



wefaResist

The resistant coating system
for kitchens, restaurant and
office furniture



The problem:

Heavy strain and wrong cleaning



Kitchen furniture needs to be made to resist extreme strain. Especially in the catering trade, at homes and at trade fairs they are heavily stressed. Coffee, tea, red wine, onions, acetic and fruit acid as well as many more food products contain active substances and leave stubborn stains. Accordingly, the surfaces are cleaned several times a day intensively, all too often with coarse sponges, brushes, aggressive detergents or even chemicals. Because it needs to be done quickly...

The consequences:

- Surfaces show shadows and stains.
- Gloss and colour fade out.
- Scratched top layers become porous / cracked.
- Protection is not ensured any longer.
- Penetrating liquids cause swelling and bubble formation.
- The surface material detaches in extreme cases.



The solution:

The new coating system: *wefaResist*

wefaResist is the first water-based coating system that got the qualification according to DIN 68861 Part 1B:2011 which is a milestone for Westdeutsche Farben GmbH and for the furniture industry in general. Thus, independent experts confirmed that our water-based coatings don't just preserve our environment but furthermore protect heavily stressed furniture surfaces.

Our specialists developed the innovative 2-comp. coating system consisting of our established *wefaProtect* 2K W filler and our new *wefaResist* 2K W Topcoat (available in any desired shade).



The advantages:

Durable protection and gloss



Surfaces coated with *wefaResist* 2K W Topcoat are:

- permanently closed and protected,
- resistant to biological acids,
- resistant to chemical detergents,
- mechanically abrasion-resistant,
- easy and fast to clean (damp cloth),
- environmentally friendly (water-based coating system),
- perfectly hygienic,
- permanently shiny and colourfast.

The proof:
Tests passed
with top marks



The independent testing institute EPH – Entwicklungs- und Prüflabor Holztechnologie GmbH in Dresden tested *wefaResist* according to DIN 68861-1B:2011 (DIN EN 12720:2014 respectively) on a highly glossy and pure white surface.

To determine the reaction to chemical strain, various liquids and food products such as black tea, olive oil, vinegar, acetone and disinfectants

were applied to a surface coated with *wefaResist*. As ketchup is one of the most popular foods, *wefa* asked to include the condiment containing a high amount of fruit acid additionally in the test. Depending on the substance the exposure time took up to 16 hours. The result:

wefaResist passed each test unit with the highest score. The results of the ethyl alcohol, acetone and ethyl butyl acetate based tests were even significantly above the required values. The outcome was a test surface that showed no change at all and did not differ from the adjacent surrounding surface.

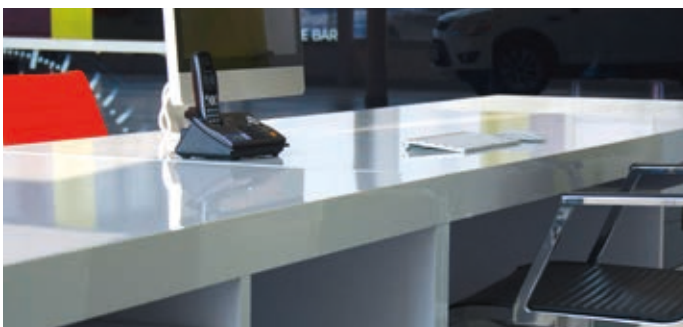
Office furniture: Durable gloss and high resistance with *wefaResist*

High-gloss office furniture must be extremely resistant and at the same time easy-care in order to meet the high standards of aesthetics as well as the practical requirements. *wefaResist* 2K W Topcoat protects furniture surfaces demonstrably from external influences in order to make them always shine as brand-new. It resists ballpoint pen ink, detergents, coffee, tea and other substances (see test results in inner section).

The environmentally friendly and water-based *wefaResist* 2K W Topcoat fulfils the strict requirements of the DIN standard 68861-1A. Apart from its superb product quality it features high process reliability to the processing industry by

- easy handling,
- immaculate surface,
- fast drying time.

It's odourless and completely water-based!





Westdeutsche Farben GmbH

Hafenstraße 223-225
45356 Essen

T. +49 (0) 201 - 8331600
F. +49 (0) 201 - 8331608

info@wefa-gmbh.de
www.wefa-gmbh.de

FIND OUT MORE

Our experts would be happy to provide you with further information about *wefa*Resist 2K W Topcoat. Please feel free to contact us.

90 YEARS OF TRADITION

Westdeutsche Farben GmbH was founded in Essen in 1923 and is still a successful family-owned company today. Environmentally friendly, water-based, two-component coating systems have been the focus of our research and development and our production since 1986.

500 CUSTOMERS WORLDWIDE

For more than twenty years, *wefa* has been a certified partner of Deutsche Bahn and an authorised supplier of the European rail vehicle industry. Other applications include mechanical and apparatus engineering, the kitchen furniture industry, and defence and military technology.

Customer satisfaction is our greatest asset. This is why we do everything technically and humanly possible to keep the quality of our products, services and processes at a consistently high level. Our certifications confirm this:

