



# SEALTEK PTY LTD

## ADVANCED COATING TECHNOLOGIES

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 Reg no: 2015/358427/07

### SPEC SHEETS - HYDROFLEX

HydroFlex is an Eco Friendly Pure Acrylic paint that is extremely flexible, with up to 450% stable elongation. This makes it the ideal product for expansion joints, IBR etc. HydroFlex is adhesion promoted and will adhere to concrete, masonry, wood and metal surfaces.

<p>Surface Preparation</p>	<ul style="list-style-type: none"> <li>• Ensure that the Substrate has been washed off and is free of any dust or any objects and chemicals that might cause non-adhesion to the substrate.</li> <li>• Ensure that the substrate has dried properly before any application of the product.</li> <li>• Continuous brushing or usage of compressed air on the immediate area to be sprayed is recommended</li> </ul>
<p>Method of Application</p>	<ul style="list-style-type: none"> <li>• HydroFlex is pre-packaged in a 20ltr bucket – open bucket mix thoroughly at medium speed before application</li> <li>• Ensure the substrate has been properly prepared as above</li> <li>• Cover all surrounding and non-spray able areas with masking tape to avoid damage or overspray.</li> </ul> <p><b>Waterproofing Application</b></p> <ul style="list-style-type: none"> <li>• Application to waterproof substrate such as roofs (IBR or Tiles)</li> <li>• Depending on the substrate conditions HydroFlex will provide between 20 -25 m<sup>2</sup> per 20ltr bucket</li> <li>• The required 4 coat application ie. approximately 2000 micron should be applied for Waterproofing purposes.</li> <li>• Application can be applied with a Airless Spray Machine, Rolled on or Brushed on.</li> <li>• Once the 1<sup>st</sup> coat is touch dry apply a 2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup> coat.</li> </ul> <p><b>Paint Coating Application</b></p> <ul style="list-style-type: none"> <li>• When used as a paint coating on roofs or walls HydroFlex will provide between 40 -50 m<sup>2</sup> per 20ltr bucket</li> <li>• 2 coats are required resulting in approximately 800-1000 microns</li> <li>• Please note – if 2 coats are applied this will make the substrate water resistant but not waterproof.</li> </ul>
<p>Cleaning</p>	<ul style="list-style-type: none"> <li>• Our Paint is water based therefore paint and application tools can be cleaned off with running water.</li> </ul>
<p>Drying Time</p>	<ul style="list-style-type: none"> <li>• Touch Dry or before another coat – 1-2 Hours at ± 25 °C</li> <li>• Fully Cured - 7 Days at ± 25 °C</li> </ul>
<p>Colours</p>	<ul style="list-style-type: none"> <li>• Standard colours for waterproofing are Grey, White, Black, Terra Cotta and Green. We can however supply the waterproofing in any of our 90 standard colours or some colours can be matched on request</li> </ul>

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### Lab Test Results

HydroFlex was sent in for vicarious technical testing and the results were as follows:

Form	Liquid
Colour	90 standard colours.
Odour	Mild characteristic odour
Specific gravity (25C)	1.21
pH	8.92
Viscosity	98-102 K.U.
T.S.C	49%
Boiling Point	> 100C
Flash Point	Not Available
Solubility	Miscible with water
Wet Abrasion	> 10 000 Cycles
Waterproofing	Pass – No Bubbling or Lifting
QUV (after 5000Hrs+) – Equivalent of 10-15 years*	Slight Fading, No Cracking, No Delamination, No Chalking, No blistering, Slight Colour Loss (less than 10%)

(Test are done for 5000 hours, in 6hours cycles changing between, water, UV, wind, temperature control -hot/cold)

\* All test samples remain in the testing enclosure indefinitely. For updated results please enquire directly