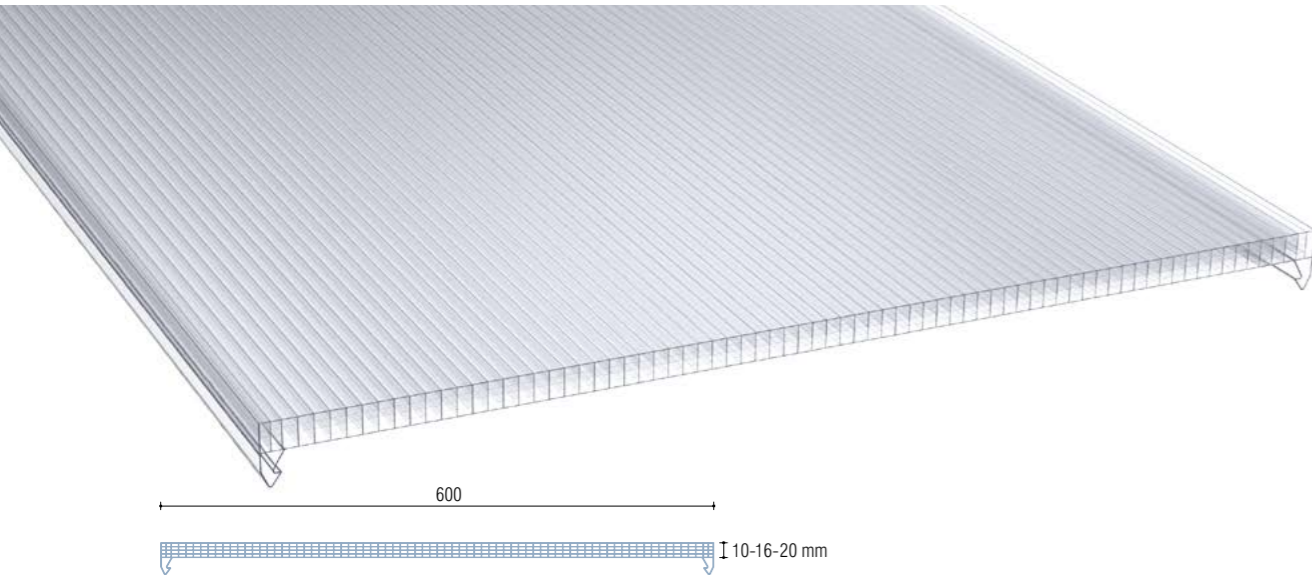


ALVE - ROOF DUAL SYSTEM 600

10/16/20 mm
JOINT SYSTEM



ALVE-WALL DUAL SYSTEM 600 10-16- 20 IS AN ALVEOLAR POLYCARBONATE SYSTEM, RECOMMENDED FOR THE CONSTRUCTION OF TRANSLUCENT ROOFS AND COVERINGS AND VERTICAL INFILL PANELS. THE SYSTEM IS COMPOSED OF PANELS IN ALVEOLAR POLYCARBONATE WITH 5-WALL DIAGONAL STRUCTURE, 10 mm THICK, 16 mm THICK, 20 mm THICK, MODULE WIDTH 600 mm, UV PROTECTED AND CO-EXTRUDED ON THE OUTER SIDE.

TECHNICAL SPECIFICATIONS

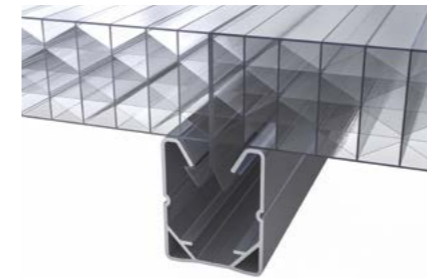
ALVE-WALL DUAL SYSTEM 600 10-16- 20 IS COMPOSED OF:
PANEL IN ALVEOLAR POLYCARBONATE UV PROTECTED, CO-EXTRUDED ON TWO SIDES, 5-WALL DIAGONAL STRUCTURE, COLOR ON REQUEST.
DIMENSIONS: MODULE WIDTH 600 mm, LENGTH CUT TO MEASURE.

