

CVC 2B

Rubber and Bitumen Based Two Component Water Proofing

Product Description	Rubber-Bitumen based two component, special fiber added and waterborne, elastic water proofing material that is resistant to aggressive affects of soil.		
Product Code	609		
Areas of Application	<ul style="list-style-type: none"> • Water canals and drainage piping • Retaining walls, especially below soil • Foundation bundling, basements, and piles • Kitchens, balconies, bathrooms, swimming pools, and decorative pools • Terraces and balconies • Repairs of bitumen membranes • For adhesion of EPS • Can be used on horizontal and vertical under soil 		
Characteristics/ Advantages	<ul style="list-style-type: none"> • Water borne can be applied on humid surfaces • Due to low density can obtain relative thickness with less material when compared with other materials • Can be applied on clay bricks without the need of plaster • It is elastic and hides cracks. During settling, hides hairline cracks and provides impermeability. • Resistant to mechanical impacts. With the aid of CVC Textile Membrane higher compressive strengths resistance can be obtained. • Contains high chemical resistant fibers • Resistant to all aggressive affects of soil • Can be applied on concrete, plaster, clay brick walls, bitumen membrane, tar, asphalt, metal, wood, chip board, various plastics (CTP. PVC, etc.) aerated concrete, and cement based panels • Excellent adherence, and resistance • Since it can be applied as a thick layer in single stage labor wise and time wise it is economical • Easy to prepare and apply (brush, trowel, or by spraying) • Easy to apply on vertical and horizontal surfaces • Enables a seamless waterproofing • After it cures has an excellent resistance to frost and water 		
Technical Data	Packaging	A Component 24 kg liquid B Component 8 kg powder	A+B= 32 kg set
	Appearance	Liquid: Brown-Black, thick Powder: Gray	
	Density	Mixture density ~1,14 ±0,02 kg/l at 20°C	
	Surface and Ambient Temp.	+5°C / +35°C	
	Service Temp.	-20°C / +70°C	
	Curing Time	~24-48 hours at 20°C	
	Elongation	~%100	
	Pot Life	~40 minutes at 20°C	
	Storage	Shelf life is ~12 months. Store product in a cool and dry place.	
Surface Preparation and primer application	<p>Surface Preparation: Substrate must be cleaned of off loose particles oils and other chemicals. The repairs on the substrate must be done with an appropriate CVC Repair Mortar.</p> <p>Primer: For a sound application, CVC 2B liquid component can be diluted 1/10 ratio and applied on the surface via a hard brush. Wait until it dries before applying CVC 2B Consumption is approximately 200-250 gram/m². On surfaces that have segregation and pores, the surface must be repaired before priming. Otherwise, the humidity that is trapped in the pores can generate bubbles.</p>		

Corners, Cold Joints and Dilatation Insulation	<p>Outer, Inner and Flat Corners:</p> <p>Wall-Flooring joints must be insulated 24 hours before the application. Application can be done with the aid of CVC EST Elastic Joint Sealing Tapes. (Ref. CVC EST TDS)</p> <p>Dilatation and Cold Joint Insulation:</p> <p>All dilatations and cold joints must be filled with an elastomeric grout filling. Dilatations must be insulated with a CVC EST Dilatation Accordance with regulation. (Ref. CVC EST Dilatation TDS)</p>															
Preparation and Application Procedure	<p>Liquid component of CVC 2B is mixed with a low revolution mixer prior to adding the powder component. The powder component is added into the liquid component, and is mixed until a homogeneous mixture is obtained. The mixture is applied with a roller, brush, or a low pressure sprayer.</p> <p>In a single layer 2-5 mm thickness can be applied. For multi layer applications complete curing in between layers is necessary.</p> <p>When higher compression strength requirements with the aid of CVC Textile Membrane, fiber glass, felting, netting excellent results can be obtained.</p> <p>For applications with reinforcement initially one layer of CVC 2B is applied and the reinforcement is applied on wet product. The following layers are applied to attain the desired thickness.</p> <p>Note: Each layer must cure before the second layer is applied.</p>															
Consumption	<p>Single layer 2-5 mm. Thickness may vary according to project requirements.</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="width: 40%;">Area of Application</th> <th style="width: 30%;">Dry Film Thickness</th> <th style="width: 30%;">Amount</th> </tr> </thead> <tbody> <tr> <td>Substrate Humidity</td> <td style="text-align: center;">2 mm</td> <td style="text-align: center;">3,0 kg /m²</td> </tr> <tr> <td>Water w/o Pressurized</td> <td style="text-align: center;">3 mm</td> <td style="text-align: center;">4,5 kg /m²</td> </tr> <tr> <td>Temporary Water Pressurized</td> <td style="text-align: center;">4 mm CVC TM Membrane</td> <td style="text-align: center;">6,0 kg /m²</td> </tr> <tr> <td>Continuous Water Pressurized</td> <td style="text-align: center;">4 mm CVC TM Membrane</td> <td style="text-align: center;">6,0 kg /m²</td> </tr> </tbody> </table>	Area of Application	Dry Film Thickness	Amount	Substrate Humidity	2 mm	3,0 kg /m ²	Water w/o Pressurized	3 mm	4,5 kg /m ²	Temporary Water Pressurized	4 mm CVC TM Membrane	6,0 kg /m ²	Continuous Water Pressurized	4 mm CVC TM Membrane	6,0 kg /m ²
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Warning	<ul style="list-style-type: none"> CVC 2B has a great adherence after the water evaporates. However, if this product is used on the negative side this product will not perform just as well. In different environments, application methods the curing times may vary. Cannot apply on frozen and wet surfaces Fresh applications must be protected from frost, rain, dew, and water until it cures 															
General Conditions	<p>The above mentioned information was obtained with our careful research and experimentation in order to guide the application. Variety of materials and construction conditions cannot be controlled or affected individually. Incidents beyond our control are only limited to warranty on product quality. No warranties on application are implied other than manufactured product. This technical data sheet nullifies any prior technical data sheet. The quality and performance of the product is relative to the utilization technique. In case of a doubt a small test or getting technical support is recommended.</p>															
Disposal	<p>Empty packaging can be disposed of according to local and state regulations, or can be collected in recycling bins. Waste material must be disposed as construction waste after dried completely. Incinerating the waste product is dangerous.</p>															
Safety Information	<p>Keep products out of reach of children. Keep product sealed at all times. Using protective gear such as goggles and gloves is recommended. In case of skin contact the surface must be cleaned with fresh water and soap. In case of eye contact a physicians must be seen immediately. Further information can be obtained from safety data sheet.</p>															