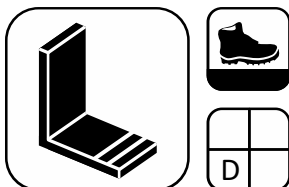


Wecryl Reflect Roof



Brief description

The Wecryl Reflect Roof coating system possesses light-reflecting and heat-reflecting properties, thereby preventing roof-mounted installations from heating up when exposed to sunlight. In addition the system is fire-retardant.

Properties and advantages

- Reflects heat and light
- Prevents excessive heating of the substrate
- Resistant to flying brands and radiant heat (hart roof) $B_{ROOF} (t1)$
- Resistant to most commonly used acids and alkali solutions
- Permanently weather-resistant (resistant to high and low temperatures, UV rays, hydrolysis)
- Easy and fast application
- Fast-curing
- Solvent-free

Applications

The Wecryl Reflect Roof coating system is designed to be used as light-duty surface protection on flat roofs.

Application conditions



Temperatures

The system can generally be applied within an ambient temperature range between +3 °C and +35 °C. Many products are also suitable for application at sub-zero temperatures. Please refer to the table below for exact details.

Product	Temperature range, in °C		
	Air	Substrate*	Material
Primer layer			
Wecryl 114	-5 to +35	-5 to +50*	+3 to +30
Wearing layer			
Wecryl 484	-5 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.

The substrate temperature must not be less than +3 °C if a topping is applied to a product on the surface. Reaction problems can occur at lower temperatures.

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.

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Consumption and reaction times

	Consumption [kg/m ²]	
Primer layer	Substrate smooth	slate-covered
Wecryl 114	approx. 0.4	approx. 0.6 to 0.8
Wearing layer	Substrate smooth	
Wecryl 484	approx. 0.6 - 0.8	

	Reaction time (approx. values at 20 °C)			
	Pot life	Rainproof	Overlayable	Curing time
Wecryl 114	10 min	30 min	45 min	3 hours
Wecryl 484	15 min	45 min	60 min	3 hours

Application tools



Product	Application tool
Wecryl 114	Sheepskin roller
Wecryl 484	Finish roller

Substrate preparation and primer selection

Correct substrate preparation and a flawless primer coating are essential for ensuring the functional durability of the WestWood® System.

Generally, the substrate must be sound, dry, and free from loose and adhesion-reducing particles. That is why coats of paint, cement slurry, dirt and grease, for instance, must always be removed completely.

The primer coating then applied creates an ideal barrier and enables optimum adhesion between the waterproofing substrate and the WestWood® System.

Please refer to the Application Guidelines - Substrate for the correct substrate preparation.

Primer layer

The substrate must always be prepared before the primer is applied. The primer coating should always cover a little more area than the products applied subsequently, i.e. the finish applied later must not extend beyond the primer at any point.

Wecryl 114 - Primer for the Reflect Roof system

Use the sheepskin roller to apply an even film-forming coat of primer. Avoid creating puddles of primer.

Once the coating has cured, apply a second coat to cover any defects (bubbles, areas not fully coated).

Wearing layer

Wecryl 484 - Finish, reflective

Use the finish roller to apply an even layer of the mixed material (approx. 0.6 kg/m²) to the cured primer. Avoid fluctuating layer thicknesses.

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.

The tools are ready to be used again as soon as the cleaning agent has evaporated fully.

Cleaning the tools

Wecryl Reflect Roof

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.

Appendix

System drawing

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Wecryl Reflect Roof

Substrate

1 Roof waterproofing membrane

Primer layer

2 Wecryl 114

Wearing layer

3 Wecryl 484

