

Wecryl 825 PMMA Rapid Screed



Brief description

Wecryl 825 is used to make a heavy-duty mortar that can be applied as a rapid-setting screed for balconies, terraces and access galleries.

The specially designed sand component produces a mortar with excellent non-sag properties, making it suitable for creating gradients as well as for renovations and for repair work.

Material 2-component, fast-curing, PMMA-based (PMMA = polymethyl methacrylate) flooring screed and sloping mortar

Properties and advantages

- Easy to apply
- Fast-curing
- Stable
- Hydrolysis- and alkali-resistant
- Solvent-free
- Preconfigured container sizes for reliable mixing ratios
- Powder hardener (catalyst) is already contained in the sand mix
- 10 - 50 mm layer thickness in a single application
- CE-certified according to DIN EN 13813, classification: SR-C90-F25-A9

Areas of application Wecryl 825 is used as a PMMA-based flooring screed and to make a heavy-duty mortar that can be applied to balconies, terraces and access galleries prior to the application of fully fleece-reinforced WestWood waterproofing systems. Wecryl 825 can only be bonded to primed, mineral substrates.

Pack size

Combi pack:		
2.50 kg	Wecryl 825 Resin	(metal drum)
<u>25.00 kg</u>	Wecryl 825 Screed Sand	(plastic tub)
27.50 kg		

Colours 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 3 months after delivery. Avoid exposing the containers to direct sunlight or storage in a warm place (> 30 °C), e.g. on site. If only some of the contents are removed, 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 825 (mix)	+3 to +35	+3 to +40*	+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.

The surface must be protected from moisture until the coating has hardened.

Reaction times and required amounts of catalyst

	Wecryl 825 (at 20 °C)
Pot life	approx. 15 min
Rainproof	approx. 30 min
Walkable/overlayable	approx. 30 min
Fully cured	approx. 2 h

Consumption rates

approx. 21 kg/m² per cm layer thickness

Technical data

Layer thicknesses: 10 - 50 mm per application
 Density (finished screed): approx. 2.1 g/cm³
 Areas > 20 m²: Incorporate construction joints to subdivide the area.

Product application



Application equipment / tools

For mixing the product:

- Compulsory mixer with spiral mixer head

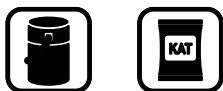
For applying the product:

- Smoothing trowel, PU float

Substrate preparation

The mortar is applied on top of the hardened WestWood Wecryl Primer.

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Mixing

Stir the resin component and transfer to a mixing bucket. Add the sand mix while stirring slowly (compulsory mixer with spiral stirrer) and stir thoroughly for at least 3 minutes. The mixture must be completely smooth and without any lumps. Make sure that the product on the base and sides of the container is incorporated.

Attention: Catalyst does not need to be added. The catalyst is already included in the sand component.

Application

Pour the mortar onto the primed surface, compact and smooth over immediately. You can use a level or gauge to check that the layer thickness and gradient meet the specific requirements. The mortar can be applied in layer thicknesses of up to 50 mm in a single operation.

Construction joints should be incorporated to subdivide areas of more than 20 m² or complex geometries into separate sections. A screed decoupling strip must be installed around Wecryl 825 at upstands, e.g. walls, parapets or similar. Please take existing joints into account.

Important: Please make sure that the mortar is worked well into the corners (compacted).

Preparation for subsequent layers:

Wecryl 825 must be even, dry and free from adhesion-reducing substances. It may only be overlaid with Wecryl waterproofing systems.

In the event of rain, please ensure that the Wecryl 825 surface is sufficiently dry before work is continued (e.g. by using a blower).

Cleaning

When work is interrupted or completed clean the tools thoroughly with WestWood Cleaning Agent within the pot life of the material. 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 applicator to test the product 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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