

7681 PFAS-free Textile Coating

Demand for PFAS-free products is increasing significantly across all industries. Terms such as “forever chemicals,” “drinking water contamination,” and “EU regulations” are increasingly in the public spotlight. As a result, expectations for companies to provide well-founded and transparent solutions are rising.

PFAS (per- and polyfluoroalkyl substances) are a large group of synthetic chemicals that have been widely used due to their excellent water, dirt, and grease repellence.

However, their extreme persistence leads to accumulation in the environment and the human body, which is why they are often referred to as “forever chemicals.” PFAS enter the environment through abrasion, washing processes, and disposal. Authorities see long-term risks for drinking water, ecosystems, and human health.

The European Union is increasingly tightening regulations on PFAS.

Substances such as PFOS, PFOA, and PFHxA are already restricted or subject to further regulation. PFAS-free products therefore offer not only environmental benefits, but also investment security and future compliance with regulatory requirements.

A common misconception is that PFAS-free solutions offer lower performance. This is not the case for water and dirt repellence.

The absence of oil and grease repellence is a deliberate decision in favour of environmental and health compatibility. PFAS-free treatments rely on modern surface technologies such as polysiloxanes instead of fluorinated chemistry. These create a microscopically thin, water-repellent protective layer without affecting breathability or the feel of the material.

PRODUCT BENEFITS

The 7681 Textile & Carpet Protection is a PFAS-free coating based on innovative polysiloxane technology and offers:

- Effective water and dirt repellence
- Preservation of appearance and hand feel
- Full breathability maintained
- Water-based formulation
- Compliance with current and upcoming EU regulations

APPLICATION

- Clean the textile thoroughly and allow it to dry completely
- Apply the product evenly
- Allow to dry at room temperature



Full performance is achieved after approximately 24 hours.

PFAS-free does not mean lower performance – it means responsible performance with future regulatory security.