

## Fire protection rating for the BLANCO COOK front cooking station BC FS 2.1/ FS 3.1/ FS 4.1, under consideration of fire loads.

Customer:  
BLANCO Professional GmbH + Co KG, Flehinger Str. 59,  
75038 Oberderdingen

The unit provided for fire protection rating;

### BLANCO COOK front cooking station

by BLANCO Professional GmbH + Co KG, Flehinger Straße 59, 75038 Oberderdingen, is suitable for the intended operation, also in airport buildings, without any special restrictions.

Based on the components used and known to me, this unit can be referred to as

### non-flammable or incombustible

since the following component groups are installed:

<u>Classification*</u>	<u>Rating</u>	<u>Designation</u>
• Non-flammable components	A + A2-s1, d0 > 70 %	e.g. housing, glass
• Flame-retardant components	B1 + A2-s1, d0 > 24 %	e.g. electrical components acc. to VDS
• Normally flammable components	D-s1,d0; + A2-s1, d0 < 5.4 %	e.g. sealant, joint seal, castors

\*Class for fire behaviour EN 13501-1 and building material classes DIN 4102-1

No dangers are posed by the entire unit, and even under extreme fire loads no spreading of fire or malfunctions of any kind occurs. Equally, the extreme flame loads produced by me through a fat explosion and a flambé process showed no further burning. The flame protection filters used in accordance with Class A (aerosol separator, flame arrestors as specified in DIN 18869-5) completely absorb the flames and the majority of the resulting heat. The user is required to operate the unit properly and not to store excessive fire loads or fire accelerants. Exits and escape routes must remain unobstructed.

**The tested unit can be used without additional fire-protection safety equipment.**

This rating applies to the entire BLANCO COOK front cooking station.

Gerd Göbel

Frankfurt/Main, 25.04.2017

Expert for Fire, Chemical and Environmental Protection

Member of Bundesverband Deutscher Sachverständiger und Fachgutachter e.V. ret.  
Member of the DWA Technical Committee IG-7, GMAG "Equipment and Means of Protection against Water Hazards" ret.  
"German Expert" EU DIN Standards Committee ret.