

# Macrolux®

POLYCARBONATE  
SHEETS & SYSTEMS

 swiss made

EN

 **Stabilit**

**Stabilit Suisse SA** is the Swiss company leader in the manufacture of polycarbonate sheets and systems. With an organization comprising a team of around 100 people and boasting an R&D laboratory, a Quality System and production lines among the most modern that allow to offer innovative products that anticipate market trends.

**Stabilit Suisse SA**, offers 30-plus years of experience in working with polycarbonate and enjoys an international reputation built on the back of worldwide product sales (on 5 continents, in more than 42 countries, from South America to Japan), successfully catering to the specific demands of local markets.



COMPANY WITH  
QUALITY SYSTEM  
CERTIFIED BY DNV  
ISO 9001



**Stabilit Suisse SA** is part of a worldwide multinational Group focused on the production of plastic products particularly wellperforming in the construction field as well as in other sectors of application.

The synergy between the Group companies provides a very strong presence in many countries and several continents allowing to offer a wide range of products and a high level of technical and logistical support.





The unique properties of our products make them ideal for a whole host of different applications, such as: architecture, industrial construction, urban design, agriculture, lighting, automotive, interior design and furniture and DIY.

**Stabilit Suisse** is a leader in promoting innovative solutions that anticipate customer demands and market trends, predicting future needs and staying at the cutting edge. **Stabilit Suisse SA** is the go-to partner for customers looking for a company who will be with them every step of the way, from the drawing board through to installation of the finished product.



# Macrolux®

## Polycarbonate sheets

- Lightweight
- High thermal insulation
- Excellent impact resistance
- Good light transmission
- Good fire performance
- Guaranteed and certified quality
- UV protection applied by co-extrusion

# Macrolux® Systems

## Polycarbonate multiwall systems

- Lightweight
- High impact resistance
- Good light diffusion
- Easy to use & simple assembly solution
- Excellent thermal insulation
- Good fire performance
- UV protection applied by co-extrusion

### Also available in the following variants:



**LL**  
UV protection  
on one side



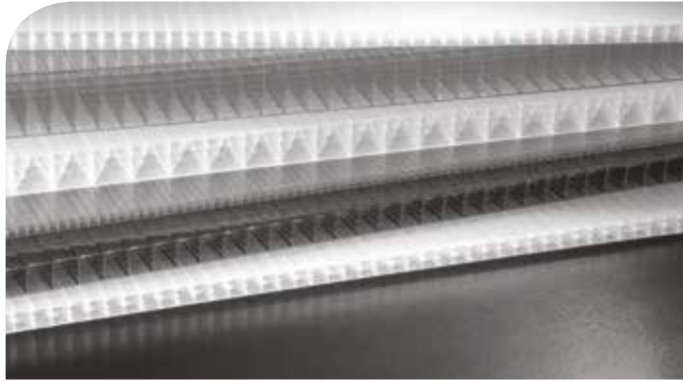
**XL**  
UV protection  
on both sides



**PLUS**  
Extra  
UV protection



**ANTIGLARE**



## Macrolux® Multiwall


### POLYCARBONATE MULTIWALL SHEETS


Macrolux® Multiwall sheets are a product of the most advanced manufacturing techniques. Their multiwall structure allows them to meet the most exacting application performance demands. Available in thicknesses ranging from 4 mm to 60 mm with a wide choice of different structures, Macrolux® Multiwall sheets are at the cutting edge when it comes to efficiency, energy savings and optical and mechanical properties.

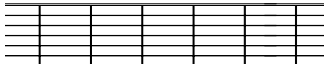
- Macrolux® Multiwall LL
- Macrolux® Multiwall XL
- Macrolux® Multiwall Solar Control



