

687 Carpet Protect

PROFESSIONAL COATING FOR CARPETS & HOME TEXTILES

GENERAL PRODUCT DESCRIPTION

687 Carpet Protect is based on CCM's "Universal Coating 697" but specially adapted for carpets and home textiles where a shorter durability is acceptable, but price per m² plays a central role.

The coating is an aqueous, room-temperature curing impregnation for textiles (PES, cotton, PA and blends) that provides hydrophobic (water-repellent) and oleophobic (oil-repellent) properties.

The penetration of water, dirt, coffee, cola, ketchup, red wine, and more is significantly reduced.

Furthermore, the penetration of cooking grease, oil, and dry contaminants into the fibre structure is minimised, allowing most soiling to be removed easily.

The formulation is based on organofunctional silanes, is nanoparticle-free, breathable, and entirely water-based.

APPLICATION & DILUTION

It is recommended to wear nitrile or butyl gloves with a minimum thickness of ≥ 0.7 mm and a tested breakthrough time of > 480 minutes.

Shake or stir the concentrate well before use and dilute 1:25 with demineralised water.

Application method: spray application.

Apply the material evenly to form a thin wet film on the surface. Avoid droplet formation. If necessary, distribute excess liquid with a cloth.

Drying time is at least 12 hours at room temperature. At lower temperatures (e.g. 10 °C), drying can take up to 24 hours.

Yield is up to 40 m²/litre – depending on the texture and absorbency of the substrate. Highly absorbent materials like carpets require significantly more product than fine fabrics such as silk.

The coating acts as a temporary protective film – contamination should be removed within 2–3 minutes to avoid staining.

PFAS-INFORMATION

Contains PFAS.

PRODUCT SPECIFICATIONS & CHEMICAL PROPERTIES

| Property | Value |
|---------------------------|---|
| Base | SiO ₂ /fluoropolymer with antimicrobial agent in water |
| VOC Content | VOC-free |
| Active Ingredient Content | Approx. 1% |
| Flash Point | > 93 °C |
| Layer Thickness | approx. 20-200 nm |
| Density | 1,0 g/cm ³ |
| pH | 3-4 |
| Odour | Characteristic |
| Colour | White, translucent |
| Water Solubility | Fully miscible |
| Viscosity (20° C) | < 10 mPa·s |
| Consumption | Approx. 25 ml / m ² (= up to 40 m ² per litre, depending on absorbency) |
| Shelf Life (liquid) | 6-12 months; mixed solution: 7 days |
| Storage | +5 °C to +25 °C, dry, protected from light, frost-free |
| Durability of Coating | 2-5 years outdoors, significantly longer in indoor use |

TRANSPORT

687 is not classified as hazardous (according to CLP Regulation) and is not a dangerous good under transport regulations (ADR/IMDG/IATA). No labelling obligation.

HS Code: 3809 9100

Not subject to labelling requirements under GHS – not a dangerous good under transport regulations.
Water hazard class: 1 (slightly hazardous to water, according to German Water Resources Act).

PACKAGING UNITS

- 1 L bottle (687-1)
- 5 L canister (687-5)
- 30 L canister (687-20)