



## Product Information

**Description** - Protectapeel 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 for up to 12 months.

**Material Type:** Water based.

**Colour** - Clear. Also available in grey upon request.

**Health & Safety** - The compound is non-toxic and non-flammable in the wet state. The dry film waste may be disposed of as low hazard. Please see separate Safety Data Sheet (SDS)

**Storage** - Shelf life 12 months. Store at temperatures between 5°C - 25°C. DO NOT ALLOW LIQUID TO FREEZE.

**Surfaces** - Cast acrylic, plastic, painted & polystyrene surfaces.

## Application Information

**Application** - For detailed instructions please refer to the Protectapeel Application Guide and use a wet film gauge (available from Spraylat International Limited) to ensure that the minimum wet film thickness is achieved.

The contents of the container should be mixed thoroughly before use. Always conduct a test area and a test peel on each substrate before use.

**A minimum wet film thickness (WFT) of 250 Microns [75 Microns dry film thickness (DFT)] must be achieved, anything less may result in the product becoming difficult to remove.** Do not apply in wet or freezing conditions and protect from rainfall. By Spray – Apply with airless spray gun, using a 17 thou tip size and a box coat to achieve a minimum WFT of 250 Microns (75 Microns DFT).

By Lambswool Roller – Apply 2 coats, allowing 1st to tack off. Apply generously to achieve a minimum WFT of 250 Microns (75 Microns DFT).

**Tack Free Drying Time** - A WFT of 250 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.

**Coverage** - The theoretical coverage rate is approximately 4.5m<sup>2</sup> per kg at a WFT of 250 Microns.

**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.

**External Weather Resistance** - Protectapeel E100 is suitable for **INTERNAL USE ONLY** up to 12 months.

**Clean Down** - Clean rollers and equipment with water immediately after use.

**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.

## Technical Information

**Tensile Strength:** >10 MPa

**Viscosity:** 3000 ± 250 cP @ 20°C

**Solids Content:** 32 ± 2 %

**Elongation:** >1000 %

**Flash Point:** N/A

**pH:** 7-8

**Adhesion:** < 1.0 MPa

**Density:** 1.09 kg l<sup>-1</sup>

**Maximum VOC:** 0 g l<sup>-1</sup>

*General Note: It is important that this product is thoroughly evaluated under production conditions before being commercially adopted (Such an evaluation should incorporate a reference to ageing). The above recommendations are made in good faith for the guidance of users and are without liability. Any queries should be referred to our Technical Sales Department.*