



UNIGLAS® | NANO Easy-care glass effectively assists window cleaning

Taking nature's lotus effect as a role model, a functional coating for glass surfaces has been successfully produced that facilitates cleaning.



UNIGLAS® | NANO Easy-care glass is provided with a hydrophobic (water-repellent) coating.

This coating creates a very smooth surface that largely prevents any adhesion of limescale and dirt. Water cannot grip the surface, so it forms into droplets which immediately roll off, taking limescale and dirt with them and assisting the cleaning effect.



Conventional water droplets with dirt and limescale particles on untreated surface



Water droplets with dirt and limescale particles on a nanotechnologically treated surface

UNIGLAS® | NANO Easy-care glass is available for windows, doors, partition walls, overhead glazing, showers etc. and thus offers numerous possibilities for use.

Thanks to nanotechnology, UNIGLAS® | NANO Easy-care glass offers hydrophobic properties. Loosened dirt and limescale particles cannot dry onto the pane. The frequency of glass cleaning can be reduced when this UNIGLAS product is used.

Advantages:

- Reduction of the amount of soiling
- Longer cleaning intervals = less strain on the environment
- Reduction of cleaning costs
- Indoor and outdoor use
- Suitable for many applications



How does UNIGLAS® | NANO Easy-care glass work?

Thanks to a special structure of the surface, the raindrop retains its spherical shape and rolls off the pane together with the dirt particles it picks up.

Hydrophobic (= water-repellent):

When water hits the hydrophobic glass surface, it combines into large droplets and runs off more readily.

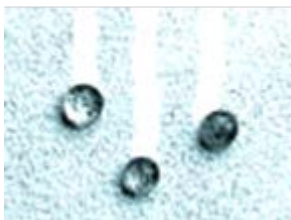
Hydrophilic (= water-loving)

When water hits the hydrophilic glass surface, it forms a film and flows off as a film without forming droplets.

The coating has no effects on the transparency or appearance of the pane. Since it has a chemical bond to the surface, the coating is effective for a long time.



UNIGLAS® | **NANO Easy-care glass** is an environmentally friendly and inexpensive solution compared with conventional glass types, thanks to its cleaning-assisting properties.



Effective results:

Dirt-resistant

Dirt and limescale cannot grip the pane and instead are washed away by rolling-off droplets.

Cleaning-assisting

Minor dirt can be removed with little cleaning effort.



Saving on time and cost

Cleaning time, costs and effort are minimized.

Environmentally friendly

Aggressive cleaning agents are not needed.

Long-lived

The self-cleaning effect is effective long-term when correctly used, both for outdoor and indoor use. When the effect weakens, the coating can be refreshed.



If you have any further questions, your personal UNIGLAS experts will be glad to help.



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