



Discover the versatile thermal
Click-fix
light panels from Lightroof Systems!



Lightroof
Systems

Next-generation roof and wall cladding

www.lightroofsystems.com

Click-fix 16 mm, 40 and 60 mm



Click-fix skylights were developed as a sustainable solution for agricultural and industrial construction. Click-fix combines excellent thermal insulation with high light transmission. These robust Click-fix panels are frequently used in industrial and agricultural buildings. Polycarbonate's impact resistance combined with its UV resistance make this click panel an

exceptional building element for skylights and facade elements. The multi wall panel is manufactured from coextruded polycarbonate and is available in thicknesses of 16, 40 or 60 millimetres and equipped with a tongue and groove system. On one side it is finished in a UV protective coextrusion top layer, is 200 times more impact resistant than glass and is also fire safe.



Click-fix 16 mm



Click-fix 40 mm



Click-fix 60 mm

PROPERTIES

		16 MM	40 MM	60 MM
Colour		Transparent/opal	Transparent/opal/ in colour	Transparent
	Thickness	16 mm	40 mm	60mm
	Effective width	500 mm	500 mm	500 mm
	Length	net	net	net
	Weight (kg/m ²)	2.2	4.3	5.5
	Cutting tolerance	-0/+25	-0/+25	-0/+25
Fire rating	EN 13501-1	B-s1,d0	B-s1,d0	B-s1,d0
Light transmittance	Transparent	60	52	39
	Opal	45	21	
Free spans	500 N/m ² (Wind 100km/h)	1,300 max	2,350 mm	4,100 mm
	800 N/m ² (Wind 130 km/h)	1,200 max	2,100 mm	3,500 mm
Insulation U-value (W/m ² k)	EN673	1.99	0.99	0.71
Thermal expansion		6.5 x 10 ⁻⁵	6.5 x 10 ⁻⁵	6.5 x 10 ⁻⁵
Minimum slope		10%	10%	10%
Minimum bend radius (mm)		Not recommended	Not recommended	Not recommended



AVAILABLE IN VARIOUS COLOURS

On request and depending on the amounts ordered, our 40 cm Click-fix panels are available in various colours.



MOUNTING PROFILES FOR 16 MM, 40 MM AND 60 MM PANELS

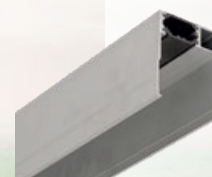
We recommend the Vee-lux profile for window structures up to 1300 mm high. Click-fix 40 mm or 60 mm are recommended for higher window structures together with our 40 mm and 60 mm mounting profiles. Both the 16 mm profiles as well as the 40 mm and 60 mm profiles are delivered as a complete set with rubber seals and spacers (16 mm).



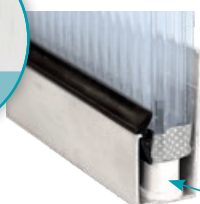
16 mm Vee-lux profile



40 mm profile above
for fitting in the facade (1)
Also available for fitting
against the facade (2)



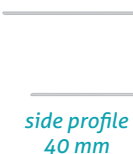
60 mm profile above,
thermal break profile



16 mm Vee-lux profile,
including spacers



40 mm profile below



side profile
40 mm



60 mm profile below
thermal break



Thermal
break
side profile 60 mm
with closing bar



Lightroof Systems is a supplier of daylight-transmitting, solar-heat-resistant roof and wall sheets. Our starting point has always been to listen carefully to the wishes and needs of the client, with the ultimate goal of advising you on the right roof or wall system in which quality, animal welfare and labour efficiency are paramount.

- ✓ IMPROVES ANIMAL HEALTH
- ✓ OPTIMAL ENTRY OF DAYLIGHT
- ✓ SAVES ENERGY

- ✓ IMPROVES PRODUCTIVITY
- ✓ HIGH INSULATION VALUE
- ✓ INCREASES JOB SATISFACTION



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