



SEALTEK

ADVANCED COATING TECHNOLOGIES

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 Reg no: 2015/358427/07

HYDROFLEX

HydroFlex is an Eco Friendly **Pure Acrylic** waterproof coating that is extremely flexible, with up to 450% stable elongation. This makes it the ideal product for IBR, corrugated metal, tiled roofs, flashings and parapets etc. HydroFlex is adhesion promoted and will adhere to concrete, masonry, wood and metal surfaces.

HydroFlex	<ul style="list-style-type: none"> • 20ltr and 5ltr
Practical Coverage	<p>Waterproofing Application</p> <ul style="list-style-type: none"> • Application to waterproof substrate such as roofs (IBR or Tiles) • Depending on the substrate conditions HydroFlex will provide between 10 -25 m² per 20ltr. • The required 4 coat application ie. approximately 2000 micron should be applied for Waterproofing purposes. <p>Paint Coating Application</p> <ul style="list-style-type: none"> • When used as a paint coating on roofs or walls HydroFlex will provide between 40 - 60 m² per 20ltr, depending on substrate. • 2 coats are required resulting in approximately 800-1000 microns • Please note – if 2 coats are applied this will make the substrate water resistant but not waterproof.
Cleaning	<ul style="list-style-type: none"> • HydroFlex is water based therefore paint and application tools can be cleaned off with water.
Surface Preparation	<ul style="list-style-type: none"> • Remove all existing coatings. • Ensure to remove any dust, debris, salt, algae, fungi or chemicals that may cause adhesion difficulties to the substrate. • Ensure that the substrate is completely dry before application of the product – less than 10% moisture.
Method of Application	<ul style="list-style-type: none"> • Surface application temperature 5-35 degrees Celsius. • Once the surface area has been prepared as above on cementitious substrates a primer – Repellam / Aquatint – needs to be applied first – <i>Refer to Repellam / Aquatint spec sheet.</i> • After the Repellam / Aquatint has dried - approximately an hour. • On metal surfaces no primer is needed. • Apply the HydroFlex as below depending on application: <p>Waterproofing Application</p> <ul style="list-style-type: none"> • Application to waterproof substrate such as roofs (IBR or Tiles) • The required 4 coat application should be applied for Waterproofing purposes: <ul style="list-style-type: none"> • Airless Spray application <ul style="list-style-type: none"> - Once the 1st coat is touch dry apply a 2nd, 3rd and 4th coat can be applied.

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	<ul style="list-style-type: none"> • Roll/Brush on application <ul style="list-style-type: none"> - Once the 1st coat is touch dry apply a 2nd, 3rd and 4th coat can be applied. <p>Painting Application</p> <ul style="list-style-type: none"> • To paint substrate such as roofs, IBR, tiles and walls. • The required 2 coat application should be applied for painting purposes: <ul style="list-style-type: none"> • Airless Spray application <ul style="list-style-type: none"> - Once the 1st coat is touch dry apply a 2nd, coat can be applied • Roll/Brush on application <ul style="list-style-type: none"> - Once the 1st coat is touch dry apply a 2nd, coat can be applied. 																						
Drying Time	<ul style="list-style-type: none"> • Touch Dry or recoating – 1-2 Hours at ± 25 °C • Fully Cured - 7 Days at ± 25 °C 																						
Colours	<ul style="list-style-type: none"> • 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 certain colours can be matched on request (Order dependent) 																						
Advantages of HydroFlex	<ul style="list-style-type: none"> • Eco Friendly • Seamless • Ease of application - Brush, Roll, Spray on • UV Stable • Low to no maintenance • Flexible 																						
<p><u>Lab Test Results</u> HydroFlex was sent in for vicarious technical testing and the results were as follows:</p>	<table border="0"> <tr> <td>• Form</td> <td>Liquid</td> </tr> <tr> <td>• Odour</td> <td>Mild characteristic odour</td> </tr> <tr> <td>• Specific gravity (25C)</td> <td>1.21</td> </tr> <tr> <td>• pH</td> <td>8.92</td> </tr> <tr> <td>• Viscosity</td> <td>98-102 K.U.</td> </tr> <tr> <td>• T.S.C</td> <td>49%</td> </tr> <tr> <td>• Boiling Point</td> <td>> 100C</td> </tr> <tr> <td>• Flash Point</td> <td>Not Available</td> </tr> <tr> <td>• Solubility</td> <td>Miscible with water</td> </tr> <tr> <td>• Wet Abrasion</td> <td>> 10 000 Cycles</td> </tr> <tr> <td>• Waterproofing</td> <td>Pass – No Bubbling or Lifting</td> </tr> </table>	• Form	Liquid	• 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
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- QUV (after 5000Hrs+) – Slight Fading, No Cracking, No Delamination, No Chalking,
- Equivalent of 10-15 years*
- 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