- JOINING PROFILE IN POLYCARBONATE.
- ALUMINUM PLATE FOR PANEL FASTENING
- ALUMINUM / POLYCARBONATE SHUTTER FOR CLOSING THE ALVEOLI OR THROUGH HEAT-WELDING.

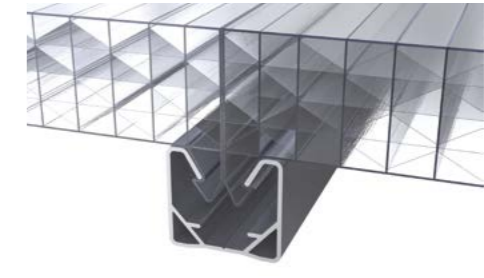
FOR CURVED ROOFS ALVECO DESIGNED AN ALUMINUM SYSTEM THAT GUARANTEES TIGHTNESS AND CAPACITY
SPECIAL JOINTS AND SUPPORTS GUARANTEE ELASTICITY AND VERSATILITY OF INSTALLATION.
MINIMUM CURVATURE RADIUS 2 METERS/THICKNESS 10 mm, CURVATURE RADIUS 4 METERS/THICKNESS 16/20 mm.

Thickness	10 mm	16 mm	20 mm
Width	600 mm	600 mm	600 mm
Length	on request	on request	on request
Color	Crystal / Opal	Crystal / Opal	Crystal / Opal
Light transmission	Crystal 65% / Opal 40%	Crystal 65% / Opal 40%	Crystal 65% / Opal 40%
Thermal transmittance	U= 2,50 W/m ² K	U= 1,90 W/m ² K	U= 1,70 W/m ² K
Linear expansion	0,065 mm/m °C	0,065 mm/m °C	0,065 mm/m °C
Fire resistance certification EN 13501-1	B-s1,d0	B-s1,d0	B-s1,d0
Operating temperature	min -30 °C / max +120 °C	min -30 °C / max +120 °C	min -30 °C / max +120 °C

