PRODUCT DESCRIPTION
A one component, water based waterproofing coating formulated on a UV curing pure acrylic resin

INTENDED USES
AcryStretch Anti-Seepage is a high performance universal roof waterproofing system specifically developed for long term protection of all types of roof surfaces.

AcryStretch Anti-Seepage offers outstanding weatherproofing and waterproofing properties with optimum levels of UV resistance, flexibility (±150% extension), adhesion and durability for any correctly primed surface including asphalt, bitumen, mineral felt, asbestos, aluminium, concrete, galvanising and any metal surface.

Applied by brush, roller or spray. When fully cured, AcryStretch Anti-Seepage forms a tough, seamless skin that allows substrate movement, providing a highly durable and highly effective barrier against water penetration.

AcryStretch Anti-Seepage has vapour permeable composition that will allow damp substrates to breathe without any loss of the adhesive qualities.

AcryStretch Anti-Seepage is water based, free from odour and toxicities, and is available in a virtually any colour.

CHARACTERISTICS
- Used as a high-build, flexible waterproof coating on pitched/vertical and flat/horizontal applications
- Can be used with re-enforcement membranes on flat/horizontal surface for improved performance and lifetime.
- Minimum 10 year performance systems, consult.
- Excellent adhesion to suitability prepared and primed surfaces.
- With re-enforcement, bridges surface cracks up to 1.25mm
- Provides a rubbery hard surface which can take foot traffic
- Highly durable, weather & UV Resistant, no need for overcoating
- Coating is highly flexible & will not form any hairline cracks due to underlying plaster/surface.
- High hydrophobicity (providing efflorescence resistance and low water swelling)
- Excellent resistance dirt pick-up

PHYSICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Direct Pull Adhesion</td>
<td>28 kg/cm² (400 psi) – concrete</td>
</tr>
<tr>
<td>Water Vapour Permeability</td>
<td>3.5 gm.mm/m²/24hrs</td>
</tr>
<tr>
<td>Tensile Strength</td>
<td>42 kg/cm² (600 psi)</td>
</tr>
<tr>
<td>Elongation @ 25°C @ 25°C</td>
<td>150%</td>
</tr>
<tr>
<td>Tear Strength</td>
<td>9.84 kg/cm unreinforced</td>
</tr>
<tr>
<td></td>
<td>17.3 kg/cm reinforced</td>
</tr>
</tbody>
</table>

Waterproofing
### PRODUCT INFORMATION

- **Colour**: Pigmented
- **Finish**: Low Sheen
- **Volume Solids**: 50%
- **Typical Film Thickness**: 180µm Dry minimum per coat (360µm wet per coat)
- **Theoretical Coverage**: 2.77 m²/litre at 180 µm dft
  
  1.38 m²/litre at 360 µm dft
- **Method of Application**: Brush, Roller and Airless Spray
- **Number of Coats**: Check “Systems”
- **Temperature Resistance**: Dry continuous - 70°C
- **Viscosity**: 135-150 KU

### DRYING INFORMATION

<table>
<thead>
<tr>
<th>Temperature</th>
<th>10°C</th>
<th>20°C</th>
<th>25°C</th>
<th>40°C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Touch Dry</td>
<td>-</td>
<td>-</td>
<td>2 hrs.</td>
<td>-</td>
</tr>
<tr>
<td>Hard Dry</td>
<td>-</td>
<td>-</td>
<td>16 hrs.</td>
<td>-</td>
</tr>
</tbody>
</table>

**Overcoating Data – See Limitations**

<table>
<thead>
<tr>
<th>Substrate Temp.</th>
<th>10°C</th>
<th>20°C</th>
<th>25°C</th>
<th>40°C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum</td>
<td>-</td>
<td>-</td>
<td>2-4 hrs.</td>
<td>-</td>
</tr>
<tr>
<td>Maximum</td>
<td>-</td>
<td>-</td>
<td></td>
<td>Extended*</td>
</tr>
</tbody>
</table>

*Note* * 2-3 weeks full cure – apply in conditions that accelerate drying such as sunshine and wind. Do not apply if rain is imminent.
SYSTEMS

AcryStretch Anti-Seepage 10 Year System’s

Flat ‘F’ – AcryStretch Anti-Seepage applied in one coat then totally reinforced with AcryStretch Reinforcing Sheet. Then one further coat of AcryStretch Anti-Seepage applied overall.

Pitched ‘P’ – AcryStretch Anti-Seepage applied in one coat then reinforced locally with AcryStretch Reinforcing Sheet on all vertical joints. One further coat of AcryStretch Anti-Seepage applied overall.

Walls – AcryStretch Anti-Seepage applied in two coats the minimum recommended DFT per coat without reinforcing.

Gutters – AcryStretch Anti-Seepage applied in one coat then totally reinforced with AcryStretch Reinforcing Sheet. Then one further coat of AcryStretch Anti-Seepage applied overall.

Over tiles – AcryStretch Anti-Seepage applied in one coat then totally reinforced with AcryStretch Reinforcing Sheet. Then one further coat of AcryStretch Anti-Seepage applied overall and scatter AcryStretch Aggregate into the wet surface at a rate of 0.5-1.0 kg / m². This will completely blind the surface. After initial curing the excess aggregate should be swept off or vacuumed for re-use if needed. Then one further coat of AcryStretch Anti-Seepage applied overall to seal aggregate
SURFACE PREPARATION

**AcryStretch Anti-Seepage** system should only be applied to structurally sound roof areas. On flat roofs which have been dressed with large or medium sized chippings, these must be removed prior to application. A mechanical flail should be used to remove the chippings and then the areas swept down to all loose dirt and dust.

