



Product sheet

Liquid Glass Textile

Ready-to-use

Article No. 689 Rapid Tex

Textile impregnation for achieving excellent water, oil and dirt repellent properties when applied at the highest level of concentration.

Product properties

- High Hydrophobicity + Oleophobicity
- Strong anti-adhesive properties
- Excellent easy-to-clean effect with regard to dirt and liquids
- Fibres are protected against the ingress of dirt particles
- Food-safety
- Permanent (UV-stable, very resistant against abrasion)
- Temperature-resistant
- The easy application
- Resistant to detergents and cleaning agents
- breathable
- No impairment of the appearance or texture of the substrate (thickness: 100-150 nm)

Intended purpose

Liquid Glass Textile Ultra

- Clothing
- Home textiles (upholstery, furniture, carpets)
- Suede / leather
- Paper, cardboard

Information on use

A range of standard application method is possible:

- 1. Manual: Application by moistening the textiles (spraying or immersion)**
- 2. Industrial: Application by commercial HVLP systems and other industrial methods**

The coating becomes fully cross-linked and cured after 24 hours. Testing of the coated surface can be undertaken after 24hrs based on the assumption that the curing temperature is at 20°C or above. The application of dry air curing can hasten the curing process but allow 24hrs for full bonding in all instances.

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Consumption/Coverage and Mixing

Manual + Industrial: between 25 and 100 ml per m² - 10 ml/m² per mm thickness of the textiles, depending on the absorbency of the substrate, eg. heavy carpets require more liquid to coat them compared to light silk fabrics.

The liquid should be mixed in accordance with the MSDS information, however mixing the liquids is very straight forward.

Should be used within 24 months.

Advantages

Permanence and longevity:

The UV stability allows functionality for many years.
No deterioration of the coating by sunlight. The coating does not block UV

Abrasion resistance:

A strong chemical bond to the substrate allows excellent resistance to abrasion. The coated items can be machine washed but soak washing (in accordance with manufacturers guidelines) is recommended as this will prolong the life of the coating. Low temperature washing is also recommended. The use of Biosativa® Bio Cleaner is recommended in order to assist with breaking down any heavy staining or oil contamination.

Detergent stability:

The product is resistant to detergent. After washing, re-application is not necessary.
Ensure that the item to be coated is clean, stable and free of any other coatings or fabric softeners prior to coating.

Functionality

689 Rapid Tex protects almost every kind of textile against water, dirt and stains – and it is invisible to the naked eye. In no way does it impair their appearance, breathability, colour or feel, and it is easy to maintain.

689 Rapid Tex has an extremely water-repellent effect on all materials. Oil, coffee and other stains cannot stick on or soak into the surface.

In the original unopened container, the storage duration is at least 2 years. +3 to + 30 °C

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