

ECL 18SWS

Smart Selection



EK Ecoline uPVC (SL) Roofing Sheet.

100% Peace of Mind.

There's No Better Roof.

EK Ecoline Roofing System.

The Best Solar Roofs In This Era !

PRODUCT TESTED & QUALITY PROVEN

- ☀ Green Accreditation of Green Pages (Malaysia)
- ☀ SIRIM Tested BS 8414 - Part 1 : 2020
- ☀ SIRIM Tested BS 476 - Part 6 : 1989+A1 : 2009
- ☀ SIRIM Tested BS 476 - Part 7 : 1997

Eco-Friendly Building Materials That Help You Save Energy & The Earth.

EK Ecoline Roofing System.

The Most Eco-Friendly Construction Materials.

PRODUCT FEATURES

- ☀ Very Strong U.V. Protection
- ☀ Long Life Span (Durability & Longer-Lasting)
- ☀ Suitable For Solar Panels Installation
- ☀ Flame Retardant (Refer SIRIM BS 8414)
- ☀ Heat & Sound Insulation
- ☀ Environment Friendly & Energy Saving
- ☀ Impact Resistance & Low Temperature

GENERAL TECHNICAL & SPECIFICATIONS

- ☀ Roof Rib Height ≈ 18mm
- ☀ Thickness Range From ≈ 1.35mm to 2.00mm
- ☀ Effective Cover Width ≈ 762mm
- ☀ Overall Cover Width ≈ 825mm
- ☀ Ceiling Support Spacing ≈ 610mm ~ 914mm
- ☀ Length Lapping Add Additional Length 50mm
- ☀ Wall Purlin Spacing ≈ 1000mm ~ 1200mm

THICKNESS & WEIGHT			CEILING				WALLS			
No	Sheet Thickness	Weight (kgs)	Hanger Support	Hanger Rod	Ceiling Carrier	Main Carrier	Single Span	End Span	Internal Span	Stiffened Overhang
1	1.35 mm	2.805 kg	1220 mm	1220 mm	610 mm	2440 mm	610 mm	1200 mm	1200 mm	300 mm
2	1.50 mm	3.116 kg	1220 mm	1220 mm	610 mm	2440 mm	914 mm	1200 mm	1200 mm	300 mm
3	1.65 mm	3.428 kg	1220 mm	1220 mm	610 mm	2440 mm	1000 mm	1200 mm	1200 mm	300 mm
4	1.80 mm	3.739 kg	1220 mm	1220 mm	915 mm	2440 mm	1200 mm	1200 mm	1200 mm	300 mm
5	2.00 mm	4.155 kg	1220 mm	1220 mm	1220 mm	2440 mm	1200 mm	1200 mm	1200 mm	300 mm

EXTRA ADVANTAGES

- ☀ Life-Cycle Cost Savings
- ☀ No Additional Painting Requirement
- ☀ Homogeneous Product
- ☀ High Solar Heat Reflection
- ☀ Low Maintenance / Self Clean
- ☀ Weather Resistance Design For Tropical Climate
- ☀ High Electrical & Thermal Insulation
- ☀ 100% Anti Rusty & Strong Corrosion Resistance
- ☀ Durability & Longer Lasting Products
- ☀ Superior Acoustic Properties
- ☀ High Impact Resistance
- ☀ Light Weight & Unbreakable.
- ☀ Noise Due to Rain - Soft & Quiet.
- ☀ Material : Virgin Fresh Vinyl Chloride Resins
- ☀ Quick & Easy Installation
- ☀ Light Transmission Option
- ☀ Applicable For Internal & External
- ☀ Improved Facility Appearance

PACKING (Local Delivery & Export)

Local Delivery are Packed in Strapped Bundles x ±1 Tonne
 Export 40ft Containers - Roof Length 11800mm x ± 26 Tonne
 Export 20ft Containers - Roof Length 5800mm x ± 20 Tonne

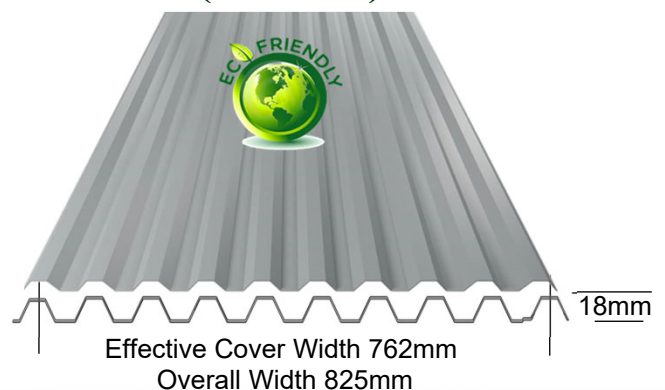
TWIN SCREW EXTRUSION PROCESS

Custom Twin Screw Extrusion Production Process.
 Formed to a Maximum Transportable Length
 (Cut to Size) Minimise Wastage of Materials

ECL 18 SWS & ECTSL 18 SWS

Smart Wall Selection

(10 Wave)



Vertical Installation

Horizontal Installation

Three Colour Combination
(Colour Grey Series)

- ☀ Thickness Tolerances Length ± 10mm, Width ± 3mm, Sheet Thickness 7.50%
- ☀ Manufactured from High Grade 100% Fresh Polyvinyl Chloride & Additive with Corrosion Inhibitive Treatment
- ☀ EK Ecoline Industrial Roofing Warranty up to 20 years. (Term & Conditions Apply)