

# Europe Antibacterial Glass Market By Application (Hospitals, Food & Beverages, Military, Residential, and Other Applications), By Active Ingredients (Silver and Other Active Ingredients), By Country, Industry Analysis and Forecast, 2020 - 2026

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## Abstracts

The Europe Antibacterial Glass Market would witness market growth of 9.8% CAGR during the forecast period (2020-2026).

In the world of glass design, the major innovation is the antibacterial smart-glass. It is estimated that silver ions with antimicrobial activity kills 99.9% of bacteria that is formed on its surface and inhibit fungal growth and spread. This property makes antimicrobial glass to be used in those places where it is mandatory to maintain hygiene.

Antimicrobial glass can be built as partitioning or double glazing.

The convenient and excellent moving imagery of touchscreens is loved by everyone and becoming popular day by day in public locations, in automatic teller machines, elevator directories as well as in interactive restaurant menus. The disadvantage of all this interactivity is the stain and odor, which may cause bacterial growth on devices. Glass scientists are trying to solve this issue by creating touchscreen covers that are thin and embedded with ionic silver in the glass composition. Silver ions leach to the surface in trace amounts and eliminate about 99.9% of stain- and odor-causing bacteria.

Silver is not applied as a coating but remains as the part of the glass that is why its antimicrobial properties last as long as the life of the device itself. It is known for centuries that ionic silver acts as a natural antimicrobial agent. But with the recent advancement in developing glass, ionic silver has been introduced in thin cover glass

formula. It is important because any small change in glass formula can affect the property of glass covers like its toughness and optical clarity.

Based on Application, the market is segmented into Hospitals, Food & Beverages, Military, Residential, and Other Applications. Based on Active Ingredients, the market is segmented into Silver and Other Active Ingredients. Based on countries, the market is segmented into Germany, UK, France, Russia, Spain, Italy, and Rest of Europe.

The market research report covers the analysis of key stake holders of the market. Key companies profiled in the report include Saint-Gobain Group, AGC, Inc., Nippon Electric Glass Co., Ltd., Kastus Technologies Ltd., Morley Glass & Glazing Ltd., Smartglass International Limited, Sumita Optical Glass, Inc., Ishizuka Glass Co., Ltd., and Essex Safety Glass Ltd.

### Scope of the Study

### Market Segmentation:

#### By Application

Hospitals

Food & Beverages

Military

Residential, and

Other Applications

#### By Active Ingredients

Silver and

Other Active Ingredients

#### By Country

Germany

UK

France

Russia

Spain

Italy

Rest of Europe

#### Companies Profiled

Saint-Gobain Group

AGC, Inc.

Nippon Electric Glass Co., Ltd.

Kastus Technologies Ltd.

Morley Glass & Glazing Ltd.

Smartglass International Limited

Sumita Optical Glass, Inc.

Ishizuka Glass Co., Ltd.

Essex Safety Glass Ltd.

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