

## Product description

Click 16® is a system used in roofing applications and mainly for "do it yourself" applications. The simple assembly even allows the installation by unskilled hands, indeed the specific side overlap allows an easy fitting of the panels without the need for profile joints offering a very cheap solution and with an high aesthetic design.

### Sector

Industrial / Commercial  
Residential / Urban buildings  
DIY

### Application

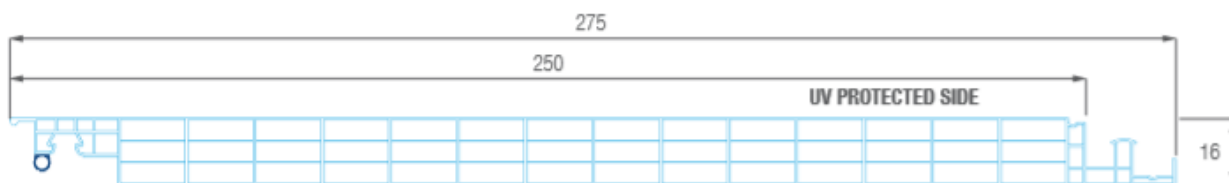
Continuous translucent flat roofs with load structure  
Translucent canopies for cars and garages. Curved entries / Urban buildings  
Brico translucent roof

### Advantages

Easy and quick installation  
High thermal insulation  
Good light transmission  
Excellent impact resistance

## Profile:

### PROFILE: K19 - 16 -250 (con junta)



## Technical characteristics

Properties	Value
Thickness	16 mm
Walls nr	4
Width	275 mm
Useful width	250 mm
Length	On request
Light transmission	Clear: 65 % White Opal: 41 %
Thermal expansion coefficient	$6,5 \times 10^{-5} \text{ K}^{-1}$ (0,065 mm/m°C)
Thermal transmittance (U)	2,1 W/m² K
Service temperature	-40°C a +120°C
UV protection	External side
Reaction to fire	B s1 do

## Certificates

- 10 years limited warranty
- Reaction to fire certificate according to: Bs1do

# Click 16

## TECHNICAL DATA

Click 16 mm

Translucent sheet

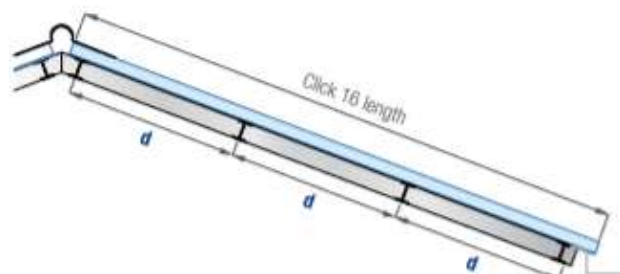
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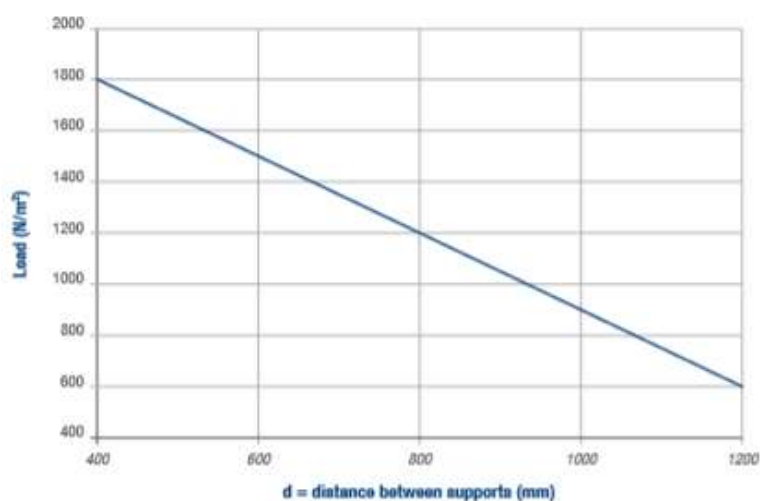
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Admissible load:



### Load chart with 3 or more supports for FLAT solution



Pressure —

NOTE:  
minimum recommended slope 15%.

