

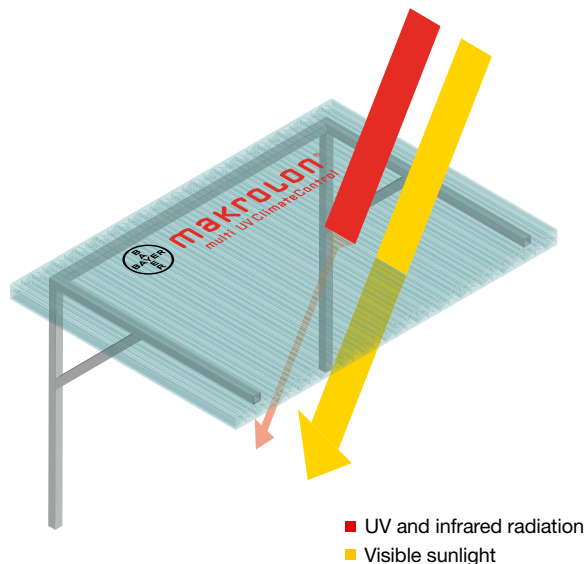
Makrolon® multi UV Climate Control – A comfortable atmosphere all year round!

Extensive usage of transparent roof glazing creates a sense of airiness and a spacious atmosphere in buildings, by bringing more natural light into our lives.

With conventional products, sunlight considerably heats up rooms. Although preventive measures against the intrusion of sunlight can remedy the situation, they also reduce the desired amount of light coming into the room.

Light, yes – Heat, no

Makrolon® multi UV Climate Control complements the range of heat-reducing multi-wall sheeting available: the sheeting is available in different colors and is provided with a UV protective coating on one side. The infrared light is largely absorbed. As such, this considerably reduces the penetration of heat into the room whilst simultaneously offering a significant degree of transparency. The sheeting is suitable to be used in any situation in which the combination of a pleasant indoor climate and cool transparency and brightness is desired.



Makrolon® multi UV Climate Control absorbs the incidental infrared radiation from the sun, therefore overheating in rooms is kept to a minimum. In comparison to standard sheeting available on the market, Climate Control provides heat reduction of up to 30%, as well as ensuring a high degree of light penetration. This means that it is the ideal material for all types of transparent roofing.

During winter, Makrolon® multi UV Climate Control proves that it fulfills more than just one requirement: it can also keep the warmth in. Thanks to its excellent Ug-value, the sheeting ensures that the warmth remains in the room and the cold stays outside.

Secure and durable

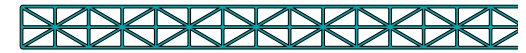
Makrolon® sheeting conforms to numerous international standards with regard to fire prevention procedures involving building products: they are not spontaneously combustible, and there is no danger of fire spreading or burning components falling. This has been proven in several major fire tests.

Due to its special properties, the high tech polycarbonate Makrolon® is used for consumer durables. Its resistance to ageing and weathering ensures that Makrolon® sheeting can survive for many years without becoming damaged. Furthermore, it will not have to be replaced prematurely or exchanged.

- › Significantly reduced heat penetration
- › High transparency
- › Excellent resistance to weathering
- › High rigidity
- › Low net weight
- › Very good fire classification

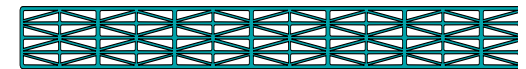
Makrolon® multi UV CC Geometries and transparent colors

Makrolon® multi UV 3X/16-25 CC



Makrolon® multi UV 3X/16-25 CC is ideal for planar glazing. Due to its excellent fire classification, it can be utilized in many different capacities.

Makrolon® multi UV 5M/ 25-20 CC



The innovative M-structure design stands out thanks to its excellent thermal insulation properties, which also leads to savings in energy costs. Furthermore, the 5M is ideally suited to be installed in conservatories.

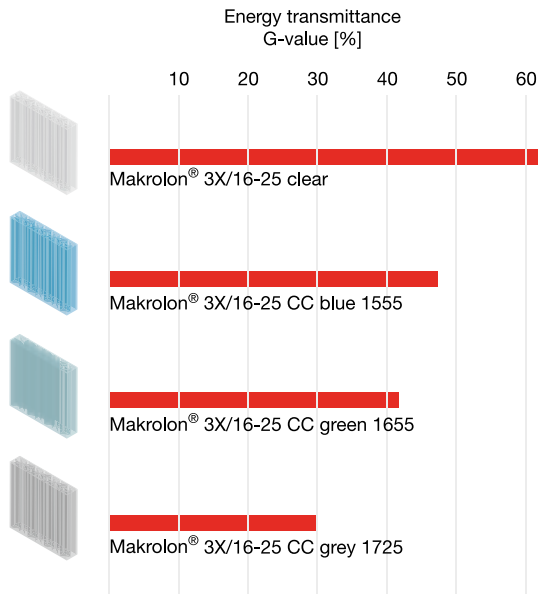
Both product types can be delivered in the following colors to suit all your specific lighting preferences:

