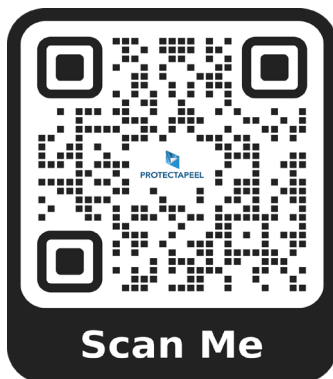


Technical --- Data Sheet

Protectapeel Aerospace E100



Apply At 300 Microns



PLEASE SCAN FOR CORRECT APPLICATION

PRODUCT DESCRIPTION

Protectapeel Aerospace E100 is a temporary peelable protective coating designed to protect internal non-porous surfaces from damage caused by; abrasion, staining, spillage and scratching. The liquid applied coating dries to form a tough film that will protect surfaces such as; cast acrylic, plastic, painted and polystyrene surfaces.

Protection for 12 months: Apply at a minimum of 300 Microns
Protection for 18-24 months: Apply at a minimum of 600 Microns

SURFACE COMPATIBILITY

Protectapeel Aerospace E100 will internally protect the following surfaces

Internal	External	Glass	Aluminium	Mild Steel	Acrylic	PVCu	Painted Aluminium	Wood/Timber	Polished Concrete
✓	✗	✓	✓	✗	✓	✓	✓	✗	✓

PRODUCT ADHESION

Protectapeel Aerospace E100 dries to form a tough, air-tight bond with the surface that does not lose adhesion throughout protection.



PRODUCT LIMITATIONS

Protectapeel Aerospace E100 has the following limitations:

- ✗ Do not use on wooden window frames or doors
- ✗ Do not apply if the temperature is below freezing
- ✗ Do not apply if the surface has a temperature of over 40°C

SPRAYLAT CANNOT BE HELD LIABLE FOR DAMAGES ON SURFACES PROTECTED WITH PROTECTAPEEL AEROSPACE E100

FAST APPLICATION

DURABLE PROTECTION

PPE

We recommend the following PPE when applying Protectapeel Aerospace E100



PACKAGING SPECIFICATION

Protectapeel Aerospace E100 is sold as standard in 15 kilo containers, theoretically covering 3.3m² per kilo, at a wet film thickness of 300 microns.

A standard pallet of Protectapeel Aerospace E100 is 44 x 15 kilo containers.

Sizes Available: 5kg, 15kg, 200kg, 1000kg IBC



APPLICATION TIME

Protectapeel is easily and quickly applied to flat, shaped and curved surfaces, covering approximately 3m² per minute using a Graco 390 airless spray gun.

STORAGE

Store at temperatures between 5°C - 25°C. DO NOT ALLOW PRODUCT TO FREEZE

SHELF LIFE

Shelf life is 24 months.

EASY REMOVAL

RESOURCES SAVED

PRODUCT SPECIFICATIONS

Protectapeel Aerospace E100 is clear as standard but is also available in grey upon request.

Tensile Strength: >10 MPa

Elongation: >400%

Adhesion: < 1.0 MPa

Viscosity: 5,500 ± 500 cP @ 20°C

Flash Point: N/A

Density: 1 - 1.1 kg l⁻¹

Solids Content: 32 ± 2 %

pH: 8-9

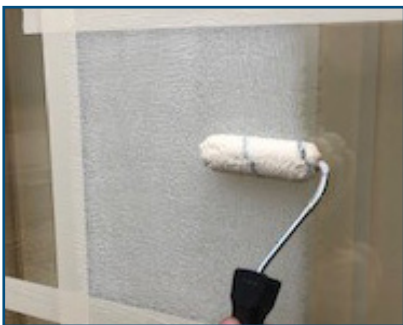
Maximum VOC: 3 g l⁻¹

FLAMMABILITY

Protectapeel Aerospace E100 is non-toxic and non-flammable in the wet state. The dry film waste may be disposed of as low hazard. Refer to the Safety Data Sheet (SDS).

PRE-APPLICATION

Always apply Protectapeel to a small test area first to confirm the substrate's suitability. Ensure all substrates are included in the test, making sure the product is applied at the correct minimum wet film thickness, using the gauge provided. Allow the product to dry for 48 hours, then check that Protectapeel peels away cleanly from each surface.



FAST APPLICATION

DURABLE PROTECTION

APPLICATION

Protectapeel is applied using an airless spray gun (such as a Graco 390) using a 17 thou tip size. ALWAYS STIR THE PRODUCT BEFORE USE.

Before you start spraying, make sure to mask off anything you don't want to coat with Protectapeel — things like keyholes, channels (including brushes or wool pile on sliding doors), brickwork, plaster, and timber (whether it's painted, varnished, or bare). Basically, if it's porous, mask it!

When you're ready, start by spraying in a horizontal motion, keeping your wrist straight and releasing the trigger at the end of each pass. Once you've covered the surface, switch to a vertical spray to create a nice even "box coat" effect. Keep a steady, consistent speed as you go for the best finish.



CURING TIME

A WFT of 300 Microns will be tack free in approximately 140 minutes at room temperature. Force drying may be used by using moving air and increasing the surface temperature to a maximum of 50°C.



EASY REMOVAL

RESOURCES SAVED

EASE OF REPAIR

If the protective coating rips, repair by lifting the ripped patch and apply a fresh coat to the underside and reseal. Alternatively, cut away the damaged area and apply a fresh coat.



REMOVAL

The dry film can be easily removed either by hand peeling or by pressure hose. Do not remove in freezing conditions as the coating may be brittle.



RECYCLING

Once Aerospace E100 has been removed, condense it down into a small ball and place in the Protectapeel Recycle Bags. We will then collect the bags free of charge and return them to our manufacturing facility for closed loop recycling.



CLEANING INSTRUCTIONS

Clean equipment with water immediately after use.



FAST APPLICATION

DURABLE PROTECTION



Do's & Don'ts

- ✓ Always do a test patch
- ✓ Use correct PPE
- ✓ Mix before use
- ✓ Use the correct tip size
- ✓ Store in a cool/dry place
- ✓ Use wet film gauge to measure - 300 Microns
- ✓ Mask all areas you do not want protected
- ✓ Always seal the tub when not in use
- ✗ Do not allow product to freeze
- ✗ Do not apply to porous surfaces
- ✗ Do not consume or get in eyes
- ✗ Do not mix with other products

More Information —
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