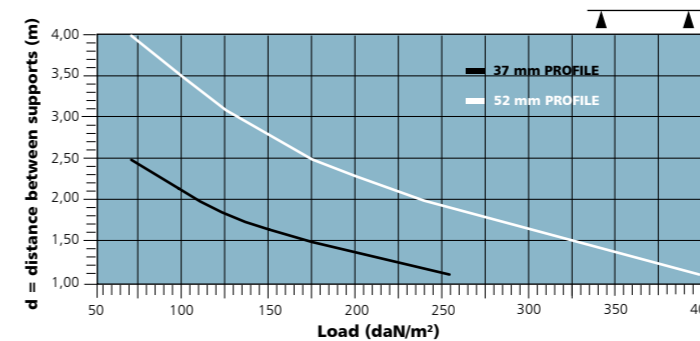
52 mm PROFILE



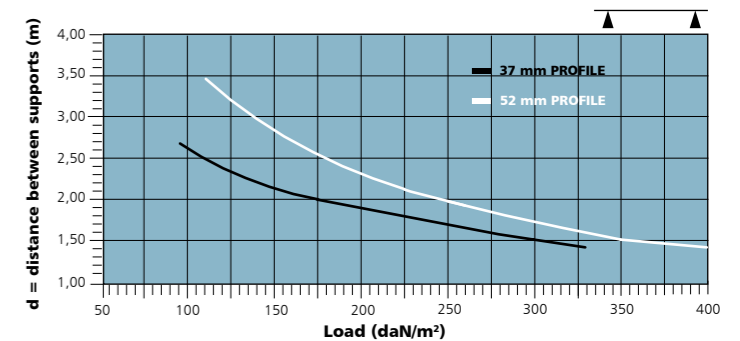
37 mm PROFILE



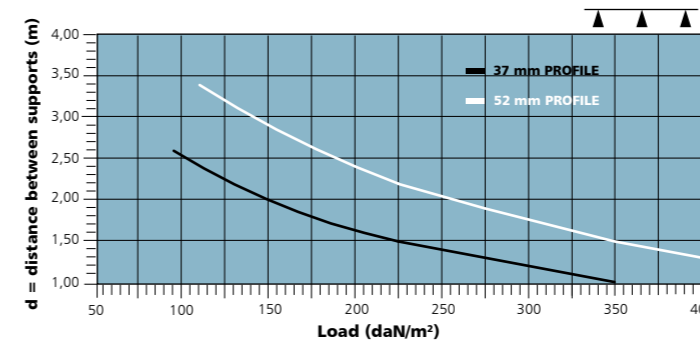
THICKNESS 10/16 mm PERMISSIBLE LOADS ON 2 SUPPORTS



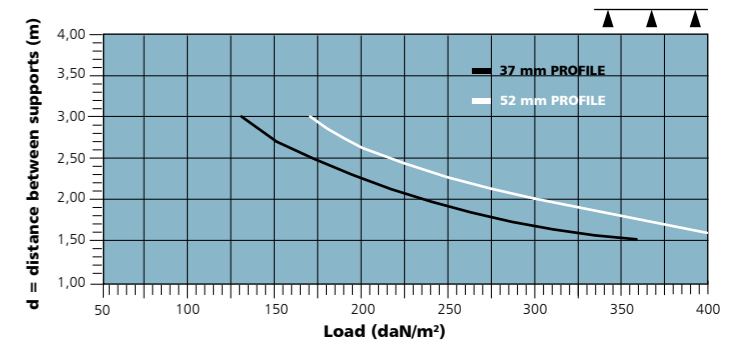
THICKNESS 20 mm PERMISSIBLE LOADS ON 2 SUPPORTS



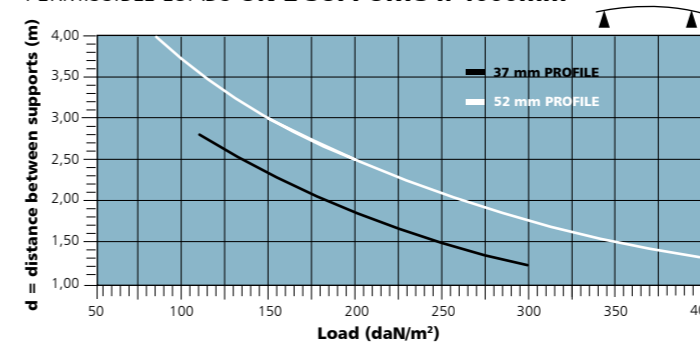
THICKNESS 10/16 mm PERMISSIBLE LOADS ON MULTIPLE SUPPORTS



THICKNESS 20 mm PERMISSIBLE LOADS ON MULTIPLE SUPPORTS

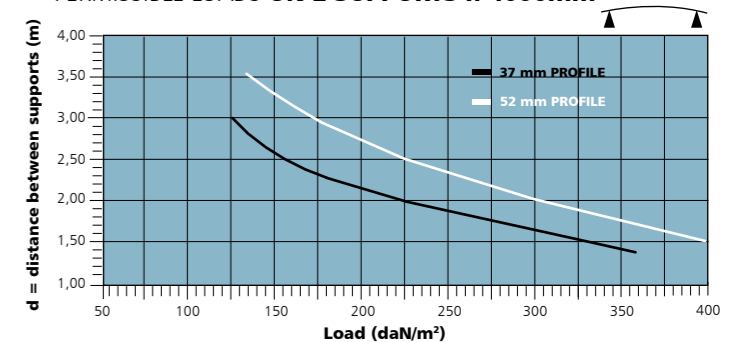


THICKNESS 10/16 mm PERMISSIBLE LOADS ON 2 SUPPORTS r. 4000mm



System resistance with evenly distributed load. The graph refers to a correct installation according to the Technical Manual.

THICKNESS 20 mm PERMISSIBLE LOADS ON 2 SUPPORTS r. 4000mm



System resistance with evenly distributed load. The graph refers to a correct installation according to the Technical Manual.