# GEWE-clean<sup>®</sup> • NANOTECHNOLOGY FOR SIMPLE CLEANING

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With its special application procedure and chemical action on glass, the GEWE clean<sup>®</sup> product combines the latest findings related to specific glass finishing methods to produce a unique easy-to-clean effect on glass.

The hydrophobic (water repellent) coating of glass leads to a protection of the glass surface, and this in turn results in easier cleaning. Even treated glasses, such as panes of sandblasted or satined glass are protected from repeat soiling and weathering and can be cleaned with little effort. For indoor applications, this means for example that fingerprints can be reduced and removed much easier than is the case with conventional glass surfaces.

## **Application areas**

- Showers, shower partitions, mirrors
- Glass furniture, glass counters, glass partition walls
- All-glass systems, all-glass doors even sandblasted and satined glass





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## **Benefits**

• The coating is connected to the glass by means of chemical bond, this ensures a good, long life

After thorough cleaning of the glass surfaces, GEWE-clean<sup>®</sup> is applied, dried and then hardened. This technology meets the highest standards and gives the easy-to-clean effect on the coated glass a long life. The high quality of the coating is monitored through tests which accompany the processing e.g. contact angle measurements and wipe tests.

The quality of the coating assures the customer that the beneficial properties are adhered to and that these meet the market expectations which

- The hydrophobic effect repels water and dirt from the surface of the glass structure
- Remains intact

are placed on GEWE-clean®.

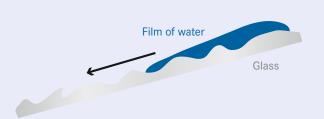
• The coating enjoys a very long lifetime

- Very high mechanical strength
- · Less susceptibility to environmental influences
- Stabilized against to UV-light
- Absolute food compatibility
- Saves cleaning costs, cleaning agents, cleaning work

# Technical characteristics

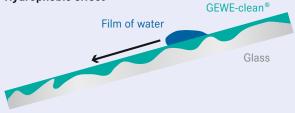
Glass thickness	from 3 mm to 15 mm
Dimensions	min. = 180 mm × 350 m max. = 2.000 mm × 3.000 m
Production options	Execution as clear float glass or coloured, sandblasted or general satin-style panes of glass, all kinds of textured glass

#### GLASS – Runoff pattern without coating



#### GLASS - With GEWE-clean®-coating

#### Hydrophobic effect



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