

## City Paints Anti-Carbonation AquaGuard Ceiling

**DESCRIPTION:** City Paints AquaGuard Ceiling is a two-component elastomeric acrylic modified cementitious coating that requires only on site mixing to form the ideal product to waterproof and resurface concrete, masonry, and most other construction materials. Simply applied by stiff brush, roller, or trowel, it forms a waterproof, flexible coating. It provides an effective barrier to waterborne salts and atmospheric gases, provides a hard wearing, seamless, waterproof membrane for roofs and foundation protection.

### Product Features:

- **UV resistant and waterproof** – Provides longlife protecting the concrete from carbonation.
- **Permeable to vapour** – Does not allow moisture to build up behind the product stopping damage to coating by osmosis.
- **Decorative and dirt repellent** – Aesthetically pleasing as well as providing protection.
- **High CO<sub>2</sub> and SO<sub>2</sub> diffusion resistance** – Long term protection of repairs or existing structures with only two coats
- Materials that create a hydrophobic surfaces on concrete, can be used as primers to give double the protection – Double the protection without compromising adhesion to the surface
- Non-toxic suitable for contact with potable water.
- Anti-fungus
- Excellent Adhesion. Bonds to porous and nonporous surfaces.
- VOC 0 g/l VOC Comments: This is the theoretical value. Tested value will vary depending on test methodology, accuracy of equipment used for testing and test conditions

Paint Type	Product Type	Finishing	Colour	Pack Size
Water based Pure Acrylic Emulsion	Interior & Exterior	Matt	Available in Natural Cement Grey colour	18 Litres --Part A 25 KG-----Part B

### Recommended Substrate

Cement plaster, concrete, block work, rendered surfaces etc. Any defects in the substrate like surface undulations, cracks, pin holes etc., should be rectified/filled before starting painting

### Technical Data

Drying Time	: Touch Dry 1-2 hours at 30°C (Dependent on temperature and humidity)
	: Hard Dry 7 hours at 30°C (Dependent on temperature and humidity)
Recoating Time	: 2-3 hours (Dependent on temperature and humidity)
Density	: 1.89 kg/L
Depth of water penetration	: >5 mm
Static crack bridging	: >2.5 mm
No. of Coats	: 2 coats
Shelf Life	: Up to 24 months in tight sealed container

### Application Method

Brush / Roller Do not apply to dry concrete, but free of standing water, apply, using a short, stiff bristle brush or roller. Trowel application can be undertaken as necessary. For heavy 6-10 mm depressions, honeycombs etc. use less gauging liquid and mix to the desired consistency.



<b>MIXING</b>
<p>It is supplied in premeasured units and should be mixed on site utilising clean containers. Slowly add the powder to the liquid and mix, using a slow speed drill fitted with a suitable paddle. MIX AND USE. Do not mix more material than can be used in one hour.</p> <p>NOTE: Although It is supplied in premeasured packs, part packs can be used by mixing 3 volumes of part B to 1 volume of liquid(Part A) Mix thoroughly and keep mixed during application. DO NOT RE-TEMPER WITH WATER.</p>
<b>Surface Preparation</b>
<p>Remove all loose, defective paint or powdery residues, loose chalk, dust and foreign matter. Repair cracks, uneven surfaces with City Paints All Purpose Joint Compound or suitable fillers. Smoothen the putty / filler areas with sand paper. Surfaces to be painted must be cleaned thoroughly and dry, it must be free from dirt, grease and other foreign matters. Allow all surfaces to dry completely prior to painting. Avoid painting when the moisture content and alkalinity of the walls are still high. (Recommended painting specification requires the moisture content of the walls to be below 16% measured by protimeter and alkalinity of the walls to be below pH9.) Spot prime with City Paints Interior Sealer.</p>
<b>Cleaning</b>
<p>Clean up equipment with water immediately after use.</p>
<b>Safety Precautions</b>
<ul style="list-style-type: none"><li>• Keep container tightly closed and keep out of reach children or away from food and drink.</li><li>• Ensure good Ventilation during application and drying.</li><li>• When applying paint, it is advisable to wear eye protection.</li><li>• In case of contact with eye, rinse with plenty of water immediately and seek medical advice.</li><li>• Remove splashes from skin by using soap or water.</li><li>• Paint must always be stored in a cool place.</li><li>• When transporting paint, care must be taken. Always keep container in a secure upright position.</li><li>• Dispose off any paint waste in accordance with the appropriate Environment Quality Regulations.</li></ul>
<b>Note</b>
<p>* Theoretical Coverage is based on a mathematical formula</p> $\left[ \frac{\text{Volume Solid \%} \times 10}{\text{Dry Film Thickness}} \right] = \text{m}^2/\text{lit}/\text{coat}$ <p>and does not consider LOSS FACTORS. Variables like porosity of substrate, application method, dilution ratio, dry film thickness, opacity and so on will affect the loss factor and can vary from 30% - 50% or even more.</p> <p>The above information is given to the best of our knowledge based on laboratory tests and practical experience. However, since we cannot anticipate or control the many conditions under which our products may be used, we can only guarantee the quality of the product itself. We reserve the right to alter the given without prior notice.</p>

The information given is intended to give a description of the product performance under specific test conditions. Nevertheless, we cannot assume any responsibility for the use of it since circumstances under which the products are applied in practice are subjected to many variations. We reserve the right to alter the given data without notice.

Enquiries / Contact Details : CITY PAINTS Customer Service  
4492 9952(Main Line)  
www.city-paints.com