### Structures Macrolux® Multiwall

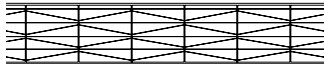
**2W**   
Thicknesses: 4 6 8 10

**3W**   
Thickness: 16

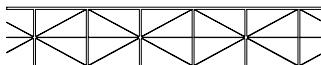
**7W**   
Thicknesses: 16 20 25

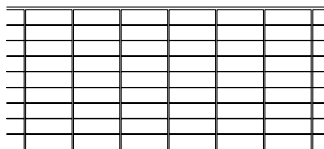
**3Q**   
Thicknesses: 6 8 10

**5W**   
Thicknesses: 16 25

**10X**   
Thicknesses: 20 25 32 40

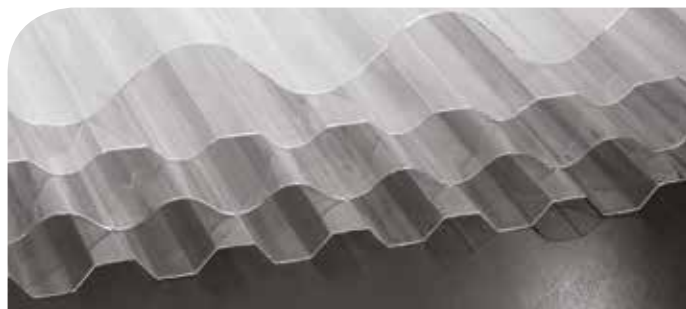
**4W**   
Thicknesses: 6 10

**5X**   
Thickness: 16

**10W**   
Thicknesses: 40 50 55 60



# POLYCARBONATE SHEETS



**Macrolux<sup>®</sup>  
Rooflite<sup>®</sup>**

**POLYCARBONATE  
CORRUGATED SHEETS**

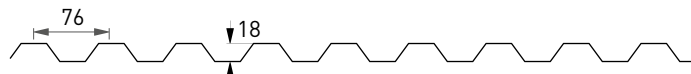
**Macrolux<sup>®</sup> Rooflite<sup>®</sup>** sheets come in two options - trapezoidal or sinusoidal - and are designed to cater to various different types of applications in the building, agricultural and industrial field. Available in different shapes and thicknesses, they match perfectly with a wide range of sheet metal profiles and/or with sandwich panels. The corrugated sheets are particularly suitable for agricultural use for roofing greenhouses where light transmission is a crucial requirement.

## Example Structures Macrolux<sup>®</sup> Rooflite

### • Onda 76 / 18



### • Greca 76 / 18



### • Greca 250 / 40



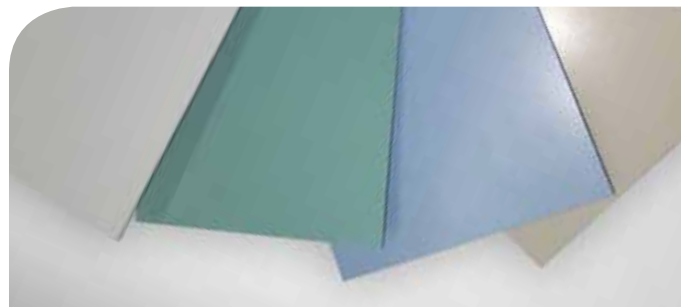
**Macrolux<sup>®</sup>  
Solid**

**POLYCARBONATE  
COMPACT SHEETS**

**Macrolux<sup>®</sup> Solid** compact sheets are the ideal solution in fields of application where impact resistance and excellent light transmission are primary requirements: glazing, parapets, canopies, skylights, curved roofing systems, signage in general, neon signs, road signs, noise barriers. Le lastre **Macrolux<sup>®</sup> Solid** sheets come in a choice of translucent and opaque colours.

- **Macrolux<sup>®</sup> Solid NO UV**
- **Macrolux<sup>®</sup> Solid XL**

Thicknesses:



**Macroclean<sup>®</sup>** **CLADDING  
SYSTEM FOR WALL  
PROTECTION**

**Macroclean<sup>®</sup>** is a new thermoplastic cladding system solution, introduced for lining of interior walls in public spaces and hospital structures, with excellent aesthetic values. **Macroclean<sup>®</sup>** is a solid sheet with an opaque, anti-reflective surface, offering high resistance to impact.

Thickness: **1.7**

**Antibacterial, hygienic  
and easy to clean.**

# Macrolux® Systems



Thicknesses:

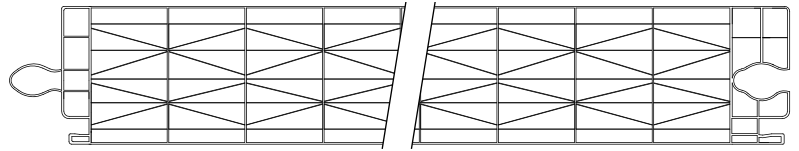
20

40

50

55

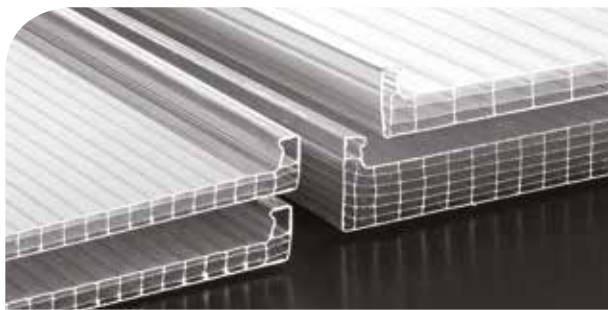
60



**Modulit®**

**MODULAR SYSTEMS  
FOR WALLS**

**Modulit®** is a polycarbonate system extruded in modular panels used for the production of translucent vertical and / or inclined walls. The system is made by means of panel coupling, provided by "male / female" joints for a perfect fit.

