



SHIELDCOAT^{PTY LTD}



EZ-shield

EZ-Shield is a flexible water-based generic (flexible acrylic) gloss coating that is weather and UV Resistant and has been developed and produced to be applied as a topcoat over non metallic surfaces such as Polyester Fibre.

Features

Waterbased
Single PAC product
>100% Elasticity
Excellent adhesion on Non metallic surfaces such as Polyester Fibre,
Good resistance to water exposure
UV and Weather Resistant
Available in a range of colours
Gloss finish
Non Flammable

Benefits

Easy application with brush or roller
Ready to use coatable single pack product

Coverage rate

Apply at the rate of 5m² per litre per coat to a suitably prepared surface. In most situations a minimum of 2 coats is required.

Application Instruction

EZ Shield can be coated over non metallic surfaces such as Polyester Fibre. The surface needs to be clean, dry and free from contaminants. Surface Temperature should be at least 15 Degrees Centigrade.

Apply first coat of EZ-Shield using a good quality paint brush or 12mm Nap Roller at the rate of 5m² per litre. This will give you a wet film thickness of approximately 150 microns and a dry film thickness of approximately 75 microns. Make sure all of the non metallic surfaces such as Polyester Fibre is fully coated with particular attention to the edges and joins.

There is normally no need to thin the coating down with potable water, however if it is excessively hot and the coating doesn't flow as easily then an addition of 500ml of potable water to a 15lt of EZ-Shield will help.

The coating is dry to touch in 60 minutes and can be re-coated in 2 hours .



Manufacturers Product Guarantee

SHIELD COAT PTY LTD, the manufacturer of EZ Shield, hereby guarantees the performance of its 2-coat EZ-Shield topcoat to provide weather and UV protection, when applied on top of non metallic surfaces such as Polyester Fibre, for a period of ten (10) years from the date of application.

Manufacturer's guarantee includes:

1. Replacement of product sufficient to re-coat defective area. At no time shall any material cost exceed that of the original cost.
2. That all products are strictly manufactured to the industry guidelines as specified by the raw product suppliers.

Manufacturer's guarantee application conditions:

1. Thorough cleaning of the surface of the non metallic surfaces such as Polyester Fibre, is required prior to the application of the EZ-Shield topcoat.
2. EZ-Shield is applied in two coats at 75microns DFT per coat, with a roller or paint brush at the recommended coverage rate of 5-6m² per litre, with a minimum drying time of 2 hours between coats.

Recommended maintenance during warranty period as per ASTM D610:

1. Periodical inspections at 12 months after application, and 5 years periodically then after, the initial inspection to ensure EZ-Shield topcoat is intact and performing with acceptance of natural degradation, wear and tear.
2. Re-apply EZ-Shield after ten (10) years.
3. Warranty performance is valid in case of mechanical impact, damages, severe extending weather condition.

SHIELD COAT EZ SHIELD

Product Information

Product description: EZ-Shield is a flexible water-based generic (flexible acrylic) gloss coating that is weather and UV Resistant and has been formulated to be applied as a topcoat over non metallic surfaces such as Polyester Fibre.

Features

- Waterbased elastomeric acrylic
- Single pack product
- >100% Elasticity
- Excellent adhesion on Polyester fibre flint surfaces
- Good resistance to water exposure after fully cured
- UV and Weather Resistant
- Available in a range of colours
- Gloss finish
- Non-flammable

Benefits

- Easy application with brush or roller
- Ready to use coatable single pack product

Coverage rates of EZ-Shield

Apply at the rate of 5m² per litre per coat to a suitably prepared surface. In most situations a minimum of 2 coats is required.

Product Properties of EZ-Shield

Density	1.04Kg/Lt
Solids Content	Approx. 52% by Volume
Elasticity	>100%
Flash Point	No Flash Point (non-flammable)
Temp. Resistance	Maximum 100°C
Gloss	Gloss (approx. 80% at 60o angle)

General information

Packaging	EZ-Shield is packaged in plastic 15Lt pails with tamper evident lids
Handling	Handle with care. Keep pails upright.
Storage	Store indoor, clean and dry, away from direct sunlight between +5 and +35°C. Keep from freezing. Shelf life 2+ years in the original unopened pails.

Application Instructions

General	Applicable over non metallic surfaces such as Polyester Fibre with EZ-Shield immediately after application. The top surface of non metallic surfaces such as Polyester Fibre, area to be coated needs to be clean, dry and free from contaminants such as oil, grease and silicones. Contaminants can affect coating adhesion. Ideal temperature for application is between +20°C and +32°C. Surface temperatures must be at least 15 °C. Use a good quality nylon or polyester paint brush/roller (12mm nap). Product does not normally require thinning, however up to 500mL of potable water can be added per 15Lt in hot conditions to aid product flow.
Step 1	Mix the product to ensure uniform consistency
Step 2	Apply first coat at a rate of 5m ² /Lt in order to achieve a wet film thickness of approx. 150 microns and a dry film thickness of approximately 75 microns. Ensure non metallic surfaces such as Polyester Fibre, is fully coated with particular attention to the edges and joins.
Step 3	Once first coat has had sufficient time to dry (usually around 2 hours in good weather) apply a second coat at a rate of 5m ² /Lt
Curing times (at 25oC and 60% Relative Humidity)	Touch Dry 60 minutes
	Recoat 2 hours
	Hard Dry 4-5 days
	Fully cured 2-4 weeks

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2. Re-apply EZ-Shield after ten (10) years.
3. Warranty Performance is invalid and/or void in case of mechanical impact damage.