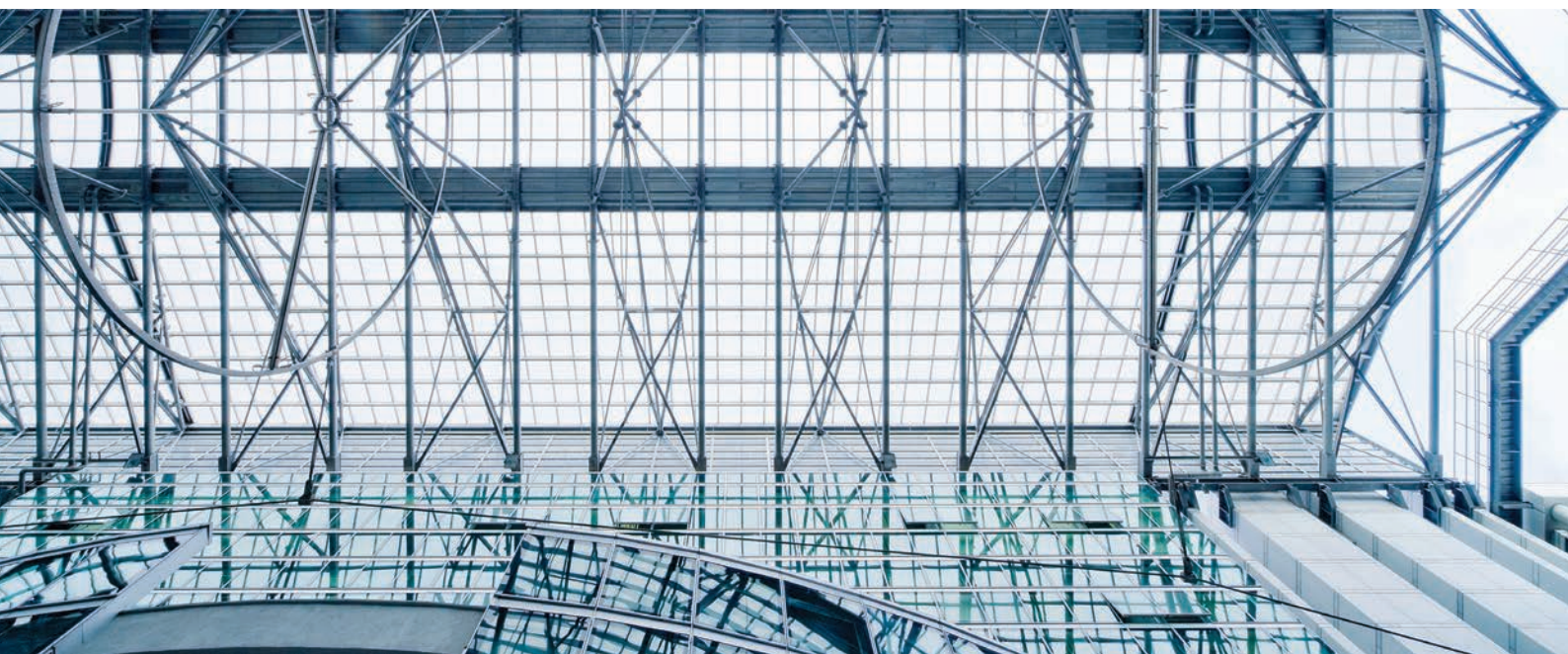


**Makrolon® UV ClimateControl**  
Invisible thermal insulation.  
Naturally.

**makrolon®**

# Temperature. Naturally adjusted.

## Makrolon® UV ClimateControl



### **Ample illumination at pleasant temperatures**

For architects, designers and developers, transparency is the top priority in many projects and buildings. This also applies to roofing. However, direct sunlight creates (unpleasant) heat, as it contains infrared radiation invisible to the human eye, and this radiation is what transfers the sun's heat to the Earth.

To significantly reduce the accumulation of heat in rooms with transparent roofing, the material used has to be able to repel as much infrared light as possible. Makrolon® UV ClimateControl solid sheets block much of the infrared light and go a long way to lowering temperatures raised by incoming sunlight.

### **Effective thermal insulation: transparent or coloured**

Makrolon® UV ClimateControl is a versatile product offered by Exolon Group that allows light to penetrate the interior while effectively absorbing the thermal radiation. A new and particularly appealing choice is clear 2080, which has a transparency rate of up to 80% at a sheet thickness of 3 mm to meet the highest demands in terms of appearance and function.

This tried and tested material is lightweight and is easy to work with. Alongside the transparent variant, the sheets are available in a range of standard colours and sizes. With Makrolon® UV ClimateControl, you no longer have to worry about heat building up – you can enjoy a pleasant indoor climate in a broad temperature range.





### **Resistance guaranteed**

Makrolon® UV ClimateControl is extremely resistant to continuous environmental factors and has a long service life. This is why we offer a 10-year warranty on weather resistance, transparency and breaking resistance.

### **Quality that meets the highest demands**

The Makrolon® brand is synonymous with a wide range of high-quality polycarbonate products. They are produced using high-quality raw materials according to EN ISO 9001-certified production processes to guarantee a consistent quality and are subject to comprehensive quality management.

### **A range of uses**

Makrolon® UV ClimateControl is the perfect material for any building where high temperatures caused by (direct) sunlight need to be lowered effectively and easily:

- Barrel vaults and skylights
- Roof and cladding structures
- Conservatories
- Railway platform roof covers, waiting halls and open spaces

### **Colours and dimensions can be selected as required**

Makrolon® UV ClimateControl is available in thicknesses of 2-12 mm and in different colours. Please contact us for further styles and formats.

### **All benefits at a glance:**

- Much less heat
- Good transparency
- Excellent weather resistance
- Maximum impact strength
- Thermally deformable and can be cold bent



**Makrolon® UV ClimateControl –**  
For the highest demands in terms  
of appearance and function.



# Feel the difference.

## Makrolon® UV ClimateControl

Advice and  
delivery by:



Exolon Group GmbH  
Rommerskirchener Str. 21  
50259 Pulheim · Germany

[sales@exolongroup.com](mailto:sales@exolongroup.com)  
[www.exolongroup.com](http://www.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. Makrolon® is a registered trademark owned and licensed by Covestro Group.

Edition: 2019 · Order-No.: MF0361 e · Printed in Germany