Recommended installation

## Installation solutions

### Sheet / sheet joining system



# Click 16

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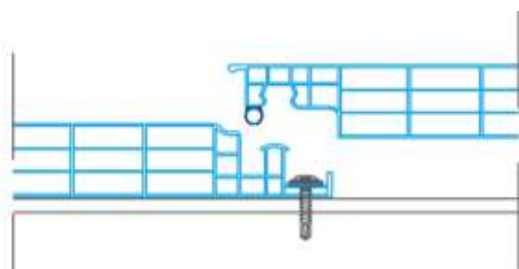
Translucent sheet

Code: TDS-D-16-K19

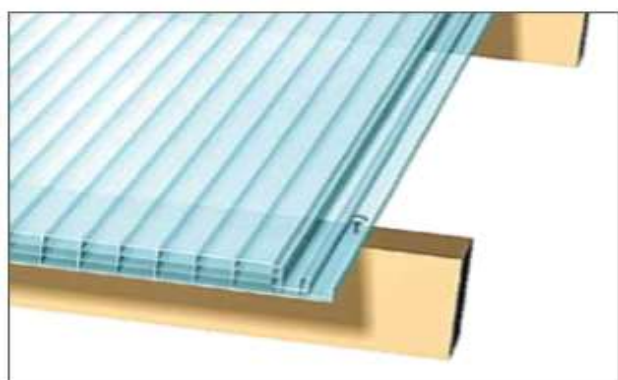
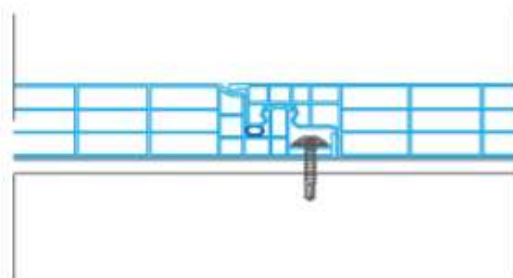
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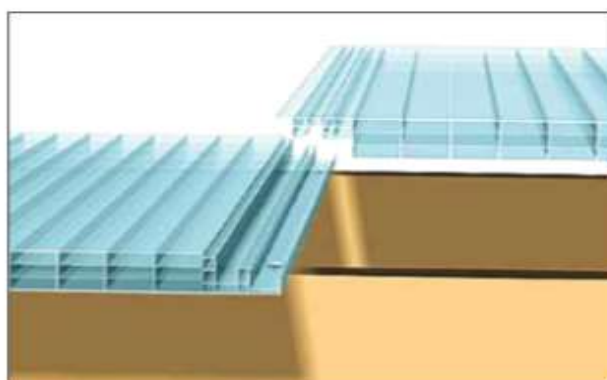
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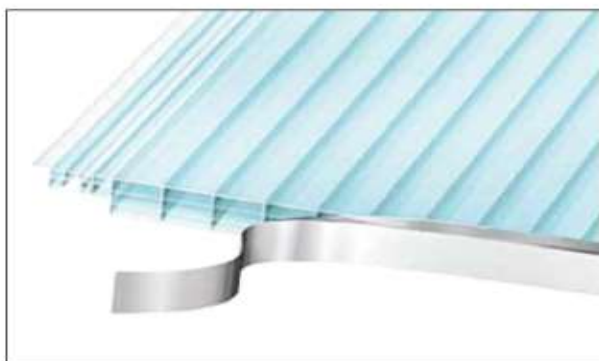
Sheet / sheet joining



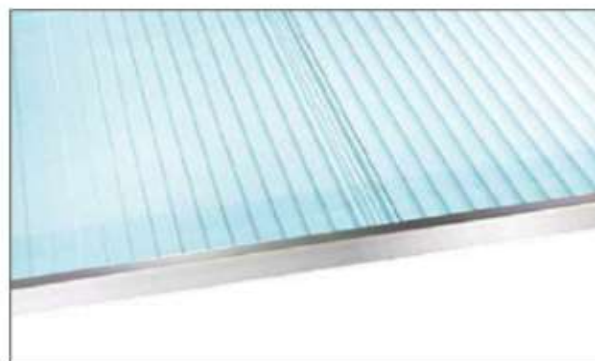
Fix the panel with a screw on each purlin.



