

PRODUCT INFORMATION

442 - Heavy duty strippable protective coating

seal'n'peel

Strippable Protective Coatings

Seal 'n' Peel 442

Product

Seal 'n' Peel 442

Description

A heavy duty strippable coating for extreme industrial applications

Colour

Aluminium grey

Finish

Low sheen, stippled

Uses

Where a complete envelope type coating is required for long term and/or external storage and can easily be peeled away if and when required. Areas of common use are the protection, transport and storage ("mothballing") of military equipment, mining equipment, heavy industrial machinery, castings, moulds, tungsten carbide tooling, diamond drills, architectural brass, copper and aluminium. Also provides excellent protection for marble and sawn stone etc. Seal 'n' Peel 442 is suitable for extreme environmental atmospheres and will peel freely after many years of external exposure.

Properties

- * High impact resistance
- * Long-term weatherability
- * Excellent chemical resistance
- * Can web over gaps
- * Fast drying for reduced down-time
- * The original "Liquid Envelope"[™] - for most mothballing situations

Performance

Weather: Resistant to extreme weather conditions.

Chemical Resistance: Good for most common chemicals.

Abrasion Resistance: Excellent resistance to abrasion.

Water: Excellent resistance to fresh and salt water.

Temperature: Minimum 0°C maximum 80°C

Flexibility: Excellent long term flexibility.

Technical

Number of components: Single pack

Recommended Coverage: 0.8m² per litre @ 250 microns DFT

Recommended Film Build: 500 microns minimum DFT

Touch Dry: To touch in 5 minutes and to be handled in approx 1 hour.

Recoat: 5 minutes.

Full cure: Cures over several days, but is serviceable approx. 2 hours after application.

Application Method: Spray.

Thinning: Envelon Thinners 5

Clean Up: Wash all equipment with Envelon Thinners 5.

Shelf Life: 12 months in unopened containers. When stored below 30°C.

Handling: Highly flammable. Refer current MSDS.

Packaging: Available in 4 and 20 litre containers.

Number of coats: Minimum of 2



Hercules Aircraft at RAAF Base Point Cook Mothballed with SEAL 'N' PEEL 442

Surface Preparation

Surfaces must be clean, dry and free from grease, oil and silicone.

Mixing

Stir thoroughly. Best results will be achieved using a power stirrer. Seal 'n' Peel 442 is thixotropic so may require longer stirring in cold weather, if stored for a long time or stored in cold conditions. Smooth consistency is normal.

Thinning

Not normally recommended. Use straight from the can. Any thinning for workability should be done with Envelon Thinners 5.

Application

EQUIPMENT	Conventional Spray	Pressure Pot Spray	Airless Spray	HVLP Conventional	HVLP Pressure Pot
Fluid Nozzle	2.0-2.5mm	2.0-2.5mm	17-23 thou	2.0-2.5 mm	1.5-2.0 mm
Pressure to the Gun	30-50 psi	30-50 psi		30-50 psi	30-50 psi
Pot Pressure		30-50 psi			30-50 psi
Pump Ratio			16-20:1		
Pump Pressure			1000-1500		
Pressure to Air Cap				10 psi	10 psi

METHOD

Apply a wet even coat, using parallel passes overlapping by approx 50%. Cross coats also ensure an even final film thickness. Second and subsequent coats can be applied as soon as the first coat is touch dry. Care should be taken to make certain the recommended film build is achieved, as detailed overleaf, to ensure peelability when required and to provide optimum protection.

Removal

Score around all edges with a dull blade. Use caution not to damage the surface being protected. Remove the film by starting from an edge, peeling away. Please dispose of waste thoughtfully.

Safety

Contents are extremely flammable. Keep away from sources of ignition eg. naked flame, radiators etc. Application equipment must not spark. Keep contents sealed and away from children. Avoid breathing vapours during mixing and use. Wear protective clothing including safety goggles, gloves and respirator. If swallowed call a doctor or Poisons Information Centre. When spraying in confined areas assist ventilation to provide fresh air.

For more detailed safety precautions consult a Material Safety Data Sheet available from the manufacturer.

Precautions

- * Do not apply in direct sunlight or hot drying winds.
- * Seal 'n' Peel 442 contains solvents that may damage certain surfaces eg. Plastics and fibreglass
- * All surfaces must be tested for suitability before application of Seal 'n' Peel 442.

The information contained herein is based on tests believed to be accurate and reliable however any data, advice, recommendation, information, assistance or service provided by Dominion Plastic Industries in relation to goods manufactured by them or their use and application is given in good faith and is believed by Dominion Plastic Industries to be appropriate and reliable. However, any advice, recommendation, information, assistance or service provided by Dominion Plastic Industries is provided without liability or responsibility PROVIDED THAT the foregoing shall not exclude, limit, restrict or modify the right entitlements and remedies conferred upon any person or the liabilities imposed upon Dominion Plastic Industries by any condition or warranty implied by Commonwealth, State or Territory Act or ordinance void or prohibiting such exclusion limitation or modification. Coating systems can be expected to perform as indicated on this data sheet so long as application and procedures of the individual products are followed as recommended on the appropriate product data sheet.