/cm³

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Product application



Application equipment / tools

For mixing the product:

- Twin-paddle stirrer

For applying the product:

- Coating trowel with triangular teeth (notch pattern 92) or
- Smoothing trowel

Substrate to be coated

The self-levelling mortar can be applied either to the cured WestWood Primer or to the cured waterproofing layer, as required.



Mixing

First stir the self-levelling mortar thoroughly. Then add the catalyst while stirring 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 catalyst will take longer to dissolve.

Application

Use the notched trowel to apply an even coat of the mixed self-levelling mortar (approx. 4.00 kg/m²).

Preparation for subsequent layers

Surfacing supplied by others and applied subsequently:

Fully bonded surfacing (e.g. tiles)

Immediately after applying the self-levelling mortar and while it is still liquid, top with a generous amount of sand (quartz sand ≥ 0.2 – 0.6 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.

Only dry quartz sand must be used.

Cleaning

When work is interrupted or 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.

Just 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

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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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