

Aquakote

DESCRIPTION 100% solids, solvent free, surface tolerant 2 pack epoxy coating. It can be applied directly onto power-tool cleaned rusty steel substrates to standard St2 minimum but as with all coatings the better the surface preparation the greater its performance.

Its good penetration and adhesive properties ensure excellent protection in long-term exterior exposure.

Because of the complete absence of solvents, the primary use of Aquakote is within areas where both access is poor and the ability to carry out extreme methods of surface cleaning are not possible.

Aquakote in its mixed state it's virtually odourless and often used within hospitals, old people's homes and production facilities where minimum disturbance is essential.

USES Used wherever steel grit blasting is not possible. Aquakote is mainly used for water storage applications such as tanks however it may be used in all manner of environments as it exhibits good general chemical resistance and shows excellent adhesion to a variety of substrates.

- FEATURES**
- Long term exterior protection
 - Excellent water/sea water resistance
 - Good resistance to acids and alkalis
 - Good flexibility, hardness and adhesion
 - Good impact resistance

TYPICAL PROPERTIES	DATA
Colour	Grey, Blue
Specific Gravity	1.47-1.52g/cm ³
% Solids by Weight	>99
% Solids by Volume	>99
Pot Life (10°C, 100g)	2 hours
Touch Dry 5°C	16 hours
Touch Dry 25°C	4 hours
Overcoating Time (min)	
5°C	16 hours
10°C	12 hours
15°C	8 hours
20°C	5 hours
25°C	4 hours
35°C	2 hours

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SURFACE PREPARATION	<p>Power tool clean to ST2 standard.</p> <p>If applying to old coatings, surfaces must be sound, clean, dry and abraded to provide an anchor pattern / key. Concrete surfaces should be free from surface laitance and either sweepblasted or acid etched to achieve a surface roughness.</p>
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APPLICATION	<p>Use as supplied in pre-weighed packs Part A (base component) with Part B (hardener). Pour/decant all of Part B into Part A and thoroughly mix with a powered paddle.</p> <p>The mixing time should be sufficient to enable a homogeneous solution and typically a period of approximately 1 – 2 minutes will achieve this.</p> <p>Apply by brush or roller</p> <p>Note: Spray application is possible, however a solvent blend addition is required to aid this process – seek current manufacturers recommendations</p>
<p>Mixing Ratio (by weight)</p> <p>Pot Life (20°C)</p> <p>Touch Dry (25°C)</p> <p>Theoretical Wet Film Thickness (typical)</p> <p>Theoretical Coverage</p>	<p>1.68kg Part A: 0.32kg Part B (100 pts : 17 pts)</p> <p>1 hour</p> <p>4 hours</p> <p>200 microns per coat</p> <p>0.295 – 0.305kg/m² at 200 micron <i>or</i> 3.3 - 3.4 m²/kg at 200 micron</p>
<p>Recommended Paint System</p> <p><i>First Coat</i></p> <p><i>Second coat</i></p>	<p>200 microns (WFT)</p> <p>200 microns (WFT)</p>

STORAGE & PACKAGING	<p>Store the containers in a cool, dry place. The containers should be kept tightly sealed and can be kept unopened for up to 1 year from the date of manufacture.</p> <p>2 kg kits.</p>
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HEALTH & SAFETY	<p>Spray or brush under well ventilated conditions. Wear suitable protective clothing and glasses. See safety data sheets for more information.</p>
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Important

Aquakote Systems Ltd endeavour at all times to develop and continually improve all of our products and therefore the information given here is intended as a general guide and not a firm and fixed guarantee of specification. However, members of our technical department are available to assist the potential user in establishing the suitability of the product for its intended use.

Aquakote is manufactured in accordance with a Quality Management System