

# NovaClick 1040 DAYLIGHT PANELS

A WIND AND WATERPROOF SYNTHETIC GLAZING SYSTEM

## NovaClick 1040 daylight panels

A wind and waterproof synthetic glazing system

NovaClick 1040 is a polycarbonate daylight panel that is specially developed for areas of application where strict requirements are set for light transmission and insulation values.

The NovaClick 1040 daylight panels are used in combination with clear, anodised or enamelled aluminium mounting profiles. The daylight panels are made of Marlon polycarbonate and have a co-extruded tongue and groove joint, creating a water and windproof glazing system.

EPDM rubber is applied to the top and bottom profiles. UV protection is applied to the daylight panels via co-extrusion, making them resistant to weather effects.

### Large spans

Depending on the type of daylight panel and the mounting profiles used, NovaClick 1040 can be used for large spans.

### Various colours available

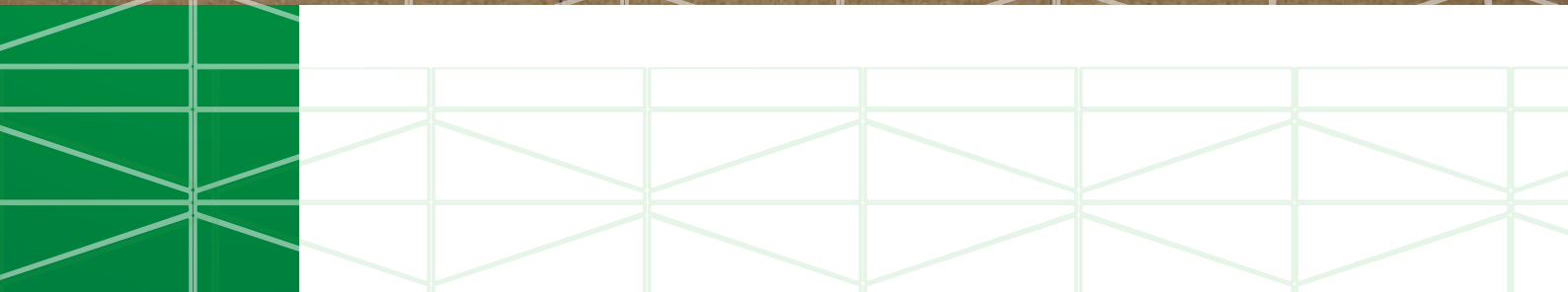
Apart from the clear and opal versions, the NovaClick 1040 daylight panels are available in various colours. Designers and architects have a lot of freedom in their use and design. For both roof, wall and shed covers.

### Fast mounting

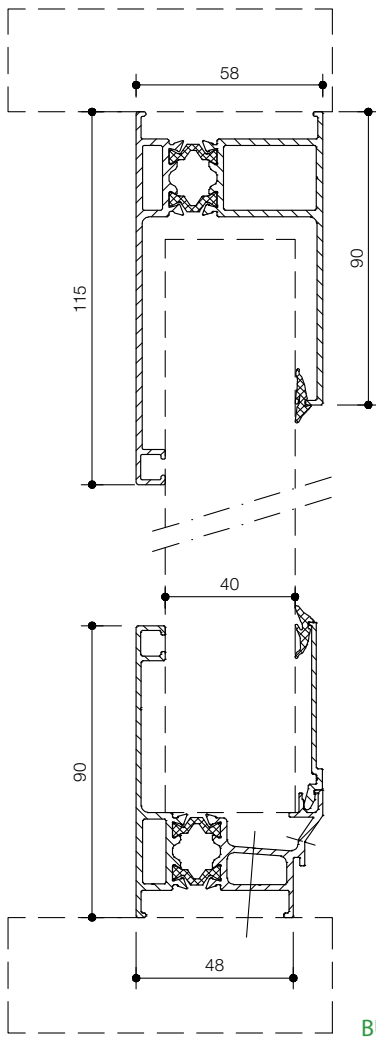
The pre-formed tongue and groove joint of the NovaClick 1040 daylight panels, combined with the available clear or enamelled aluminium profiles, guarantees fast and smooth mounting.

