



Peelable Coating for Glass Protection

SHIELD 'N' PEEL WINDOWS

Technical Data Sheet No.301

PRODUCT DESCRIPTION: Shield n Peel is a water-based single pack air dry coating for the temporary protection of glass. Due to the fact that special glass is often used in construction projects, it becomes imperative that suitable and adequate protection is provided to ensure that this costly glass is not damaged by other trades or even atmospheric fall out.

TYPICAL APPLICATIONS:

- Partition Walling
- Glass Roofs and facades
- External Glass Balustrading
- Stair Side Walls etc.

SUITABLE SUBSTRATES:

- Glass
- Low 'e' Glass
- Powdercoated Aluminium
- Stainless Steel

TECHNICAL INFORMATION

Pot life	: N/A
Colour	: Blue
Dry time	: Touch dry 30 mins to 1 hour @ 25°C, depending on RH
(minimum)	Full cure 24 hours @ 25°C, 40% RH.
Recoat time	: After 2 hours @ 25°C
(minimum)	
Primer Required	: No
Theoretical Coverage	: 5m ² /Litre at 100 µm dry film thickness
Volume Solids	: 50% by volume
Recommended DFT	: 100 µm dry film thickness
Recommended WFT	: 200 µm wet film thickness
Usual no. of coats	: One, providing the recommended film thickness is achieved
Flexibility	: Very Good
Abrasion Resistance	: Medium
Water Resistance	: Resists water splash and rain. Prolonged water contact may soften and loosen film and cause it to change to a milky appearance which will return to blue upon drying.
Weather Resistance	: Suitable for use externally for up to 6 months
Chemical Resistance	: Good for most common chemicals
Thinning	: Not required
Durability	: N/A
VOC Content	: 55 grams per litre (APAS D182)

MERITS:

1. Low VOC's
2. Easy application – spray, roller or brush
3. Can be painted over
4. Fast drying

LIMITATIONS:

1. Cannot be applied in extreme heat and direct sunlight, or hot drying wind.
2. Do not use on etched, frosted, stained or lead lighted glass.
3. Not suitable for use on plastic or Perspex surfaces.
4. Not suitable for application when rain is expected or when temperatures could fall below 5°C during the drying/curing cycle.

(Continued)



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LIMITATIONS (Continued):

5. Shield n Peel products can be applied to new or existing surfaces. When applying to existing surfaces, extra care must be taken to assess the porosity of the surface as erosion and weathering may cause a previously non-porous surface to become porous. Any surface you intend to coat with Shield n Peel products, should be thoroughly tested, including leaving the test patch on the surface for a sensible period of time to allow accurate evaluation of the product's protectability and removability from the surface.

Store for up to 12 months in a clean dry area above 10° C.

Keep the lid sealed and airtight when not in use. DO NOT allow product to freeze.

Warranty: Guru Corporation PTY LTD makes no warranties, expressed, or implied including but not limited to, the implied warranties of merchantability and fitness for a particular purpose. Suggestions and recommendations are made without warranty or guarantee of any kind. The buyer assumes all risk and liability when using Shield n Peel products.

APPLICATION DATA

Mixing : Stir thoroughly as some settling may occur during transport
Equipment : Spray or long nap (20mm) roller. Brush for small areas or touch-up only.
Cleaning : Wash all equipment with clean soapy wash and flush with clean 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: Use conventional or airless equipment, depending on the area to be protected. Avoid sags or runs as this will contribute to uneven film build which promotes premature film degradation.

Rolling: Use a premium quality long nap lamb's wool roller. Apply a thick uniform coat. Do not "over work" the coating. Lay off with a soft finish. The finished area should be tested for recommended film thickness.

Brushing: Use a clean soft synthetic bristle brush for small areas and touch up only. Ensure adequate film build is achieved.

WORK STOPPAGES : Do not allow material to remain in hoses, gun or spray equipment. Thoroughly flush all equipment with Shield n Peel recommended cleaner.

CLEAN UP : Clean all equipment after use with clean soapy wash 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 4 and 15L buckets. For availability of other sizes, contact Shield n Peel.

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



SHIELD n PEEL®
SHIELD IT TO PROTECT IT



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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 Shield n Peel. Users should familiarise 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 **Shield n Peel** products. If the surface intended to be painted differs from the specification, please consult the **Shield n Peel** Technical team on 1300 852 646

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.

For additional information, phone 1300 852 646

February 2020 - THIS DATA SHEET SUPERSEDES THOSE PREVIOUSLY ISSUED.