- › Green 1655
- › Grey 1725
- › Blue 1555

- › Conservatories
- › Veranda canopies
- › Skylights
- › Covered walkways
- › Industrial glazing



Cool in summer, pleasant in winter

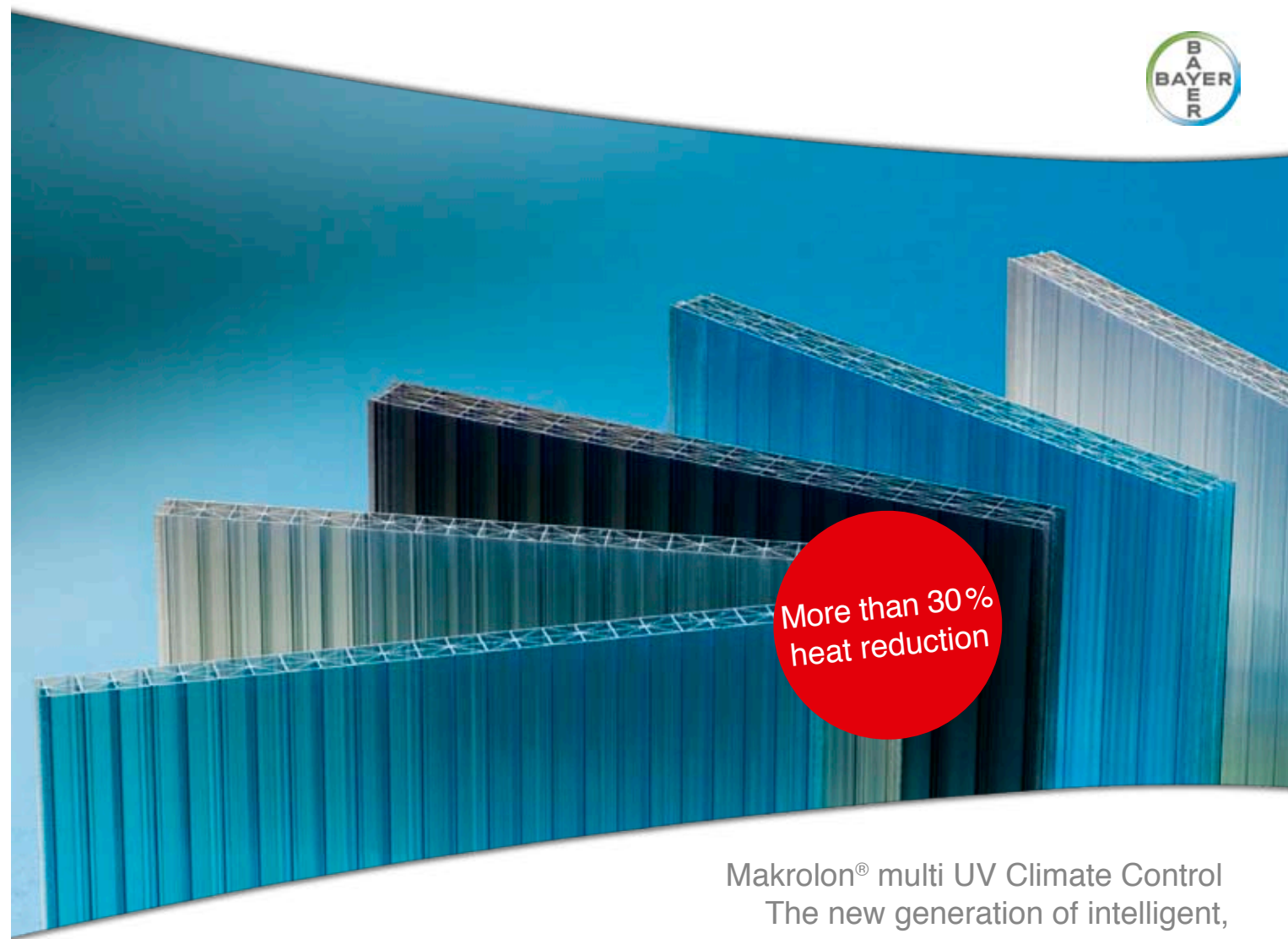


Reduction in energy input via Makrolon® multi-UV climate control in comparison to standard multi-wall sheeting without heat reduction function



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More than 30%
heat reduction

Makrolon® multi UV Climate Control
The new generation of intelligent,
heat-reducing multi-wall sheeting

A pleasant indoor climate – a natural atmosphere



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