

## Titel

### activPilot Topcoat

The high-grade surface for extreme conditions.

## Innen

### Winkhaus activPilot Topcoat.

The surface finish.

Winkhaus is one of Europe's leading suppliers of window and door fittings. Numerous innovations, some of which are patented, make Winkhaus quality inimitable. Winkhaus sets standards on the market once again with its new activPilot Topcoat surface. It makes activPilot window fittings more resilient to climatic and chemical stresses than ever before.

### Surface protection for extreme requirements

Winkhaus fitting systems have always been attractive thanks to their high quality and durability. The new activPilot Topcoat surface finish provides Winkhaus fittings with additional protection from extreme environmental effects such as those in coastal regions or areas of buildings with particularly high exposure to corrosive elements.

### The highest resistance to corrosion according to DIN EN 1670

Winkhaus developed and perfected the activPilot Topcoat in the course of tough laboratory and practical tests. The results are plain to see: activPilot Topcoat withstood 1,500 hours in the salt spray fog test, thus, by far, exceeding the DIN EN 1670 test <sup>[1]</sup><sub>(SEP)</sub> requirements. The first-class consistent quality of the fitting surface, and its suitability under extreme environmental conditions, is certified by an independent testing institute.

\* Max. 5 % proportion of red rust permissible according to DIN EN ISO 9227

### Fitting finish for the highest quality and durability.

#### Increased protection from extreme environmental effects

Salt-laden air in coastal regions, damp climate, chemical compounds: The activPilot Topcoat surface offers increased protection in these areas.

### Also for special window materials

Winkhaus fittings with activPilot Topcoat surface are also suitable for use in Accoya® windows as well as in profiles made of wood which is high in tannic acid, such as oak.

### Equipped for any situation

The surface of activPilot Topcoat turn-tilt fittings is exceptionally resistant to corrosion and repels water and dirt. The high-grade metallic-grey finish is a design highlight for the windows. In this way, you're set to handle special customer requirements!

### **Rigorous laboratory tests – hard reality.**

#### **Three times better than the industry standard**

The European standard DIN EN 1670 evaluates corrosion resistance for locks and hardware fittings and serves as a guideline for the fittings industry.

In the corrosion resistance test, in accordance with DIN EN 1670, class 5, the fittings are bathed in salt spray for 480 hours. The Winkhaus activPilot Topcoat surface not only meets this standard, at 1,500\* hours of resistance, it achieves three times the required value. The special layer composition of the activPilot Topcoat surface thus stands for quality and sustainability.

#### **Confirmed in practical tests**

In addition to the standardised test runs of DIN EN 1670, the Winkhaus activPilot Topcoat surface is also tested under real conditions outside the laboratory. The activPilot Topcoat has proven itself in all of the stress tests.

Rückseite

**“The special fitting for demanding customers.”**

Paul Baumann, architect

- + Long-term protection under especially extreme stresses
- + Tested for 1,500 hours in salt spray
- + Proven according to DIN EN 1670, class 5
- + For types of wood such as oak or Accoya®

**Winkhaus. Always precise.**

Winkhaus has committed itself to quality since 1854 – without compromise, with great success. We have constantly advanced quality standards for window fittings with numerous innovations. Winkhaus products mark the latest developments in state-of-the-art window technology – made in Germany. A good piece of quality for your security.