

Technical Data Sheet No.325

Temporary peelable coating for surface protection

**SEAL 'N' PEEL 8000**

**PRODUCT DESCRIPTION:** SEAL 'N' PEEL 8000 is a high quality, single pack, water based, transparent peelable coating with anti-microbial properties. It is very durable and easy to apply. It is used as a temporary coating applied to a wide range of surfaces to protect from damaging elements e.g. Paint, glue, mortar, plaster, scratching, staining, and transportation damage, and can be easily peeled away to leave a clean, original surface.

**TYPICAL APPLICATIONS:**

- Glass
- Powder coated surfaces
- Polished surfaces.
- Marble and smooth masonry
- Industrial spray booths and spray booth fittings
- Stainless steel
- Laminates etc.
- Plastics and acrylics
- Glazed Ceramics

**TECHNICAL INFORMATION**

<b>Pot life</b>	: N/A – single pack
<b>Colour</b>	: Clear or White.
<b>Dry time</b>	: Touch dry 30 mins to 1 hour @ 25°C, depending on RH
<b>(minimum)</b>	Full cure Several days, but serviceable approx. 2hrs after application
<b>Recoat time</b>	: After 2 hours @ 25°C
<b>(minimum)</b>	
<b>Primer Required</b>	: No
<b>Theoretical Coverage</b>	: 2.6 m <sup>2</sup> /Litre at 150 µm DFT to 5.2m <sup>2</sup> /Litre at 75µm DFT
<b>Volume Solids</b>	: 40 ±2% by weight
<b>Recommended DFT</b>	: 75 to 150 µm DFT
<b>Usual no. of coats</b>	: 1- 2
<b>Temperature</b>	: Application temperature 10°C to 30°C Film service temperature 5°C to 60°C
<b>Flexibility</b>	: Very Good
<b>Abrasion Resistance</b>	: Excellent
<b>Water Resistance</b>	: Resists water splash. Prolonged water contact may soften and remove product.
<b>Weather Resistance</b>	: Do not leave unprotected for more than 12 months, externally.
<b>Chemical Resistance</b>	: Excellent
<b>Thinning</b>	: Not required for brush or roller application, thin with water if required for spray suitability.
<b>Durability</b>	: Adequate durability for most applications. Can be topcoated for extended exterior exposure.
<b>VOC Content</b>	: 11 grams per litre (APAS D182)

**MERITS:**

1. Easy application – spray, roller or brush
2. Suitable for sensitive surface such as plastics
3. Environmentally friendly
4. Low odour
5. Can be painted over
6. Fast air drying
7. 2 practical standard colours – white for spray booth walls etc. and clear for spray booth lights and other transparent items

**LIMITATIONS:**

1. Cannot be applied in extreme heat and direct sunlight, or hot drying wind.
2. Not suitable for application when rain is expected or when temperatures could fall below 5°C during the drying/curing cycle.
3. Not suitable for heated spray booths (over 45°C)
4. All surfaces must be tested for suitability before application of Seal'n'Peel 8000

**Seal'n'Peel 8000 TDS Cont.**

**APPLICATION DATA**

**Mixing** : Stir thoroughly as some settling may occur during transport  
**Equipment** : Conventional airless sprayer, typical fluid tip size would be 0.013-0.017, synthetic bristle brush or long nap roller  
**Cleaning** : Clean all equipment with water.

**SURFACE PREPARATION:**

All surfaces must be clean and dry, with special attention to the removal of silicone, grease, oil, wax, mould, plaster and paint overspray. All surfaces must be tested prior to application for suitability and expected results.

**APPLICATION METHODS:**

**Spraying:** Apply a uniform coat over the entire surface and allow to dry until it begins to look clear. Apply a second coat and allow to dry (high humidity and colder temperatures will greatly increase drying time). Sags and runs should be smoothed out immediately with a brush. After the Seal 'n' Peel 8000 has dried, it is recommended that a small area be tested to ensure that enough product has been applied and will easily peel from the surface. Test for removal by scoring the coating with a dull blade and peeling a small area from the surface (approx 50mm square). If the Seal 'n' Peel 8000 does not peel easily from the surface it will be necessary to apply another coat to ensure optimum protection

**Brushing and Rolling:** Apply with a premium quality synthetic bristle brush or a long nap roller. New equipment should be dampened with water before use. Apply a thick, uniform coat ensuring surface is entirely covered. To obtain an even finish, each section should be finished by laying off with light strokes, working in one direction only. When the Seal 'n' Peel 8000 is dry, it is recommended that a small area be tested to ensure that the product is thick enough to be peeled easily from the surface, as detailed above. If the product does not peel easily it will be necessary to apply another coat.

**WORK STOPPAGES** : Do not allow material to remain in hoses, gun or spray equipment. Thoroughly flush all equipment with **A & I Coatings** recommended cleaner.

**CLEAN UP** : Clean all equipment after use with clean soapy water and flush with clean water. It is good work practice to periodically flush out spray equipment during the course of the working day. Frequency of cleaning will depend upon amount sprayed, temperature and elapsed time, including and delays.

**PACKING & STORAGE**

**Packing** : Available in 15 L pails. For availability of other sizes, contact **A & I Coatings**.

**Storage** : 12 months if stored in sealed containers away from heat and moisture. Subject to re-inspection thereafter.

**HEALTH AND SAFETY** : All applicable statutory regulations must be observed in the application of this product. Users must first read the Material Safety Data Sheet for Seal'n'Peel 8000. Users should familiarize themselves with all the safety aspects of the product prior to usage.

Please ensure the current Technical Data Sheet is consulted prior to specification or application of **A & I Coatings** products. If the surface intended to be painted differs from the specification, please consult the **A & I Coatings** Technical team on 1800 819 585.

All surplus materials and empty containers should be disposed of in accordance with appropriate regional regulations/legislation.

*Note: The figures quoted for pot life and drying/curing times are not definitive. They are dependent on site conditions, such as volume of material mixed, ambient and substrate temperatures, weather and ventilation.*

**DISCLAIMER**

*Since the use and application of this product is beyond our control we cannot be held responsible for product field performance. The information presented above is the result of our considerable experience with this product but is not to be construed as a performance warranty.*

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