

Technical data sheet Treatment Textile & Leather Protector

Product Description:

NanoPro TEXTILE & LEATHER is a nanotechnology-based solution designed to invisibly protect various textiles and leather from water, dirt, stains, and contaminants. It encapsulates fibers without altering appearance, breathability, color, or texture. It's highly water-resistant, ideal for outdoor textiles, and effectively repels oil, coffee, and common stains.

Examples of Use: Clothing and shoes | Household textiles: tablecloths, mats, sofas, pillows

Product Characteristics: Water and oil repellency (contact angle > 120°)

Anti-adhesive properties | Protects fibers against dirt buildup | Safe for food contact.

Invisible coating (thickness: 100-150nm) | UV stable and highly abrasion-resistant

Resistant to temperature fluctuations | Easy to apply

Chemically resistant (including cleaning agents)

Usage: Apply between +5°C and +30°C. | Avoid direct sunlight and treat in small areas if it's 30°C. | Do not apply below 0°C. | Ensure normal humidity and temperature conditions for application. | Clean the textile thoroughly before treatment, even if it appears clean or new. If machine washing isn't possible, clean dirty surfaces with NanoProtection STAIN TEXTILE and rinse with water.

Application: Shake well before use. | Pre-clean and ensure the textile is dry.

Spray TEXTILE & LEATHER evenly until saturation. | For smooth or low-absorbent surfaces like leather, apply sparingly. | Let it dry before contact with hands, water, or other products.

Alternatively, soak and dry (do not wring). | Test the hydrophobic effect when the textile is completely dry.

Amount of Use: Typically, between 25 and 100ml/m², depending on the textile's absorption rate. | Calculate about 10ml/m² per mm of material thickness.

Duration of Action: Provides protection for several years under normal use and abrasion.

Withstands 30 to 40 machine washes for consumer use (more for the professional version).

Advantages: Long-lasting and durable with UV stability. | Excellent abrasion resistance and easy-to-clean effect. | Resistant to most machine cleaning agents.

Storage: Store in the original, unopened packaging for up to 2 years. | Keep between +5°C and +25°C. | Protect from sunlight and seal opened containers tightly.