

ECOPROTECT™ & ECOCLEAN™ Surface Protection Films



Films for all surfaces!

- ✓ Aluminium Composite Panels
- ✓ Aluminium & uPVC Profiles
- ✓ Stainless Steel
- ✓ Marble, Stone, Quartz
- ✓ Pre-Coated Metals
- ✓ Window & Glass
- ✓ Decorative Laminates
- ✓ HVAC/Vent/Duct
- ✓ Home & Automotive Carpets
- ✓ Plastic Sheets

75

Million
Square Meters

Surface Protection Films - Annual Capacity

Ecoplast Ltd.

Ecoplast Ltd.

1 4+ Decades of
Manufacturing
Experience

2 Public Company
- Listed on the
Bombay Stock
Exchange

3 ISO 9001,
14001, 22000
Certified

4 Start-of-the-
art Automated
Facility



Trusted and
innovative
suppliers of
Surface
Protection Films

ECOPROTECT™ Surface Protection Films for uPVC Door & Window Profiles



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ECOPROTECT™

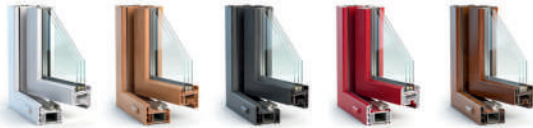
Surface Protection Films

for uPVC Door & Window Profiles

ECOPROTECT™ is a series of Surface Protection Films designed specifically for the protection of Door & Window Profile Systems.

There are numerous risks of damage, scratches, and contamination throughout the production, assembly, storage, transit, and installation phases of your profiles.

Our engineered protective films are tailored to provide a multitude of advantages throughout these processes.



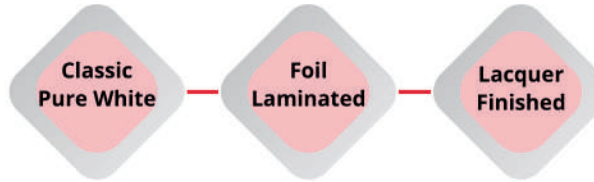
Unleash Architectural Creativity

It is clear to us that the number of colours, surfaces, and finishes have only increased with changing times to give consumers different architectural style choices.

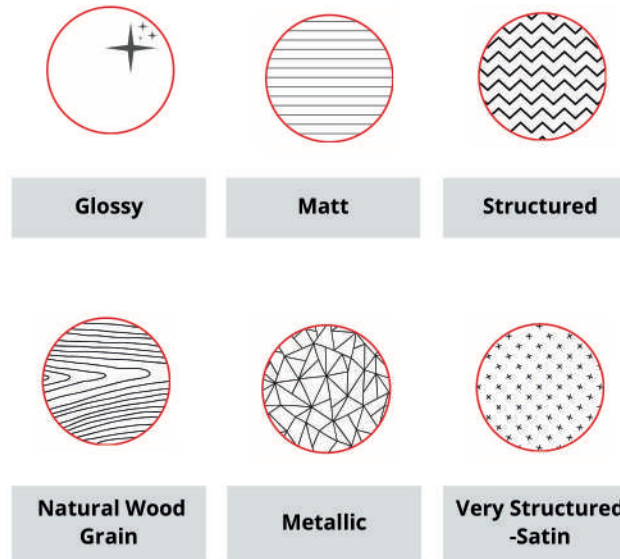
Therefore, in response to that, we have developed a wide range of solutions that can cover all your surface and process protection needs.

The protection solutions come in various combinations of film formulations, adhesive systems, and printing technologies.

PROFILE TYPES



SURFACE TYPES



KEY FEATURES



"Insta-Stick (TM)" Technology Adhesive Solutions:

1. Optimal adhesive strength is rapidly achieved as soon as the film is applied on both sides of the extruded profile. The film does not peel early and stick to the conveyor belt or the machine bed.
2. Ensure full adhesion power is attained in the shortest possible time, before the profiles reach the cutting and sawing stations. Risk of film lifting off is nil.
3. Optimal shear strength remains maintained when the mechanical load of the deburring operations is applied to the film's surface.



"Crisp-Cut (TM)" Technology Films are developed to achieve ideal puncture resistance, elongation, and tensile strength properties. Ensuring no fibers or strains



"Swift-Guide (TM)" Technology films ensure perfect sliding and COF (friction) characteristics on film surfaces. This guarantees smooth movement on conveyor systems, and effortless grasping, holding, and handling protected products.



"Print-Armour (TM)" Technology Printing & Coatings come with extremely high Scuff Resistance. This guarantees a highly abrasion-resistant film surface so the ink does not fade and "Ghosting" does not occur.



"Glow-Guard (TM)" Technology Films come with UV radiation-blocking properties. The film and therefore the profile surface does not deteriorate due to outdoor UV exposure for durations of 3, 6, 9, and 12 months.

FEATURED PRODUCTS & TECHNICAL DATA

Product	ECOPROTECT™ 600A1-X	ECOPROTECT™ 600A2-X	ECOPROTECT™ 600C-X/E-X	ECOPROTECT™ 600A3-X
Common Thickness (mic)	70	70	70	60
Common Colour	White Opaque	Black & White	Black & White	Metallized
Adhesive Type	Water Acrylic	Water Acrylic	Water Acrylic	Water Acrylic
Tensile Strength (gms/mm2) - MD	18 - 20	15 - 19	14 - 16	24 - 26
Tensile Strength (gms/mm2) - TD	14 - 16	14 - 16	17 - 19	23 - 26
Elongation (%) - MD	400 - 550	200 - 400	300 - 400	400 - 600
Elongation (%) - TD	750 - 900	800 - 1000	800 - 1000	650 - 850
Adhesion Value (gms/25mm)	80 - 140	100 - 200	300 - 500	70 - 150



ECOPROTECT™ Protection Films

for Doors Windows- Aluminium & uPVC Profile

- Customized Cut Widths: As low as 25 mm
- UV Protection
- Metalised Film for Aesthetics



<u>Product/ Surface</u>	<u>uPVC Profile</u>	<u>Aluminium Section</u>
Common Thickness	70 mic	70 mic
Common Colors	B&W/ WOP/ Clear	B&W
Adhesive Type	Water Acrylic	Water Acrylic
Adhesion to Steel	180 - 240 grams/25mm	70 - 150 grams/25mm
Product Offering	ECOPROTECT 309G - X	ECOPROTECT 102G - X

