

ECL 45HR Classic Profile



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 ≈ 45 mm
- ☀ Minimum Slope 5°
- ☀ Thickness Range From ≈ 1.50mm to 2.50mm
- ☀ Effective Cover Width ≈ 690mm
- ☀ Overall Cover Width ≈ 780mm
- ☀ Roofs Purlin Spacing ≈ 1200mm ~1300mm
- ☀ Roofs Lapping Add Additional Length 300mm
- ☀ Wall Cladding Purlin Spacing ≈ 1500mm ~1700mm

THICKNESS & WEIGHT			ROOFS				WALLS			
No	Sheet Thickness	Weight (kgs)	Single Span	End Span	Internal Span	Stiffened Overhang	Single Span	End Span	Internal Span	Stiffened Overhang
1	1.50 mm	3.391 kg	1200 mm	1200 mm	1500 mm	300 mm	1500 mm	1500 mm	1800 mm	200 mm
2	1.65 mm	3.730 kg	1200 mm	1200 mm	1500 mm	300 mm	1500 mm	1500 mm	1800 mm	200 mm
3	1.80 mm	4.069 kg	1200 mm	1200 mm	1500 mm	300 mm	1500 mm	1500 mm	1800 mm	250 mm
4	2.00 mm	4.521 kg	1200 mm	1200 mm	1500 mm	300 mm	1500 mm	1500 mm	1800 mm	250 mm
5	2.20 mm	4.973 kg	1200 mm	1200 mm	1500 mm	350 mm	1600 mm	1600 mm	1900 mm	300 mm
6	2.50 mm	5.651 kg	1300 mm	1300 mm	1600 mm	350 mm	1700 mm	1700 mm	2000 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

ECL 45HR & ECTSL 45HR Classic Profile (4 Wave)



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



☀ 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)