

Product Information

Description - Protectapeel 1074 is the base coat component of Protectapeel's "Preservation System". The Preservation System is designed for use as a long term, external or internal storage solution including mothballing of most non-porous surfaces including plastic, metal and painted surfaces. Protectapeel 1074 Base Coat should only be used in conjunction with Protectapeel 1090 Top Coat. Protectapeel Preservation System Meets US Mil-C-6799C.



Material Type: Water based.

Colour - Black.

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 - Plastics, metals, porcelain, enamel paint and lacquer paint.

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.

For 12 months protection a minimum wet film thickness (WFT) of 300 Microns [100 Microns dry film thickness (DFT)], must be achieved, anything less may result in the product becoming difficult to remove. For 24 months protection a minimum WFT of 600 Microns, (200 Microns 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 300 Microns (100 Microns DFT). To achieve a 600 Microns WFT apply 2 coats, allowing the first coat to dry for an hour. Protectapeel 1090 Top Coat can be applied directly on top of the wet Protectapeel 1074 Base Coat.

By Lambswool Roller – Apply 2 coats, allowing the first coat to tack off. Apply generously to achieve a minimum WFT of 300 Microns (100 Microns DFT). To achieve a 600 Microns WFT apply 2 coats, allowing the first coat to dry for an hour. Once the Protectapeel 1074 Base Coat is tack free, Protectapeel 1090 Top Coat can be applied directly on top.

Tack Free Drying 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.

Coverage - The theoretical coverage rate is approximately 3m² per kg at a WFT of 300 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 - The Protectapeel Preservation System (Protectapeel 1074 Base Coat & Protectapeel 1090 Top Coat) is suitable for 12-24 months exposure.

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⁻¹

Maximum VOC: 0 gl⁻¹

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.