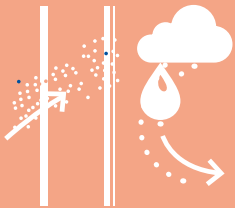


maxit[®]solaren

The all-rounder – repairs and protects



- ✓ **for long-lasting beautiful facades**
- ✓ **fills small & large cracks deep down**
- ✓ **for dry & algae-free walls**

maxit solaren – the rejuvenating treatment for facades.

The facade is the hallmark of a building. It provides protection, represents the building and gives it an individual touch.

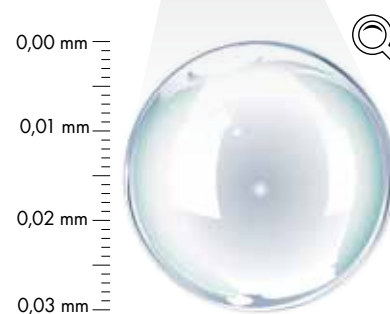
However, climatic impact may cause severe damage over the years. Even small cracks in the facade surface allow moisture to enter, which inevitably damages the render and paint. Algae growth is another unwelcome consequence.

Time for a rejuvenating treatment to prevent far-reaching and cost-intensive late consequences or even complete refurbishment!

maxit solaren is the easy and long-lasting solution for facade refurbishment. The innovative combination of silicone resin emulsion with a high percentage of ultra-fine hollow glass microspheres provides a high-resistant facade surface with low surface tension and a superior protection capacity.

maxit solaren exterior and refurbishment paint is perfectly suitable for crack-bridging facade refurbishment. Thanks to the high density of hollow glass microspheres, their small size and flexibility, **maxit solaren** can be worked perfectly into crack structures of up to 0.5 mm, thus ensuring fine and static cracks are permanently sealed.

The result is a visually appealing facade that retains its brilliancy for many years.



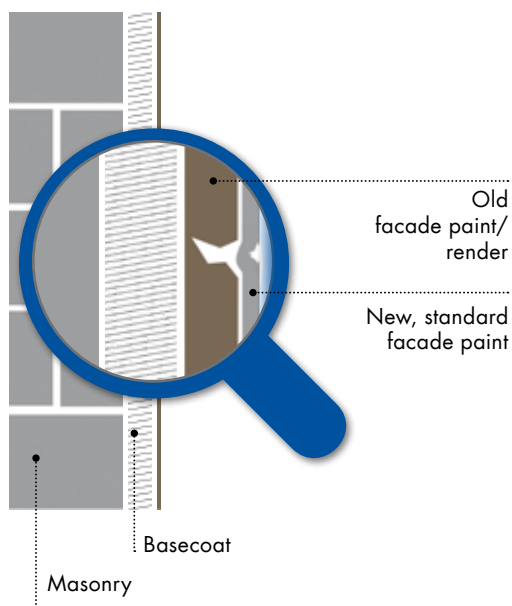
Single hollow glass microsphere,
enlarged approx. 1,100 times



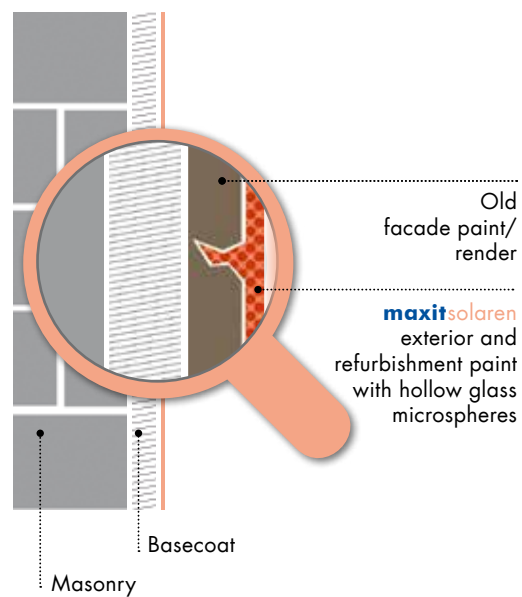
Deep down flexible crack filling

When refurbishing facades, it is important to close existing cracks to prevent long-term consequential damage and maintain the protective function of the facade. Whereas standard exterior paints just cover cracks instead of filling them, **maxitsolaren** paint creates a flexible and resilient paint membrane that lastingly fills and safely seals static cracks while enabling maximum permeability of the paint system. The hollow glass microspheres create a moveable, flexible paint structure that compensates slight (not design-related) movements in the masonry and thus effectively protects the facade from new cracks forming.

Standard exterior wall paint (crack-bridging)



maxitsolaren exterior wall paint (crack-filling)



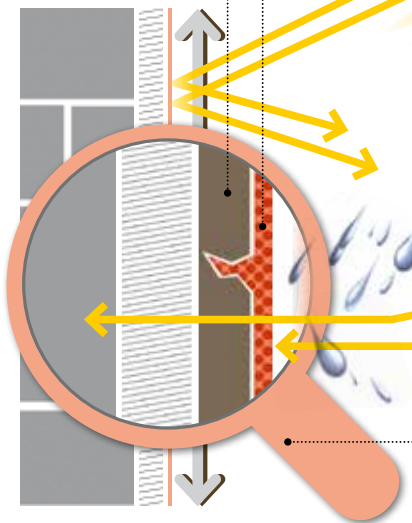


Protection against new stress cracks and algae infestation through evenly warm and dry surfaces

The hollow glass microspheres integrated into the **maxit**solaren paint coating contribute to regulating the temperatures on the facade surface – the facade remains drier, provides better insulation and thus also helps save energy. Moreover, the low tension, flexible paint film also compensates minor stress.

maxitsolaren
exterior and refurbishment paint
with hollow glass microspheres

Old facade paint/
render



Reduces the transfer of heat to the wall system in the summer:

Sun rays coming in at a steep angle when the sun is high are reflected up to 80% by the facade surface. The surface temperature drops.

Increases the transfer of heat to the wall system in the winter:

Sun rays coming in at a low angle when the sun is low are absorbed and transferred to the building construction. The surface temperature of the interior wall rises.

Evenly distributed temperatures on the facade ensure lower the surface tension:

The position of the sun and related reduction or increase in the transfer of heat balances the temperature of the overall surface. This results in less tension and prevents the formation of new (not design-related) cracks.

Natural protection against algae infestation through a dry surface:

The heat-regulating, water vapour permeable and hydrophobic properties against pelting rain help improve the drying capacity of the facade surface and prevent algae and fungus growth.



The all-rounder among facade paints:





For more information see the following brochures
www.solarfarbe.de



maxitsolar
facade system
render & paint



maxitsolance
interior paint

maxit nord

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maxit süd

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