

External Application Only

Product Information

Description - ProActuv Instant is a temporary peelable protective coating designed to protect glass and most non-porous surfaces from damage caused by; abrasion, staining, spillage, weathering and scratching. The liquid product cures instantly under UV light to form a tough waterproof film that will protect external surfaces for up to 12 months.

Material Type - Urethane Acrylate.

Colour - Translucent Yellow.

Health & Safety - Care should be taken when handling the liquid product. Please see separate Safety Data Sheet (SDS). Once cured, the dry film is non-toxic and may be disposed of as low hazard waste.

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

Surfaces - Glass and most non-porous surfaces.

Application Information

Application - For detailed instructions please refer to the ProActuv Application Guide and use a wet film gauge (available from ProActuv) to ensure that the minimum 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 150 Microns must be achieved, anything less may result in the product becoming difficult to remove. Test to determine appropriate thickness for end use. Thicker coatings can be used to increase the scratch and impact resistance and will also improve peelability. Apply by spray, brush, roller, doctor blade or Meyer wire wound bar. To facilitate handling and spraying, the material can be heated up to 45°C.

UV Curing - ProActuv Instant will cure instantly when exposed to UV radiation. It can be cured under both Mercury and LED lamps. Contact ProActuv for equipment recommendations. Curing time may vary and will depend on dosage, intensity and film thickness. ProActuv Instant will achieve full cure under the following conditions:

Lamp	Intensity (W cm ⁻²)	Dosage (J cm ⁻²)	Exposure Time (s)
395 nm LED (Phoseon Firefly)	1.8	4.5	2.5
Undoped Mercury (Hg)	3.2	1.6	0.5

Film strength and anti-blocking properties will improve by increasing the dosages to 0.7 J cm⁻² (395 LED) or 4.8 J cm⁻² (Hg).

Tack Free Drying Time - Instant (when exposed to a suitable UV intensity and dosage).

Coverage - The theoretical coverage rate is approximately 6.5m² per kg at a WFT of 150 Microns.

Removal - The dry film can be easily removed by hand peeling.

External Weather Resistance - ProActuv Instant is suitable for external use for up to 12 months.

Clean Down - Clean equipment with solvents immediately after use (e.g. Acetone). DO NOT USE WATER.

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

Density: 1.04 g cm⁻³

Viscosity: 1800 +/- 200 cP @ 20 rpm, 19°C

Solids Content: 100 %

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.

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