### Fire safety warranty

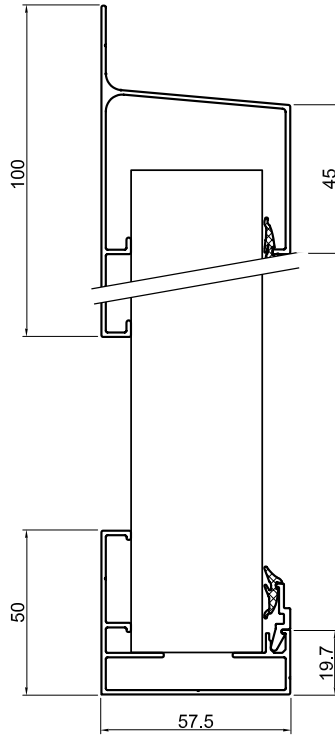
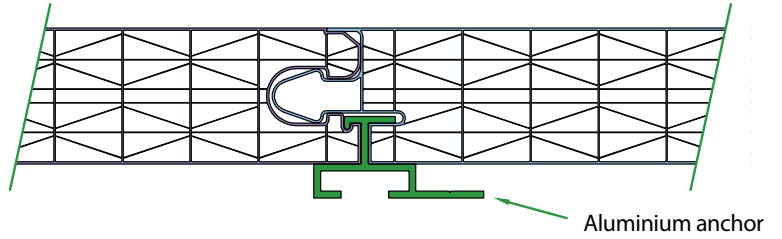
NovaClick 1040 daylight panels are covered by a 10-year warranty; they can withstand a temperature range between  $-40$  and  $+120^{\circ}\text{C}$ . NovaClick 1040 polycarbonate daylight panels have excellent self-extinguishing properties. In case of fire, the amount of smoke and toxic combustion gases created is low.



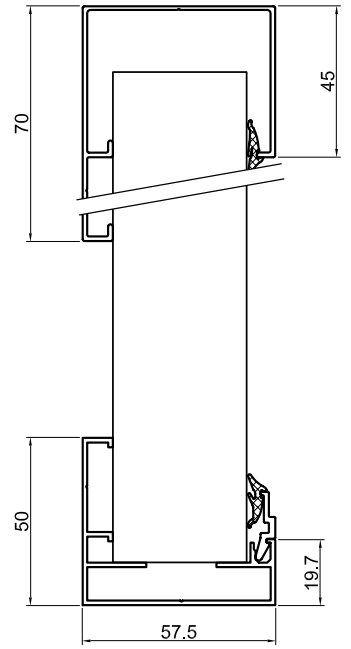
WITH THERMAL BARRIER  
NO COLD BRIDGE



BUILT-IN



SURFACE-MOUNTED



BUILT-IN



**NovaClick 1040 daylight panels**

- Made from Marlon polycarbonate
- Clear and opal versions
- Available in various colours
- High light transmission and insulation value
- Large freedom of application

- For wall-roof-shed covers
- Water and windproof glazing system
- Fast and smooth mounting
- UV protection
- 10-year warranty for weather resistance and breakage





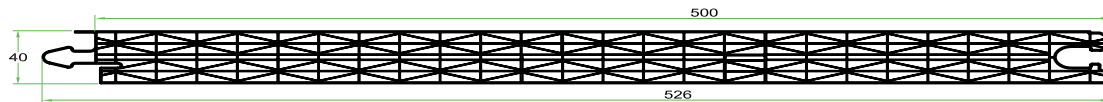




## NovaClick 1040 polycarbonate daylight panel

Ten-walled panel made of coextruded polycarbonate, with a thickness of 40 mm; fitted with a tongue and groove system. A UV-protective coextruded top coating is applied on one side.

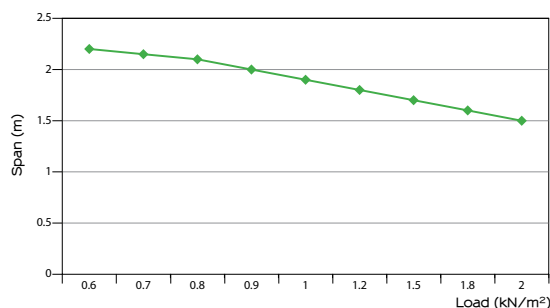
### Structure



### Technical data NovaClick 1040

thickness	40 mm
weight	4,3 kg m <sup>2</sup>
number of walls	10 stuks
effective width	500 mm
panel length	netto
saw tolerance	-0/+25 mm
colours	clear opal pearlescent {outside silver-grey, inside opal}
other colours	on request
insulation value	0,99EN673 W/m <sup>2</sup> K
acoustic insulation value	22 dB
thermal expansion	6,5 x 10 <sup>-5</sup> m/m°C
temperature resistance	- 40 / + 120 °C
protection	UV-protected on one side
production method	coextrusion
fire class	B1 DIN 4102 ~ EuroClassBsld0M1
impact resistance	outer wall class Q4{P08-302} inner wall class Q3{P08-302}
span	up to 2.500 mm
anchors	depending on span
light transmission	56 {clear} % 21 {opal} % 44 {pearlescent heat-reflecting} %
minimum slope	10° / 7%
minimum bending radius	not recommended
modification	tape at the ends {if required}

- Panels are cut to size. The crosscut edge can be taped off with special anti-dust tape.
- Can be used as vertical glazing, in stand construction or as roof glazing (minimum slope 7%).
- Assembly with associated profiles – see technical description on profiles and assembly description.
- For Europe the warranty period is 10 years for weather-resistance and breakage (impact of hail, etc.). This warranty may differ for non-European countries. A comprehensive warranty statement is available.



Van Boven Projectbouw BV T +31 (0)183 63 34 77  
 Schelluinsestraat 52-56 F +31 (0)183 63 39 84  
 Postbus 101  
 4200 AC Gorinchem info@van-boven.com  
 The Netherlands www.van-boven.com