

NANO PROOF FABRIC DS-300



Oil and water repelling impregnation agent for textiles



PROPERTIES

Waterborne, water and oil repelling impregnating agent, with high penetrating ability. A nanotechnology product. It creates a thin, invisible shield with high strength and durability. It repels humidity and water, without altering the appearance and the texture of the fabric. It facilitates water-only cleaning, thus preventing fabric wear from detergent use. It waterproofs most synthetic and closely woven cotton fabrics and also prevents the creation of stains from oils, wine, coffee, drinks etc.

NANO PROOF FABRIC DS-300 repels dirt, smoke and filth that penetrates through fabrics.

APPLICATIONS

Use NANO PROOF FABRIC DS-300 to easily protect fabrics with dense knitting, carpets, rugs, curtains, sofas, as well as car upholstery from fabric. Protect awning fabrics and canvases, sports shoes, as well as handbags and all other items using fabric in their structure and manufacture.

USE

1. Surface preparation

If needed, simply spray once using DUROSTICK BIOCLEAN general purpose biodegradable cleaner to clean cotton and synthetic fabric surfaces, without any fading or deterioration.

2. Application

The product is ready to use. Just apply evenly spraying from 10-15cm on the dry surfaces. Repeat the process 10 minutes after the first coat, for applications on highly absorbent fabrics. For indoor use, heat the surfaces with a fan heater or hair dryer, until the fabric is dry (for about 10 minutes). For use of the product on external fabric surfaces, heat from the sun is sufficient.

NANO PROOF FABRIC DS-300 is also available in 3.5lt and 18lt containers for wider surface areas, where you may use a manual or an electric sprayer.

NOTES

- Stir well before use

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- The effects of the waterproofing are noticeable after 24 hours
- Complete waterproofing is obtained 7 days after application

CONSUMPTION

Depending on the absorbency of the surface.

STORAGE

Store in cool places, protected from frost for at least 24 months from production date.

SAFETY DIRECTIONS

The product needs no hazard labeling under current European and national legislation. However, it is recommended to keep away from the reach of children. If swallowed, seek medical advice and show the container or label.

PACKAGING

- Carton box with 15pcs of 500ml each on
- Carton box with 6pcs of 3.5lt each one
- 18lt container

TECHNICAL SPECIFICATIONS

Form - Color	Polymer dispersion - White, becomes transparent when dry
Density	1.00±0.05 kg/lt
Application temperature	From +5°C to +35°C
pH	7.0 ± 1.0
Duration of waterproofing	1- 2 years, depending on the weather conditions
Water absorption coefficient	$W \leq 0,5\text{kg/m}^2\cdot\text{h}$
Odorless, user and environment friendly	

V.O.C. (Volatile Organic Compounds):

Limit value of maximum content of V.O.C. per EU (Directive 2004/42 / EC) for this product (category A/i: 'One-pack performance coatings', type WB): 140 gr/lt (2010). The ready to use product contains maximum 50 gr/lt V.O.C.

DUROSTICK S.A.,

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The technical specifications and directions of use contained in this technical brochure are the results of the knowledge and experience of the company's research and development department, as well as from the real-life applications of the product. The recommendations and suggestions regarding the use of the products are made without guarantee since the respective conditions during their application are beyond the control of the company. For this reason, it is the user's responsibility to make sure that the product is suitable for the intended application as well as the application conditions of the project.