

CVC™ RP

Ready Plaster With Perlite

Product Description	This is a durable and long-lived, and universal, interior and exterior facade ready plaster that is prepared with reinforcement of environment-friendly chemicals, gray cement and perlite. This product is perfectly water vapor permeable and can be applied either manually or by means of a plaster machine.	
Product Number	504	
Areas of Application	<ul style="list-style-type: none"> • Interior and exterior facades • On walls and ceilings, especially on brute concrete surfaces • Used as sub-plaster under ceramic tiles and marble adhesives • On columns, girders, and concrete walls that also bear load, • As a base for thin applications of adhesives for ceramic tiles or marbles, • On foundation levels and below foundation levels where the sun exposure is not present • Used as sub-plaster for all fine plasters and decorative plasters 	
Product Advantages	<ul style="list-style-type: none"> • CVC RP does not get affected by water. Resistant to external effects and frost • CVC RP prevents sweating and molding. Retains the value of the structure it is applied • CVC RP can be applied by hand and or by plastering machines • CVC RP allows the facade to breath comfortably since the vapor permeability is high • The adherence is impeccable • Used as under plaster for all fine plasters and decorative plasters • Used as sub-plaster under ceramic tiles and marble adhesives • Used as sub or finishing plaster for mineral and organic-based plasters 	
Technical Data	Color	Grey
	Packaging	35 kg craft bags
	Density	1.6 kg/l (powder)
	Environment Temperature for Application	Surface temperature between +5°C/ +3
	Run Duration	Approximately 120 minutes
	Service Temperature	-20°C/ +80°C
	Compressive Strength	> 2 N/mm ² (28 days)
	Bending Strength	> 1 N/mm ² (28 days)
	Adhesion Strength	> 0.5 N/mm ² (28 days)
	Consumption	Dependent on surface conditions. For 1mm thickness approximately 1.6 kg/m ² powder
	Storage	Shelf life is maximum 6 months, they should be kept dry and cool on wooden pallets, and maximum 6 bags should be stocked on each other
Surface Preparation	<p>Dust, residues, weak surfaces and substances with splitting property should be removed from the application surface. Dry and absorptive surfaces should be slightly dampened beforehand. Highly absorptive surfaces such as aerated concrete and pumice brick should be primed with CVC primer.</p> <p>In to 11-12 kg clean and cool water 35 kg of CVC RP is mixed with an electricity hand mixer it is mixed for 3-4 minutes until a homogenous mix is obtained and is left to rest for 5 minutes. Matured substrate is mixed one more time and it is ready to use. Never add water in to the powder. Application is recommended to carry out at +5 to +35 °C. CVC RP should be applied in 10-15 mm thickness and in one layer with a steel trowel, piston engine or helical plastering machine. In the surfaces that need 15 mm or thicker plaster, CVC RP should be applied in two layers. In surfaces that require an</p>	

application thicker than 15 mm, wait for the first layer of **CVC RP** to dry completely for about 4-5 days before starting the second layer application. After this resting period, the second layer in 10-15 mm thickness is applied by using plaster mesh when needed. When the last layer plaster settles enough and becomes plastic consistency (60-70 mins. later), it is checked with a face mould again. When the surface becomes too hard to float, it is smoothed with a spatula or steel trowel. The triphylined surface is smoothed by pressing with a steel trowel again within 10-15 minutes until it becomes as smooth and shiny as glass. In the meantime, triphylining the surface more than needed or pressing the trowel too hard in order to polish the surface may cause rough grain sand in the plaster to spurt out and accordingly roughness on the surface.

For a smoother and glass like surface we recommend for you to use **CVC Satin Plaster**. After the surface is cured you may apply any color or facade coating.

The surface becomes ready for the paint 7 days after the plaster application.

Points to Pay Attention

- The prepared substrate must be used within 2 hours.
- During application the environment must be wind and direct sunlight free.
- It is imperative that the surface is saturated with water.