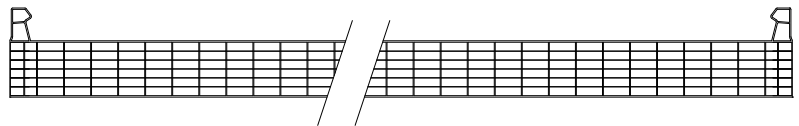


Thicknesses:

10

16

25



**BDL**

**MODULAR SYSTEMS  
FOR ROOFS  
AND WALLS**

**BDL** is the ideal solution for the creation of skylights or transparent roofs, both flat and curved. The union between the panels is obtained in a simple and effective manner through the use of specific polycarbonate snap-on profiles.



# POLYCARBONATE SYSTEMS



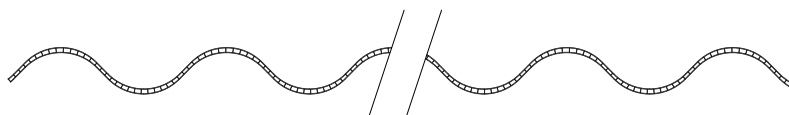
**Ondatec**

**CORRUGATED  
MULTIWALL  
PANELS**

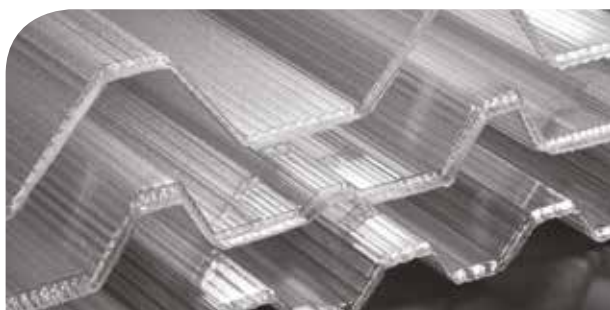
Thicknesses:

2.5

6



**Ondatec** panels are recommended for applications which require natural daylighting where the panels will be installed to match metal or fibre cement profiles. It overlaps laterally and longitudinally, thus creating the possibility to realize lengths covering the whole slope.



**Grecatec®**

**CORRUGATED  
MULTIWALL  
PANELS**

Thicknesses:

2.5

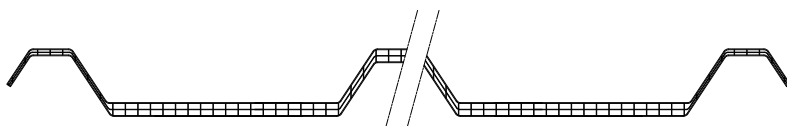
6

10

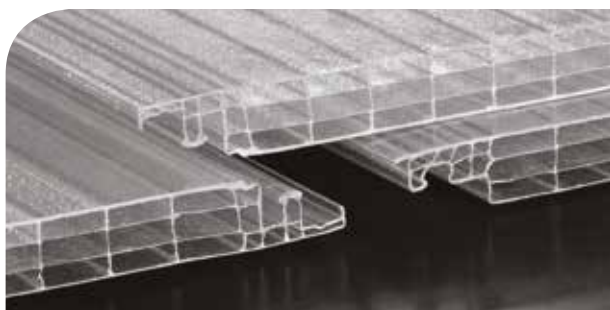
12

16

25



**Grecatec®** panels are recommended for applications in combination with sandwich panels of the major manufacturers, to create daylighting. They are especially suitable in replacement or refurbishment of ridge/gutter roofing applications for the production of large surfaces.

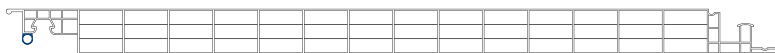


**Click 16**

**CONNECTED  
MULTIWALL  
PANELS SYSTEMS**

Thickness:

16



**Click 16** system for roofs and walls is ideal for the construction of flat roofs and small areas such as carports, canopies, verandas and greenhouses. The simple assembly even allows the installation by unskilled hands: the specific side overlap of the Click 16 panel allows an easy fitting of the panels without the need for profile joints. It is an ideal product for DIY.

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**Macrolux®  
Multiwall**

**Macrolux®  
Rooflite**

**Macrolux®  
Solid**

**Macroclean®**

**Modulit®**

**BDL**

**Ondatec**

**Greccatec®**

**Click 16**

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**Distributor**

