

# Promix AC

Acrylic Polymer Primer For Concrete and Modified Gypsum Plaster

<b>Description</b>	<b>Promix AC</b> is a single component, acrylic polymer primer with very selective quartz aggregates, to protect and promote adhesion for exposed concrete which intended to be covered by cement plaster or gypsum-based plaster
<b>Where to use</b>	<ul style="list-style-type: none"> <li>• Concrete surfaces – indoor / outdoor</li> <li>• Horizontally, vertically, and overhead applications</li> <li>• To increase adherence before applications of cement or gypsum plaster mortars</li> <li>• Protects various surfaces of moisture such as gypsum boards, chipboard, briquette</li> </ul>
<b>Advantages</b>	<ul style="list-style-type: none"> <li>• Colored and easy to use</li> <li>• Provides high adherence</li> <li>• Excellent resistance to ultra violet rays</li> <li>• Excellent sealing properties</li> <li>• Provides resistance to moisture</li> <li>• Non-oxidizing and low odor</li> <li>• Gives a flexible coat with very good bonding force properties</li> <li>• Decreases the consumption of paints and putties</li> <li>• Excellent carbonation shielding</li> </ul>
<b>Properties</b>	
Density	1.5 ±0.05 Kg/L
Appearance	Opaque, white acrylic dispersion
Application temperature	+5 °C / +35 °C
Service temperature	-20 °C / +80 °C
Final curing 25 °C	24 Hours
Dry to re-coat	60 – 90 Minutes
<b>Surface Preparation</b>	<ul style="list-style-type: none"> <li>• Surface must be clean and free of all loose scale, dirt, frost or any foreign substances</li> <li>• Remove all form release agents and curing agents that are not compatible</li> <li>• Rinse the surface with clean water</li> <li>• Do not start application until surface moisture has dissipated</li> <li>• New concrete and masonry surfaces must be fully cured</li> </ul>
<b>Mixing</b>	<ul style="list-style-type: none"> <li>• Stirring is necessary to prevent separation of ingredients before and during application</li> <li>• Dilute with water at a ratio of 1:5 / Water:<b>Promix AC</b> and mix until it's homogeneous</li> </ul>
<b>Application</b>	<ul style="list-style-type: none"> <li>• Apply with a brush, or a textured roller</li> <li>• Apply as a “fog coat”, in a uniform manner, moving in one direction</li> <li>• Use sufficient material to provide uniformity, but avoid build-ups and runs</li> </ul>
<b>Theoretical Coverage</b>	150 – 250 gm/m <sup>2</sup> depending upon porosity and roughness of the surface
<b>Packaging</b>	20 Kg pails 200 Kg drums

Shelf life & Storage	<b>Promix AC</b> has a shelf life of 12 months if kept in original packages in a dry condition
Precaution	<ul style="list-style-type: none"> <li>• Do not apply on frozen or frost filled surfaces</li> <li>• Should be kept from freezing</li> <li>• Avoid working on areas subjected to direct sun and wind</li> <li>• If it should become frozen, thaw out gradually at room temperature</li> <li>• Mix the product regularly to prevent quartz aggregates to settle</li> </ul>
Health and Safety	<ul style="list-style-type: none"> <li>• This product is of low toxicity but normal precautions should be observed</li> <li>• Wear gloves, and if working overhead or spraying, wear goggles</li> <li>• Wash off any skin splashes with soap and water</li> <li>• Irrigating the eye with an eye bathing solution should treat eye contamination</li> <li>• Ensure adequate ventilation in confined spaces and use breathing aids</li> <li>• If ingested, drink milk or plenty of water and seek medical attention</li> </ul>
Additional Information	<p><b>PROKEM</b> provides the construction industry with a comprehensive range of construction chemicals and specialty products answering the queries of modern engineers for trouble free durable structure</p> <p><b>PROKEM</b> designs tailor made products should there be critical application that requires specific properties rather than our main range for our customer's satisfaction</p> <p><b>PROKEM</b> reserves the right to change the properties of its products</p> <p>All orders are accepted subject to our current term of sale &amp; delivery</p> <p>Users must always refer to the most recent issue of the local product data sheet for the product concerned, copies of which will be supplied on request</p> <p><b>PROKEM</b> extends technical services to include after sales support to assist users in a proper handling of our products</p>