

# Technical Data Sheet

## Agreseal

**Description:** **Agreseal** is a deep penetrating, solvent based acrylic sealer that provides a glossy wet look to exposed aggregate, repelling water and enhancing the aggregate's natural colour. **Agreseal** is a 2 coat system that will protect the surface from most stains such as grease and oil, providing a durable surface ideal for pedestrian and light vehicle traffic.

- Features:**
- Improves surface performance of the concrete
  - Enhances concrete and aggregate colours
  - Helps protect against freeze/thaw damage
  - Protects against most stains and many household chemicals
  - Repels grease, oil and water
  - Non-yellowing providing a high gloss, wet look
  - Low maintenance to improves cleaning
  - Easily recoated

**Safety Precautions:** Observe all Occupation Health and Safety (OH&S) precautions.  
Refer to the relevant Safety Data Sheets (SDS) for product safety related information.  
For further information and support: **Nutech Paint 03 9770 3000**  
<https://nutechpaint.com.au/>

**KEEP AWAY FROM HEAT, FLAME AND SOURCES OF IGNITION**

- Always keep container closed when not in use
- Vapours are heavier than air
- Use only with adequate ventilation and avoid breathing vapours
- Avoid contact with eyes, skin and clothing
- Wash thoroughly after handling
- DO NOT take internally
- Use impervious gloves and eye protection

If the product is being used for extended periods of time and/or in poorly ventilated areas, use approved respiratory protection in accordance with applicable Federal, state and local regulations.

**Provisions:** DO NOT apply **Agreseal** late in the day as the risk of surface damage caused by dew and condensation increases.  
Sealer affected by moisture loses gloss and clear sealers may appear milky when dry.  
If bubbles appear due to air entrapment during application, scrubbing with a solvent wet broom the next day will repair any damage.  
  
Soft or damaged surfaces SHOULD NOT be sealed without special surface treatment to stabilise and harden the concrete.  
  
Before applying **Nutech Agreseal** to old, existing aggregate surfaces, test for the presence of an existing sealer. Refer **Nutech Coatings Test Kit** to assess compatibility.

**Chemical Type:** Solvent based acrylic  
**Product Attributes:** Per Cent Volatiles: 80% (Highly flammable)  
Diluting Solvent: Solvent  
Minimum/ Maximum Application Temp: 8°C - 30°C  
**Typical Applications:** Typical projects include; Domestic & Multi Density Residential, Industrial and Commercial applications where exposed aggregate are used and excellent exterior durability is required.



<b>Appearance:</b>	Colourless viscous liquid
<b>Coverage / Spread Rate:</b>	3-5m <sup>2</sup> /L Note: Coverage will depend on the porosity and roughness of the surface. To maximise performance do not over spread.
<b>Packaging:</b>	20L
<b>Storage:</b>	Cool, dry location. Avoid contact with direct sunlight and heat
<b>Shelf life:</b>	Stored 24 months @ 25°C
<b>Recommended Substrates:</b>	<b>Agreseal</b> should only be used on new or old exposed aggregate concrete surfaces or old, pre coated compatible sealed concrete aggregate surfaces. The surface must be thoroughly dry before applying the first coat. If the surface is affected by white efflorescence, broom over with clean <b>Pavecoat Thinners</b> to dissolve and dissipate all salts prior to sealing.
<b>Slip Hazard Note:</b>	<b>Slip Hazard:</b> Sealing of smooth and sloping concrete surfaces will increase the risk for pedestrian and vehicle safety. Refer <b>Nutech AntiSlip Mix In</b> TDS for further information.  Nutech Anti-Slip Mix In will not be suitable on steep, sloping surfaces. Refer to your Nutech specialist for alternative recommendations on steep, smooth surfaces.
<b>Mixing/ Thinning:</b>	<b>Prior to Commencement:</b> Stir thoroughly prior to use. <b>Maximum dilution: 50% Pavecoat Thinners</b>
<b>Test Patch:</b>	Conduct a small test patch in an inconspicuous area to ensure adequate product performance, substrate porosity and to provide an indication of the amount of product required to complete the project.
<b>Substrate note:</b>	If inadequate sealer thickness is applied on new exposed aggregate, some efflorescence (salt whitening) may occur for a short period. This white powder can usually be washed off easily and should cease after several months. The application of one or two additional coats of <b>Agreseal</b> , observing recoat times, can prevent the appearance of efflorescence. Although <b>Agreseal</b> will prevent surface powdering of the concrete, sealers do not increase the hardness of the concrete surface.
<b>Application:</b>	Brush, Roller or Airless Spray
<b>Drying Time</b>	Figures based on ambient conditions of 25°C @ a RH 60% *Drying times will be extended in cooler temperatures or higher humidity
<b>Touch Dry:</b>	30 minutes.
<b>Recoat:</b>	1 hour
<b>Full Cure:</b>	7 Days <b>DO NOT park vehicles on newly applied Agreseal for at least 7 days</b>
<b>Clean Up</b>	Protecting Our Environment is important to Nutech Paints: Clean up with <b>Pavecoat Thinners</b> away from drains. Do not pour leftover paint down the drain. Unwanted paint should be kept in a sealed container and then disposed of via special waste collection services. Empty paint containers should be left open in a well-ventilated area to dry out. Dispose of empty paint containers in accordance with local authority's guidelines. Always check with your local council first.



