

Exolon® multi UV Onda 6

Corrugated multiwall polycarbonate sheet



Your benefits:

- good load bearing properties
- good light transmission
- easy to install

Exolon® multi UV Onda 6 is a corrugated multiwall polycarbonate sheet. It combines good load bearing properties, light transmission and excellent weather resistance. The sheet is lightweight, impact resistant and easy to install.

Exolon® multi UV Onda 6 is ideal for

- roofing

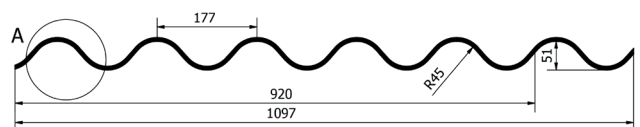
The UV coating of **Exolon® multi UV Onda 6** is applied by coextrusion and is homogeneously fused with the sheet. We give a 10-year warranty on this highly effective protection against sunlight and weathering. It must be ensured when installing the sheet that the UV coating faces upwards/outwards (towards the sun).

TECHNICAL DATA (TYPICAL VALUES)

Area weight	2,0 kg/m ²	
Thickness	6 mm	
Sheet width	920 - 1,097 mm +/- 5 mm	
Possible delivery lengths	on request	
Light transmittance τ_{D65} (UV-absorbing)	clear 1099 frost: white 1146:	ca. 72 % ca. 65 %
Total energy transmission g	clear 1099 frost: white 1146:	ca. 70 % ca. 69 %
Heat transfer coefficient U_g ⁽²⁾	3.3 W/m ² K	
Coefficient of thermal expansion α	0.065 mm/m °C	
Possible expansion due to heat and moisture	3 mm/m	
Max. service temperature without load	120°C	
Fire rating ⁽¹⁾ • Europe	clear 1099 frost } white 1146 }	B-s1, d0 (EN 13501-1)

⁽¹⁾ Fire certificates are limited in time and scope, always check if the mentioned certificate is valid for the purchased Polycarbonate sheet type at the date of delivery. Polycarbonate sheets may change their fire behavior due to ageing and weathering. The indicated fire rating was tested on new / unweathered Product in accordance with the indicated fire classification standards.

⁽²⁾ Heat transfer coefficient U_g according to EN ISO 10077-2



A (1 : 2)



Exolon® multi UV Onda 6

Corrugated multiwall polycarbonate sheet



Exolon Group S-Line, the standard product line, represents a range of certified quality products which offer the reliable solution for most applications.

When using **Exolon® multi UV Onda 6** in roof installations, the forces exerted by snow and wind loads must be absorbed by a suitable substructure. We recommend implementing the support distance indicated in the diagram for the respective loads.

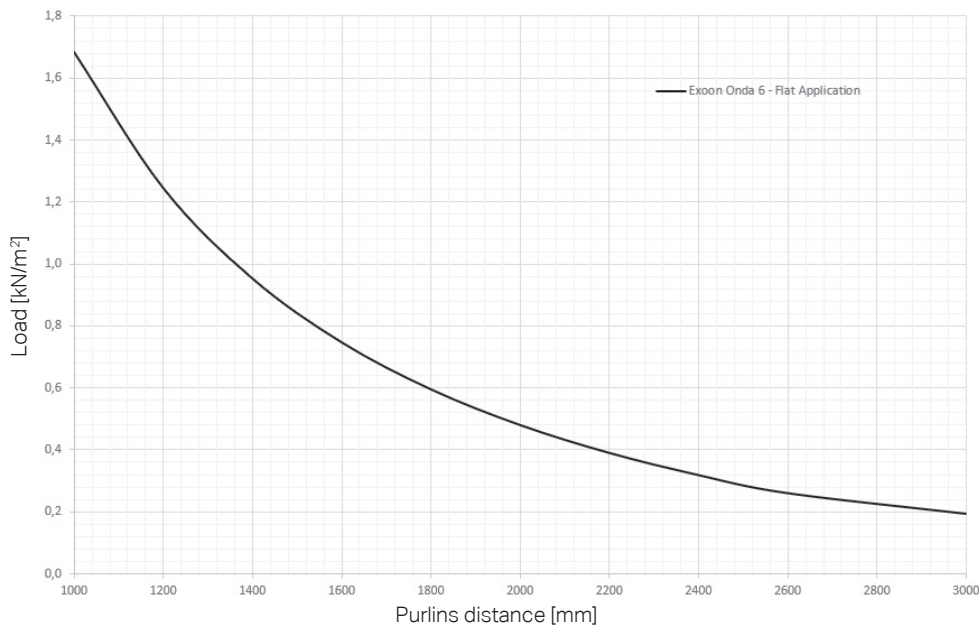
The diagram shows the load-bearing capacity of **Exolon® multi UV Onda 6**.

The values are indicative values, evaluated by tests on actual systems. The load values do not replace any official value calculated by an expert or a notified body.

Adequate safety margins must be observed in addition to these values. The margins are to be assessed on a case-by-case basis.

These specifications do not replace national regulations, such as building inspectorate approval in Germany (DIBt), Avis Techniques in France, etc.

*Further information can be obtained on request



Exolon Group also produces solid sheets in polycarbonate (Exolon® GP) and in polyester (Vivak® and Axpert®). For more information, take a look at www.exolongroup.com.



Exolon Group S.p.A
Strada Di Vagno 15/A –
05035 Nera Montoro (TR)

Italy

www.exolongroup.com
sales@exolongroup.com

The manner in which you use and the purpose to which you put and utilize our products, technical assistance and information (whether verbal, written or by way of production evaluations), including any suggested formulations and recommendations, are beyond our control. Therefore, it is imperative that you test our products, technical assistance, information and recommendations to determine to your own satisfaction whether our products, technical assistance and information are suitable for your intended uses and applications. This application-specific analysis must at least include testing to determine suitability from a technical as well as health, safety, and environmental standpoint. Such testing has not necessarily been done by Exolon Group. Unless we otherwise agree in writing, all products are sold strictly pursuant to the terms of our standard conditions of sale which are available upon request. All information and technical assistance is given without warranty or guarantee and is subject to change without notice. It is expressly understood and agreed that you assume and hereby expressly release us from all liability, in tort, contract or otherwise, incurred in connection with the use of our products, technical assistance, and information. Any statement or recommendation not contained herein is unauthorized and shall not bind us. Nothing herein shall be construed as a recommendation to use any product in conflict with any claim of any patent relative to any material or its use. No license is implied or in fact granted under the claims of any patent.

Exolon® is a registered trademark of Exolon Group