

# CVC™ GA

## Granite and Natural Stone Adhesive

<b>Product Description</b>	This is cement-based, single component adhesive which has high stability, easy to use and extremely economical. It is used for bonding tiles, ceramics, granite and marble on cement based surfaces like concrete, plaster and screed. C2: Enhanced cement based adhesive.																													
<b>Product Number</b>	403																													
<b>Areas of Application</b>	<ul style="list-style-type: none"> <li>• Used on granite, marble, ceramics, tiles, decorative bricks, glass mosaic, artificial and natural stones where great adherence is desired,</li> <li>• On ceramic tiles that have less absorptive characteristics,</li> <li>• In wet areas such as bathrooms, kitchens, balconies, terraces, swimming pools, and water tanks,</li> <li>• On cement based bricks, bricks, gypsum (with primer) dry wall (with primer), prefabricated lightweight concrete, anhydrite floorings (with primer), floor heating systems, and on existing ceramic surfaces,</li> <li>• On surfaces with floor heating systems, industrial floors, and all surfaces that are susceptible to shrinkage or thermal movements,</li> <li>• On surfaces that has low absorption and primers are not desired,</li> <li>• On structures with vertical and horizontal applications suitable for interior and exterior applications.</li> </ul>																													
<b>Characteristics/ Advantages</b>	<ul style="list-style-type: none"> <li>• CE class: C2</li> <li>• Due to high flexibility suitable for exterior applications.</li> <li>• Extended open time. Class E</li> <li>• Performs great adherence on variant surfaces (Concrete, bricks, natural stones, existing coatings)</li> <li>• Suitable for vertical and horizontal applications.</li> <li>• Resistant to frost and water after cured.</li> <li>• Resistant to vibrations and impacts, shows great adherence.</li> <li>• Performs great adherence on variant surface types such as concrete , cement based mortars, stones, bricks, etc.</li> </ul>																													
<b>Technical Data</b>	<table border="1"> <tr> <td>Powder Color</td> <td>Gray and white</td> </tr> <tr> <td>Packaging</td> <td>25 kg craft bags</td> </tr> <tr> <td>Density (Fresh Mortar)</td> <td>~ 1.75 kg/l (at +20°C)</td> </tr> <tr> <td>Application thickness</td> <td>Min. 3 mm, max.7,5 mm</td> </tr> <tr> <td>Tensile Strength</td> <td>≥1,0 N/mm<sup>2</sup></td> </tr> <tr> <td>Surface and Ambient Temperature</td> <td>+5°C / +35°C</td> </tr> <tr> <td>Open Time</td> <td>20 minutes</td> </tr> <tr> <td>Pot Life</td> <td>Approximately 2 hours (at +20°C)</td> </tr> <tr> <td>Application Tool</td> <td>Notched trowel</td> </tr> <tr> <td>Consumption</td> <td>4-7 kg/m<sup>2</sup> consumption. Consumption varies according to surface conditions, size of material, application technique, etc.</td> </tr> <tr> <td>Walking Time</td> <td>12 hours</td> </tr> <tr> <td>Pedestrian Traffic Time</td> <td>48 hours</td> </tr> <tr> <td>Time for grout application</td> <td>12-24 hours (dependent on floor or wall application)</td> </tr> <tr> <td>Storage/Shelf Life</td> <td>Shelf Life is approximately 6 months. Products must be kept in dry and cool environments. Maximum 6 bags must be stacked on top of each other.</td> </tr> </table>		Powder Color	Gray and white	Packaging	25 kg craft bags	Density (Fresh Mortar)	~ 1.75 kg/l (at +20°C)	Application thickness	Min. 3 mm, max.7,5 mm	Tensile Strength	≥1,0 N/mm <sup>2</sup>	Surface and Ambient Temperature	+5°C / +35°C	Open Time	20 minutes	Pot Life	Approximately 2 hours (at +20°C)	Application Tool	Notched trowel	Consumption	4-7 kg/m <sup>2</sup> consumption. Consumption varies according to surface conditions, size of material, application technique, etc.	Walking Time	12 hours	Pedestrian Traffic Time	48 hours	Time for grout application	12-24 hours (dependent on floor or wall application)	Storage/Shelf Life	Shelf Life is approximately 6 months. Products must be kept in dry and cool environments. Maximum 6 bags must be stacked on top of each other.
Powder Color	Gray and white																													
Packaging	25 kg craft bags																													
Density (Fresh Mortar)	~ 1.75 kg/l (at +20°C)																													
Application thickness	Min. 3 mm, max.7,5 mm																													
Tensile Strength	≥1,0 N/mm <sup>2</sup>																													
Surface and Ambient Temperature	+5°C / +35°C																													
Open Time	20 minutes																													
Pot Life	Approximately 2 hours (at +20°C)																													
Application Tool	Notched trowel																													
Consumption	4-7 kg/m <sup>2</sup> consumption. Consumption varies according to surface conditions, size of material, application technique, etc.																													
Walking Time	12 hours																													
Pedestrian Traffic Time	48 hours																													
Time for grout application	12-24 hours (dependent on floor or wall application)																													
Storage/Shelf Life	Shelf Life is approximately 6 months. Products must be kept in dry and cool environments. Maximum 6 bags must be stacked on top of each other.																													
<b>Substrate Preparation</b>	The substrate must be cleaned of all loose parts, oil and other chemicals and the substrate must be repaired with <b>CVC RM</b> repair mortar. If the temperature of the surface is above 25°C moist the surface. Under normal circumstances use of primer is not necessary. In case <b>CVC Primer</b> should be used.																													
<b>Mixing</b>	<b>CVC GA GRAY-WHITE</b> 25 kg. of powder must be added into about 6,75-7,00 liter of fresh clean water (may vary according to weather conditions, never add water into powdered product) and is mixed for 3-4 minutes with a low revolution mixer until a homogenous mix is achieved.																													

<b>Application Method/Tools</b>	After the mixture is rested for 3-5 minutes it is mixed one final time and is applied with a notched trowel in a unilateral direction. Under normal weather conditions ceramics are adhered within 20 minutes. Depending on the conditions open time can shorten. During the application appropriate grout spacing is obtained and in order to maximize mortar contact a slight compression is applied on the granite. The grout application must be carried out within 12-24 hours dependent on floor or wall application. An appropriate <b>CVC DD</b> grout is recommended.
<b>Points to Pay Attention</b>	<ul style="list-style-type: none"> <li>• Do not use expired products or any packing that has formed crusting. In any circumstance do not add water on to cured mortar. Do not use more water than suggested amount. Adding water to aerated mortar will inhibit the performance of the mortar.</li> <li>• Only apply on rigid surfaces.</li> <li>• Do not exceed the suggested thickness.</li> <li>• Concrete surfaces must be at least 28 days old.</li> <li>• Gypsum surfaces must be at a minimum 10 cm. thickness and maximum 5% humidity level.</li> <li>• Applications must be protected from rain, frost, sunlight and extreme heat for the first 24 hours.</li> </ul>
<b>General Considerations</b>	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.
<b>Disposal</b>	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.
<b>Safety Information</b>	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.