

MANUFACTURER'S DECLARATION

COMBI SERIES

WISKA Hoppmann & Mulsow GmbH
Kisdorfer Weg 28
24568 Kaltenkirchen
Germany



declares that the following products:

Product designation:	COMBI-series (COMBI 108, COMBI 308, COMBI 407, COMBI 607, COMBI 1010, COMBI 1210)
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are UV resistant. This statement refers to all standard colours as offered in the catalogue.

A large number of long-term tests (natural weathering) were carried out on the cable junction boxes in our factory and by the Institute of Material Sciences and Welding Technology of the Technical University of Applied Sciences, Hamburg on the atmospheric test stand on the island of Helgoland. Based on this experience it can be said that the UV radiation and the weather-related environmental influences have no relevant negative influence on the technical properties of the Combi boxes. The specific properties (IP protection rating, risk of stress cracks, temperature resistance and non-flammability) are maintained. The raw materials are selected such that they already comply with the requirements.

However, the 'lifetimes' of our products depend not only on the UV radiation acting on them.

Factors having a direct influence may also include the following:

- Mechanical influences (oscillations, vibration, compressive / tensile loads, etc.)
- Temperature influences
- Environmental influences (climate, humidity, weather, etc.)
- Chemical influences

When used indoors and in the absence of harmful influences, the "lifetime" of our plastic products is at least 30 years. The "lifetime" of suitable plastic products for normal exterior use is at least 15 years. Slight changes of the plastic (discolouration, surface embrittlement or similar) may occur over time, although these have no influence on the function of our products.

The products listed above are made of plastics with the flame class UL94-HB and fulfill the glow wire test 750°C according to IEC 60695-2-11.

The Degree of protection against external mechanical impacts acc. to EN 50102 / EN 62262 is IK07 for the complete series.

WISKA Hoppmann & Mulsow GmbH
Peter Gehre
Innovation & Product Development
Kaltenkirchen, 2016-09-30

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