**Preparation:**

New Exposed Aggregate	Old, Uncoated Exposed Aggregate	Compatible, Previously Sealed Exposed Aggregate	Old, incompatible, delaminating & problem sealer
<p>Allow surface to cure for a minimum 7 days prior to sealing.</p> <p>If the surface is affected by efflorescence, broom over with clean Pavecoat Thinners to dissolve and dissipate all salts before sealing.</p> <p>Etch uncoated surface with <b>Nu-EcoSafe Etch</b> or <b>Ultra Etch</b> as outlined I the relevant TDS.</p> <p>Determine porosity as outlined in this TDS</p> <p>Refer: APPLICATION PROCEDURE outlined below</p>	<p>Determine whether the existing Aggregate has been previously sealed.</p> <p>Refer <b>Nutech Coating Test Kit</b> for detailed instructions. or contact Nutech Paint. Thoroughly clean using <b>Nu-EcoSafe Degreaser</b>. Refer to the relevant TDS for further recommendations.</p> <p>Etch uncoated surface with <b>Nu-EcoSafe Etch</b> or <b>Ultra Etch</b> as outlined I the relevant TDS.</p> <p>Determine porosity as outlined in this TDS</p> <p>Refer: APPLICATION PROCEDURE outlined below</p>	<p>This surface will require reactivation to improve intercoat adhesion between compatible sealers.</p> <p>Prior to reactivation, the existing exposed aggregate surface should be clean and free from lichen, moss, oil and other debris.</p> <p>Refer to <b>Nu-EcoSafe Moss Rid</b> and/ or <b>Nu-EcoSafe Degreaser</b> TDS's for further recommendations.</p> <p>Refer to the <b>Reactivating Solvent</b> TDS for further information</p> <p>Refer: APPLICATION PROCEDURE outlined below</p>	<p>These types of finishes should be completely removed. Stripping with <b>Nu-EcoSafe Strip Industrial</b> (refer to the relevant TDS) is recommended</p> <p>After coating removal;</p> <p>Etch uncoated surface with <b>Nu-EcoSafe Etch</b> or <b>Ultra Etch</b> as outlined I the relevant TDS.</p> <p>Determine surface porosity refer to Old, Uncoated exposed Aggregate guidelines in this TDS</p> <p>Refer: APPLICATION PROCEDURE outlined below</p>

**Test Surface Porosity**

<p><b>1st Coat:</b> <b>2nd Coat:</b></p>	<p>It is important to assess surface porosity prior to sealing. This step will determine the first coat dilution of <b>Agreseal</b>.</p> <ul style="list-style-type: none"> <li>• Measure 1 cup of fresh water and pour onto the dry surface</li> <li>• Observe water absorption noting absorption within 30 seconds</li> <li>• If water pools or is slow to be absorbed, a second stronger solution of <b>Nu-EcoSafe Etch</b> or <b>Ultra Etch</b> will be required. (Refer etch mix ratios for Hardened or High MPa Concrete)</li> </ul> <p><b>Dilution requirements for non-porous surfaces (2 coats):</b></p> <ul style="list-style-type: none"> <li>• Dilute up to 50% with <b>Pavecoat Thinners</b></li> <li>• No Dilution required</li> </ul> <p><b>Dilution requirements for Porous surfaces (2 Coats):</b> No dilution required for both coats</p>
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**Application Procedure**

<p><b>1st Coat:</b>          <b>2nd Coat:</b></p>	<p><b>Coat:</b> Dilute in accordance to surface porosity – Refer notes above</p> <ul style="list-style-type: none"> <li>• Apply 1 even coat at a rate of 1 /3 – 5m2</li> <li>• Observe recoat times as outlined in this TDS</li> <li>• Avoid ponding or pooling</li> </ul> <p>Apply without solvent dilution in the same manner as the first coat.</p> <ul style="list-style-type: none"> <li>• Apply 1 even coat at a rate of 1 /3 – 5m2</li> <li>• Observe dry times as outlined in this TDS</li> <li>• Avoid ponding or pooling</li> </ul>
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<b>First Aid</b>	<p><b>SEEK IMMEDIATE MEDICAL ATTENTION.</b> Refer to the appropriate <i>Nutech Safety Data Sheet</i> (SDS) for further information.</p> <p>For medical emergencies only, call: 000</p> <ul style="list-style-type: none"><li>• In case of eye contact, flush thoroughly with water for at least 15 minutes</li><li>• In case of skin contact, wash affected areas with soap and water</li><li>• Remove and wash contaminated clothing</li><li>• If inhalation causes physical discomfort, remove to fresh air</li><li>• If discomfort persists, breathing difficulty occurs or if swallowed, seek medical advice.</li></ul>
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# Nutech

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**Disclaimer:** The information provided in this data sheet is based on many years' experience and is correct to the best of our knowledge. However, since the use of our product, surface conditions, weather and a number of other factors are completely beyond our control, we can only be responsible for the quality of our product at the time of dispatch. For more information please contact Nutech Paint. As this information is of a general nature, we cannot assume any responsibility in individual cases.

The information contained in this data sheet is liable to modification from time to time in the light of experience and our policy of continuous product development.

Any recommendation or suggestion relating to the use of the products made by Nutech Paint, whether in its technical literature, or in response to specific inquiry, or otherwise, is based on data believed to be reliable; however, the products and information are intended for use by buyers having requisite skill and know-how in the industry and therefore it is for buyer to satisfy itself of the suitability of the products for its own particular use and it shall be deemed that buyer has done so, at its sole discretion and risk. Variation in environment, changes in procedures of use, or extrapolation of data may cause unsatisfactory results.