On Asphalt roofs, blisters should be cut out and the void filled Patching Compound Flexible. On felt remove, severe blister should be cut open and bonded flat.

Any areas of moss or lichen growth should be treated with **Fungicidal Wash** in accordance with the instructions.

Any surface to be protected must be clean, dry and firm, and this is especially important with glass, metallic or plastic surfaces.

At any wide joints (such as joints on corrugated roofs or poor fitting flashings) or where excessive movements can be expected (such as valley gutter joints) **AcryStretch Bridging Tape** over these areas. To apply the **AcryStretch Bridging Tape** simply peel off the protective film and press down firmly, following the contour as far as possible. Finally, ensure the edges of the **AcryStretch Bridging Tape** are pressed down to be flush with the surface.

**Primers** — further detailed application information is given in the product technical data sheets

- **Bituminous and porous surfaces**: surfaces should be primer with **BP Primer**.
- **Glass, Previously Painted surfaces and most metal surfaces**: should be primed with **Epoxy WB GP Primer**.
- **Damp and Green Concrete** — should be primed with **Damp Proof Barrier coating or Epoxy Curesal**, cure guidelines should then be followed.
### APPLICATION

<table>
<thead>
<tr>
<th>Method</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Mixing</strong></td>
<td>Material is supplied in plastic containers. This is a one component product and does not require a hardener. Agitate/stir the product well before use to ensure a homogeneous mix and no settlement of pigments. No thinners should be added to this product.</td>
</tr>
<tr>
<td><strong>AcryStretch Reinforcing</strong></td>
<td>Should be secured into the AcryStretch Anti-Seepage immediately after application where necessary. The reinforcing must follow the contour of the surface and must not be pulled or stretch to leave hollow areas.</td>
</tr>
<tr>
<td><strong>AcryStretch Anti-Seepage</strong></td>
<td>Should then be brushed/sprayed onto and through the reinforcing, keeping the thickness of the AcryStretch Anti-Seepage as evenly as possible, and no thicker than required to wet down the reinforcing. The Second coat of AcryStretch Anti-Seepage should then be applied using a good quality brush or airless spray a minimum of 2-4 hours after the first coat. The minimum overcoating interval will depending upon the roof temperature and drying conditions. Provided the first layer of AcryStretch Anti-Seepage is clean there is no maximum overcoating time. Do not apply AcryStretch Anti-Seepage beyond the areas coated with primer. Where large applications are involved, reinforcing should be laid out over the primed areas and the AcryStretch Anti-Seepage brushed/sprayed through the reinforcing to provide a uniform layer which follows the contour of the surface. Adjacent widths of reinforcing should allow 1-2 cm overlap.</td>
</tr>
</tbody>
</table>

#### By Airless Spray

- Minimum 180 bar, minimum 17 thou tip

#### Thinner

- Should not be thinned

#### Cleaner

- SA65 Thinner: For dry paint and equipment
- Water: For wet paint

#### Work Stoppage

- Do not allow material to remain in application equipment after use, thoroughly flush and clean all equipment with water. Seal the containers tightly after use to prevent drying out.

#### Clean Up

- Clean all equipment immediately after use with water. It is advisable to periodically clean application equipment during the course of the working day.
<table>
<thead>
<tr>
<th>Environment</th>
<th>Surface Temperature</th>
<th>Ambient Temperature</th>
<th>Relative Humidity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum</td>
<td>5°C*</td>
<td>7°C</td>
<td>No lower limit</td>
</tr>
<tr>
<td>Maximum</td>
<td>35°C**</td>
<td>45°C</td>
<td>90%</td>
</tr>
</tbody>
</table>

* or 3°C above the dew point  
** Higher temperatures result in reduced sag resistance and faster cure  
*in the winter months due consideration must be given to the early onset of condensation formation early afternoon and application should be discontinued before this time.

**LIMITATIONS**

- After applying the final coat, allow to dry for two days prior to wetting or rain  
- It should be noted that the success of a waterproofing system is dependent on the skill of the person applying the products.  
- Heavy wet film thicknesses, exceeding 600um Wet should be avoided as mud cracking will occur  
- Material (in closed containers) should be maintained in protected storage in accordance with information given in the STORAGE section of this data sheet.  
- Technical and application data herein is for the purpose of establishing a general guideline of the coating application procedures.  
- Test performance results were obtained in a controlled laboratory environment and Speccoats™ makes no claim that the exhibited published test results, or any other tests, accurately represent results found in all field environments. As application, environmental and design factors can vary, due care should be exercised in the selection and verification of the performance and use of the coating.
### UNIT SIZE

5, 20Lt

### STORAGE

<table>
<thead>
<tr>
<th>Shelf Life</th>
<th>12 months minimum at 25°C</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Subject to inspection thereafter. Store in dry conditions out of direct sunlight away from source of heat or ignition</td>
</tr>
</tbody>
</table>

### IMPORTANT NOTE

Whilst we endeavour to ensure that all advice we give about the product is correct, the information given in this data sheet is not intended to be exhaustive and any person using the product for any purpose other than that specifically recommended in this sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so entirely at his own risk. As conditions of use, method of application and suitability of the substrate prior to painting are beyond our control, no guarantee is implied by the recommendations contained herein. We therefore do not accept any liability whatsoever or howsoever arising from the performance of this product or for any loss or damage arising out of the use of this product. The information contained in this sheet is liable to modification from time to time in the light of experience and ongoing product development programmes. It is the user’s responsibility to ensure that this sheet is current prior to using the product.

### PRECAUTIONS

For complete safety and handling information please refer to the appropriate Safety Data Sheets prior to using this product.