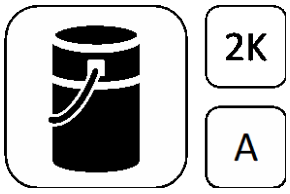
Product information sheet

Weseal 815
Fibre-reinforced surfacer



Brief description
Weseal 815 is a highly flexible, fibre-filled waterproofing product for sealing minor penetrations, e.g. screws. It allows these penetrations to be waterproofed and incorporated safely into the main-area waterproofing system.

Material

2-component, fast-curing, highly flexible, thixotropic and fibre-filled waterproofing material

Properties and advantages

- Reliable incorporation of small, geometrically complex shapes in the seamless WestWood waterproofing system
- Highly flexible, even at extreme sub-zero temperatures
- Permanently weather-resistant (UV-, hydrolysis- and alkali-resistant)
- Fully bonded to the substrate, therefore no flow paths underneath for water
- 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

Weseal 815 is used for the waterproofing of small, geometrically complex details with limited crack movement, e.g. screw heads or material interfaces where there is little movement.
Its use is restricted to the waterproofing of details that cannot be sealed using fleece-reinforced WestWood waterproofing products on account of the geometric shape of those details. With Weseal 815 these details can be securely incorporated in the fleece-reinforced waterproofing for the main area.

Pack size


Summer:		Winter:	
5.00 kg	Weseal 815	5.00 kg	Weseal 815
0.20 kg	Wekat 900	0.30 kg	Wekat 900
5.20 kg		5.30 kg	

Summer:		Winter:	
10.00 kg	Weseal 815	10.00 kg	Weseal 815
0.30 kg	Wekat 900	0.60 kg	Wekat 900
10.30 kg		10.60 kg	

Colours

RAL 7032 Pebble grey

Storage

Store the product sealed in its 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.

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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
Weseal 815	-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

	Weseal 815 (at 20 °C, 2% catalyst)
Pot life	approx. 10 min
Rainproof	approx. 20 min
Can be walked on/ overcoated	approx. 45 min
Curing time	approx. 2 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 Wekat 900 in % w/w (guide)												
	-10	-5	+3	+5	10	15	20	25	30	35	40	45	50
Weseal 815	-	-	6%	6%	4%	4%	2%	2%	2%	2%	2%	2%	2%

Consumption rates

1.4 kg/m² per mm layer thickness

Technical data

Density: 1.22 g/cm³

Product application


Application equipment / tools

For mixing the product:
- Mixing tool with twin-paddle stirrer

For applying the product:
- Brush

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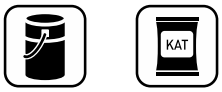
Apply the waterproofing resin to the cured WestWood primer or to the suitably prepared substrate.



Mixing
First stir the tub contents thoroughly.
Then add the 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 also 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 a brush to apply a thick layer to the detail to be waterproofed and smooth over as evenly as possible. Make sure that a layer thickness of at least 1.5 mm is achieved in all areas. If necessary, apply a second layer once the first one has hardened.

Preparation for subsequent layers:
None required

Cleaning

If work is interrupted or when it is completed, clean the tools If work is interrupted or when it is completed, clean the tools thoroughly with WestWood 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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