

Armatop Carbon

Organically bound, carbon-fibre-containing paste for wall bases

Areas of application	Organically bound paste for wall bases for coating and reinforcing wall base areas. The addition of carbon-fibre allows high impact-resistant and extremely resistant surfaces to be achieved.	
Product properties	<ul style="list-style-type: none"> ■ Extremely tough, with an impact strength of up to 30 Joule ■ Highly flexible ■ Weather-resistant ■ Water-vapour permeable ■ Ready to apply 	
Technical data	Binder base	Polymer dispersion
	Apparent density of set mortar	approx. 1,3 g/cm ³
	Diffusion-equivalent air-layer thickness (6 mm)	s _d : approx. 0,5 m to DIN EN ISO 7783 Guaranteed limit: s _d ≤ 2,0 m
	Water permeability	w: approx. 0,04 kg/(m ² h ^{1/2}) to DIN EN 1062 Guaranteed limit: w ≤ 1,0 kg/(m ² h ^{1/2})
Application instructions	Preparation	- Use masking tape to cover window sills and mounted parts.
	Substrate pre-treatment	- All substrates must be sound, even, clean and free from adhesion-reducing residue.
	Mixing	Ready for application Stir with electric stirrer and if necessary add a little water to adjust mixture to correct consistency for application.
	Application	1 st layer - impact protection Apply approx. 3 - 5 mm Armatop Carbon to create the impact protection layer. Avoid leaving trowel marks and smooth over. Place the universal - Aero mesh with an overlap of 10 cm and smooth over with a trowel. Wait for 2 - 5 days, depending on the weather conditions and layer thickness, for the first layer to dry before applying the second layer. A longer interval may be required in poor weather conditions, e.g. conditions of high humidity.

Application instructions	Application	<p>2nd layer - reinforcement</p> <p>Make sure that the first layer of Armatop Carbon has dried out sufficiently. Use a stainless steel trowel to apply Armatop Carbon in layer thickness of approx. 2 - 4 mm. Embed the universal - Aero mesh with a 10 cm overlap and smooth over with a trowel.</p> <p>If applying two coats we recommend an average overall layer thickness of approx. 6 mm.</p> <p>Armatop Quattro with the appropriate mesh can also be used as the second layer if the wall base is to be flush with the facade.</p> <p>Finish coat</p> <p>Once it has dried sufficiently, Armatop Carbon must be coated with a finishing coat, e.g. a silicone resin render or paint system.</p>
	Consumption	<p>approx. 1,4 kg per mm layer thickness per m²</p> <p>Determine the exact amount of material required by coating a test area on site.</p>
	Information about the weather	<p>The temperature must not fall below + 8 °C during application and drying.</p> <p>Do not apply in direct sunlight.</p> <p>Please note that the setting time is reduced in windy conditions.</p>
	Drying time	<p>Dependent on temperature and relative humidity</p> <p>At unfavourable weather conditions, for example high humidity, even longer.</p>
	Cleaning of tools	<p>With water while product is still fresh</p>
	Application by machine	<p>Please ask for our special information sheet on machine application.</p>
Packaging	Packaging unit	<p>PP tub approx. 20 kg net</p>
	Colour	<p>Natural white, coloured products on request</p>
Other information	Transport	<p>Not a hazardous product</p>
	Storage	<p>Storage life approx. 3 months if kept cool, protected against frost and in the original sealed packaging.</p>
	Information on safety	<p>We will be pleased to provide the EC safety data sheet on request.</p>