

CERTIFICATE of QUALITY

Dated : 16 April 2018



Customer : Sơn Bằng
PO No. : P O 4 6 0 4 1 8
Product Name : Twinlite®
Product Description : Polycarbonate roofing twin wall sheet

This document certifies that the following product and specific batch shipped to the customer has been manufactured in accordance with company standard specification and conform to all requirements of the purchase order. Any applicable specifications are listed below:

| Specification | Standard | Test Result |
|------------------------|-------------------|-------------------|
| Thickness (mm) | 5.0 | 5.0 |
| Length (mm) | 5,800 [+20] | 5,800 |
| Width (mm) | 2,100 [+10] | 2,100 |
| Base Material | Polycarbonate | Polycarbonate |
| Color | Silver Millennium | Silver Millennium |
| Light Transmission (%) | 19-20 % | 20% |
| UV Protection | Co-extruded | PASS |

THIS CERTIFICATE OF QUALITY CONSISTS ONLY ONE PAGE AND NOT TO BE SIGN



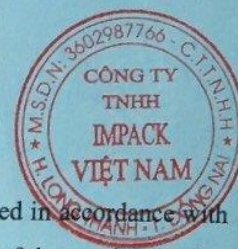
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CERTIFICATE of QUALITY

Dated:

Product Name : **SolarFlat®**
 Product Description : Polycarbonate solid roofing sheet



This document certifies that the following product has been manufactured in accordance with our company's standard specification and conforms to all requirements of the purchase order. Any applicable specifications are listed below:

| Product | SOLARFLAT® | | | | | | | |
|------------------------------------|--|-----------|-------|-------|-------|-------|-------|-------|
| Base material | Polycarbonate resin, from Bayer or Sabic | | | | | | | |
| Gravity (kg/ m³) | 1200 | | | | | | | |
| UV protection | Co-extruded | | | | | | | |
| Width | 1.22m, 1.52m, 1.8m, 2.1m, or customized | | | | | | | |
| Length | 20m, 30m, or customized | | | | | | | |
| Light transmission (%): | | | | | | | | |
| Color | Profile | Thickness | | | | | | |
| | | 2.0mm | 2.5mm | 2.8mm | 3.0mm | 4.0mm | 4.7mm | 5.0mm |
| Clear | Plain | 88-90 | 88-90 | 88-90 | 88-90 | 88-90 | 88-90 | 88-90 |
| Tosca | | 33-36 | 33-36 | 33-36 | 33-36 | 33-36 | 33-36 | 33-36 |
| Bronze | | | | 7-9 | 7-9 | | | 3-5 |
| Cool Green | | | | 29-30 | | | | |
| Opal | | | | 26-27 | | | | |
| Silver Millennium | | | | 29-30 | | | | |
| Clear | Embossed | | | 88-89 | | | | |
| Bronze | | | | 11-12 | | | | |

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SolarFlat®
 High Quality Solid Polycarbonate Sheet