



## **687 Carpet Protect** **Product Sheet**

Commercial Grade Coating for Carpets & Soft Furnishings  
Concentrate 1:25

### **Product Description:**

**687 Carpet Protect** offers identical performance to our 697 coating but it has been adapted in order to offer a lower price point for larger scale projects where shelf life is less important. This is an aqueous, room temperature curing impregnation for textiles (PES, Cotton, PA and mixtures), which provides hydrophobic and oleophobic properties. The product generates a nano scale film on the surface. The penetration of water, soot, coffee, cola, ketchup, red wine and other staining agents is significantly reduced. In addition the penetration of cooking fat, fuel, waste oil and dry soiling agents into the structure of the fibre is reduced and as a result many soiling agents can be easily removed.

### **Characterisation:**

Active agent:	SiO <sub>2</sub> / Fluorine polymer in water
Solid content:	~ 1%
Colour:	white, translucent liquid
Viscosity:	< 10 mPas
pH-value:	3-4
Dilution:	1:25 with demineralized water
Shelf life:	Concentrate: 24 months Diluted liquid: 7 days

### **General Processing:**

Refer to safety data sheet. We recommend the use of rubber gloves and a protective mask in particularly for spray application (e.g. full mask No. 6800S with the particle filter P3 No. 5935 and the active filter cartridge protection stage A2 No. 06915, offered by 3M). Good ventilation is to be provided during processing. Ignition sources have to be kept away. After skin contact, wash with water and soap.

Mix the concentrate 1:25 with demineralized water. The container holding the liquid should be well vibrated/shaken before use. (Please use rubber gloves.) Ensure good ventilation whilst applying the liquid. Keep away from sources of ignition. In the case of skin contact, wash with soap and water.

### **Application on carpets, fabrics and stone**

We recommend an application by spray or dip coating followed by a drying process at temperatures between room temperature and 160°C. For industrial application we recommend drying in an oven or in circulating hot air for 3-5 minutes. For other application at room temperature we recommend a drying time of at least 12 hours on fabrics. Thicker fabrics and carpets will take longer to dry at room temperature. Ensure that the fabric/surface is fully and evenly moistened. Maximum performance is attained some days after coating although good performance is established after 12 hours of drying at room temperature.