Join the next panel, taking care to match the male / female profiles before applying pressure. Ensure that the panel is fixed.

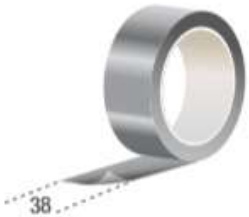
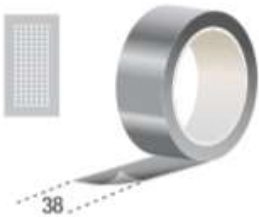


Close the ends of the Click 16 sheet with the adhesive aluminium tape.



Finish with border trim in aluminium or steel (not supplied).

## Click 16 accessories

	
Adhesive aluminium tape (50 m roll) - DIM. 50 mm	Perforated adhesive aluminium tape (50 m roll) - DIM. 50 mm
DIM. 38 mm	DIM. 38 mm

## Storage and handling



### KEEP SHEETS OUT OF THE RAIN

Sheets must be stored out of the rain to stop condensation forming inside the cells.



### KEEP SHEETS OUT OF THE SUN

In the event goods need to be stored while still in their packaging, do not leave the pallet in direct sunlight as this could generate high temperatures inside the packaging and make it difficult to remove the protective film on the sheets later.



### SHEETS HANDLING

Sheets must be handled with the utmost care to avoid damaging them with impacts or scratches, which would compromise the material's performance



### SHEET STORAGE

You can stack sheets up to three packs or pallets high. To stop the product coming into direct contact with objects liable to cause damage, you should place spacers or planks between the packs or pallets and any such objects.



### USING LIFT TRUCKS

For safer and easier handling, you should use lift trucks with forks that can be spaced at least 2 m. apart and are at least as long as the pack or pallet is wide. Exercise the utmost caution, handling the load carefully and avoiding sudden movements so as not to cause the material to rock or bump up and down excessively.



### HANDLING BY HAND

If individual sheets are to be handled by hand, you will need at least two people to carry the sheet on its side. When picking the sheet up off the pack or pallet, you must lift it off cleanly so that it does not scrape against the one underneath and turn it to lie on its side next to the pack.

## Installation instructions



### ALLOW FOR THE POLYCARBONATE'S THERMAL EXPANSION

Sheets must be fixed so that they are retained by at least one whole cell length on each side; an allowance for the material's thermal expansion should be added to this measurement.



### REMOVING PROTECTIVE FILM AFTER INSTALLATION

Sheets come with a protective film on both sides. There is a printed film on one side of the sheet to show you that this is the side to face out. Remove the film as soon as the sheets have been installed.



### SHEET SEALING

Where sealing is necessary, only use silicone, sealants, gaskets and paints that are comparable with polycarbonate.



### SHEET TAPING

Seal the ends of the sheets by applying adhesive aluminium tape to seal the cells and stop dirt getting inside the chambers.



### SHEET CUTTING

Sheets can be cut using common cutting instruments, such as vertical, horizontal or circular cutters, or reciprocating saws, provided they are fine toothed.



### SHEET DRILLING

Sheets can be drilled, provided suitable bits are used. Nonetheless, we do not recommend piercing the sheet with through fixings unless they are suitable slotted to allow for thermal expansion.

## Maintenance



### SHEET CLEANING

To care for sheeting, we recommend cleaning at least twice a year with water and non-alkaline detergents. Do not use abrasive equipment or solvents, which could damage the Surface of the sheeting



### DO NOT WALK ON TOP OF SHEETS

Do not walk directly on top of sheets during installation. We recommend placing a suitable supporting element on top to distribute weight evenly

The information referred to in this Technical Data Sheet is based on the experience and the tests carried out by the company, without this implying any kind of responsibility for its different applications, given that Stabilit Europa does not have any kind of control over its final use.

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Click 16 mm

Translucent sheet

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