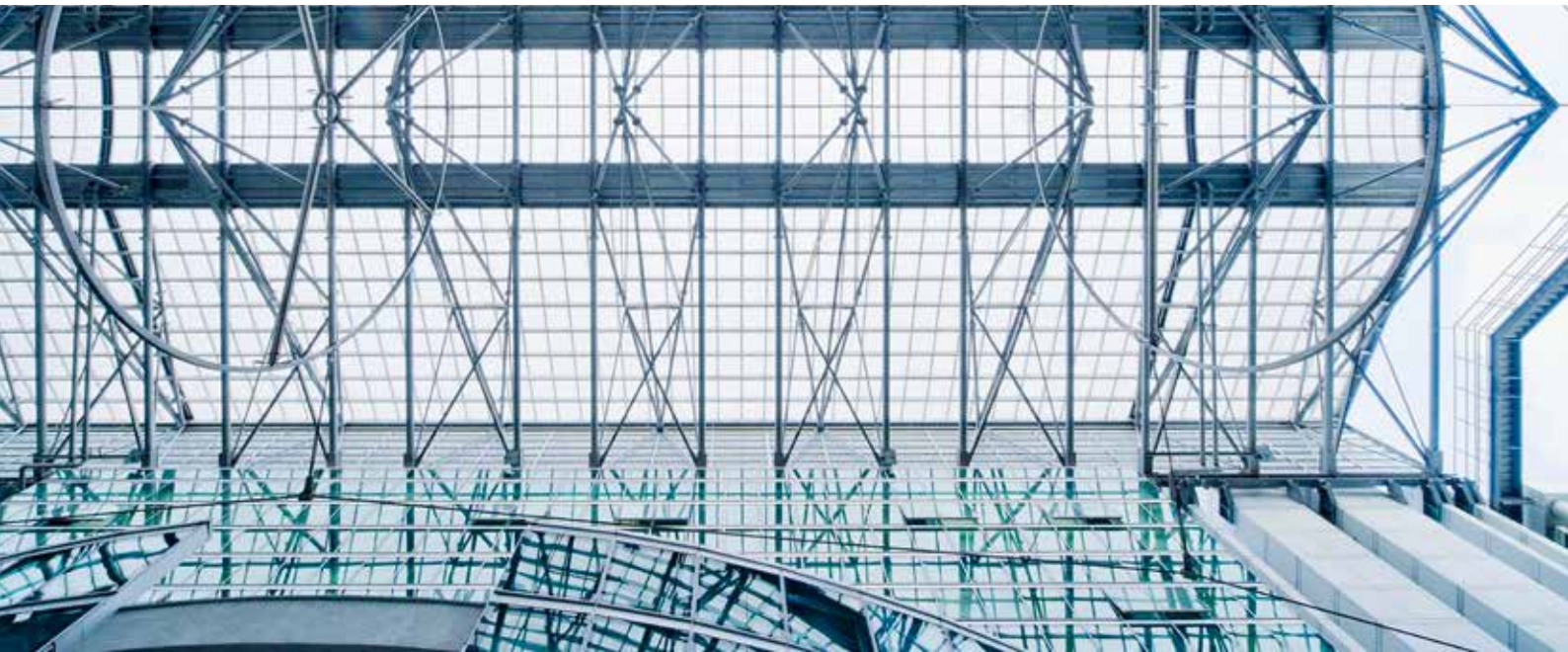




Makrolon® UV ClimateControl
Invisible thermal insulation.
Naturally.

makrolon®

Temperature. Naturally adjusted. Makrolon® UV ClimateControl



Ample illumination at pleasant temperatures

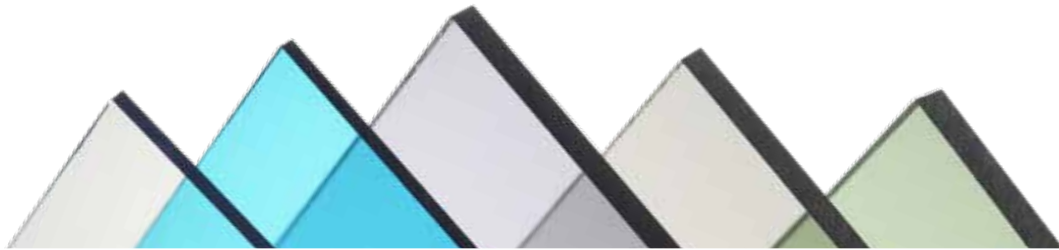
For architects, designers and developers, transparency is the top priority in many projects and buildings. This also applies to roofing. However, direct sunlight creates (unpleasant) heat, as it contains infrared radiation invisible to the human eye, and this radiation is what transfers the sun's heat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

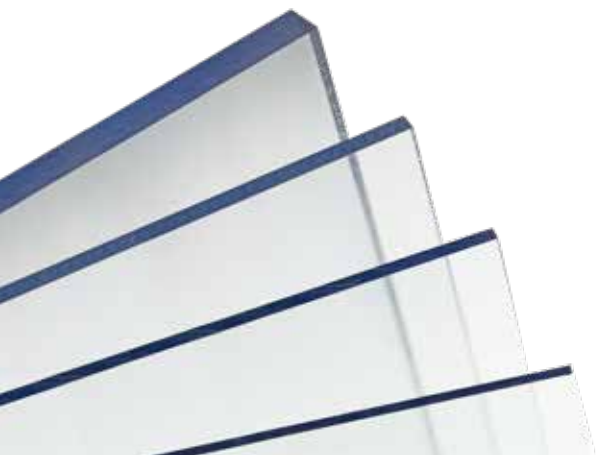
Makrolon® UV ClimateControl is available in thicknesses of 2-12 mm and in different colours. Please contact us for further styles and formats.

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

Exolon Group GmbH
Rommerskirchener Str. 21
50259 Pulheim · Germany

sales@exolongroup.com
www.exolongroup.com

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