

**Product Information: TECNADIS COATEX – water based
Water and stain repellent product, for application on natural and synthetic fabrics.**

DESCRIPTION

- Nanotechnological **water and oil repellent** product, specially designed for the protection of natural and synthetic fabrics in order to facilitate their cleaning. **Water based.**
- It avoids the accumulation and penetration of water and other organic liquids into the fabrics, but always **keeping the natural porosity and structure** of the materials.
- Suitable for the preventive treatment of **natural and synthetic fabrics.**
- Suitable for protection against different types of stains both **aqueous** and **oily (oils, jams, carbonated drinks, coffee, wine, sauces, etc.)**.

ADVANTAGES

- It provides waterproofing, dirt reduction and easy cleaning properties to the fabrics on which it is applied, thanks to its hydrophobic and oleophobic properties.
- Reduction of the frequency and cleaning time of the fabrics, increasing the protection of the treated material.
- Easy and quick application on any type of textile material.
- It does not change the appearance, colour or structure of the treated substrate (excessive application may cause a slight change in the tact of the material or a white halo which can be removed by gentle rubbing with a dry cloth).
- It protects the surface of the treated fabric for several cleanings with a cloth over the same area without having to be reapplied. Do not subject treated fabrics to washing machine cycles.
- It can be perfectly reapplied without removing the previous product remains.
- The active compounds do not react with the treated surface or with other materials that come into contact with the treated surface, maintaining the substrate unaltered.
- Suitable for the application of fabrics exposed to the weather. It allows the natural breathability process of fabrics.
- Water-based product.

COMPOSITION

- The product is based on a nanoparticle water-dispersion treated with active agents and other ingredients necessities for the final formulation.

APPLICATIONS

- Product recommended for the protection of natural and synthetic fabrics: **footwear, leather goods, textiles, hotel sector, etc**, both for indoor use and for those which will be exposed to the weather. Also suitable for nautical industry and automotive.
- Suitable for protection against different types of stains both **aqueous** and **oily (oils, jams, carbonated drinks, coffee, wine, sauces, etc.)**.
- Especially recommended for the treatment of textiles and fabrics that **are not going to be subjected to frequent cleaning processes or intense abrasions.**

PHYSICAL AND CHEMICAL PROPERTIES

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|----------------------------------|-----------------|
| • Colour | Yellowish white |
| • Volatile Organic Content (VOC) | <30% wt |
| • Density | 0,996 g/ml |
| • Viscosity: | 14 cP |
| • Boiling point | 100°C |
| • Solvent: | Water |

HOW TO USE

1. The fabric to be treated must be **clean and dry** before application.
2. **Shake the container** before its use.
3. It is recommended to apply the product directly on the surface to be treated by hand spray / airless gun. The flow rate and yield will depend on the porosity of the material. As a general rule, apply more product the higher is the porosity of the substrate.
4. Apply uniformly on the clean and dry fabric until observing darkening of the fabric by wetting with the product. Then allow to dry until tactile perception indicates that the surface is dry (the drying time to the touch will depend on the dose applied and type of tissue to be treated). **The optimum effect** will be achieved after a full drying time of **24 hours**. Avoid that the application cause drains on the material because that would imply an excess of product. In case of product excess, gently wipe off any excess with a damp cloth when it is still fresh.
5. Do not use or subject to abrasion the treated tissue for 24 hours after treatment.
6. When the fabric suffers a stain, the cleaning method should be **removing the stain as soon as possible by gently rubbing with a cloth**. If you have any more permanent stains, use neutral soap.
7. For areas subjected to continuous abrasion, periodic reapplication of the treatment is recommended.

HANDLING PRECAUTIONS

The product safety information necessary for its safe use is not included in this document. Before using this product, read the material safety data sheets and the container labels for safe use and for information on physical hazards and health. The material safety data sheets are available and are supplied by TECNAN.

LIFE AND STORAGE

Storage temperature: between 5 and 30°C; protect from direct sunlight; store tightly closed in original container. When stored in the original sealed containers at temperatures between 5°C and 30°C, the product has a shelf life of 12 months from the date of manufacture. Avoid exposure to direct sunlight and keep away from heat and open flames and avoid freezing. The material contained may settle slowly, so it is recommended an adequate agitation before its use.

LIMITATIONS

- Carry out an initial test on a less visible surface of fabric to ensure that the application method is correct.
- This product is not suitable for medical or pharmaceutical uses.

Limited warranty information. - Please read carefully

The information contained herein is offered in good faith and is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information should be used properly, in preliminary tests to verify that the product is suitable for its intended use. Suggestions of use shall not be taken as inducements to infringe any particular patent. The only guarantee TECNAN is that the product will meet the sales specifications in effect at the time of shipment. Your exclusive remedy for breach of this warranty is limited to the purchase price or replacement of any product that is not warranted. TECNAN specifically disclaims any express or implied warranty of fitness for a particular purpose or marketing. TECNAN disclaims responsibility for any damage caused accidentally.