

Insulated Panels
Sweden

Kingspan

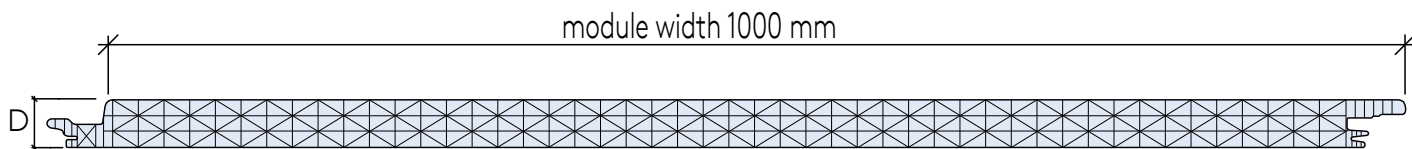
KS1000 WallLite

Product Data Sheet

Daylight translucent wall panel



Cross section

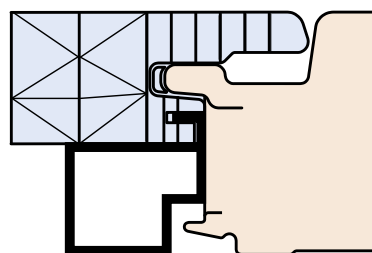


Application

Wall light panel KS1000 WL can be used for vertical and horizontal cladding. Maximal span is determined by the static tables calculation.

The application of panel should be verified for each project individually, in order to meet the design requirements.

Joint detail



Wall light panel KS1000 WL is a product designed for any buildings where wall panels Kingspan KS1000 AWP are used. The panel is made from polycarbonate and it helps to reach optimal thermal values of the insulated building. The panel is suitable for all types of buildings except those with high air humidity caused by the influence of building users or production processes. They are also not suitable for buildings with low inside temperature.

Technical details

Product	Module [mm]	Insulation core thickness D [mm]	Weight [kg/m ²]	Panel lengths [m]		Number of panels in bundle [pcs]	Heat transfer coefficient U [W/(m ² K)]	Sound reduction index [dB]	Fire parameters		Light transmission [%] ¹⁾
				Min. ⁽¹⁾	Max.				Reaction to fire	Fire resistance	
KS1000 WallLite	1000	38	4,7	1,0	8,0	-	1,25	-	B-s2, d0	-	55

Note:
1) Transmission range is 55 % for clear colour. In case of other colour shade, please contact with Kingspan.

Material

- Polycarbonate chamber board, thickness 38 mm.
- Colour: clear. It is possible to offer other colour shades according to actual stock situation.

Construction

- Modular width 1,000 mm
- Panel joint shape corresponds to the joint of panel KS1000 AWP
- Thickness difference between panel KS1000 AWP and panel KS1000 WL is solved by aluminum distance profiles
- Distance profiles are available for thicknesses of following panels: KS1000 AWP 60, 80, 100. For thicknesses 120 and 150 mm aluminum profile is connected with rectangular steel profile.
- Exterior side is provided with UV filter.

Reference documents

KS1000 WallLite panels are manufactured in accordance with the EN 16 153 and CE marked.

Quality

Kingspan insulating sandwich panels are made from the highest quality materials, using the latest manufacturing technology, meet the stringent quality control requirements, meet ISO 9001:2015 standards and guarantee long service life and reliability.

Guarantees & Warranties

The Kingspan guarantees are individually assessed for each project, especially depending on the aggressiveness of the environment and the type of surface treatment chosen.

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