



## **ROCK PRO WATER-BASED HYDROPHOBIC AND OLEOPHOBIC WATERPROOFING**

### **1. PRODUCT DESCRIPTION**

ROCK PRO is a water-based coating for absorbent or soft surfaces such as textiles (e.g. cotton, polyester, PA blends), stone and wood. It forms an ultra-thin, transparent and easy-to-clean layer that significantly reduces the penetration of water, dirt, grease and other stain-causing substances.

The coating is colorless, odorless, air-permeable, free of volatile organic compounds (VOCs), free of nanoparticles and protects against organic and inorganic contaminants such as coffee, cola, red wine, oil, soot, etc.

The hydrophobic and oleophobic effect remains active for up to at least 2 years, depending on the level of use. It is particularly suitable for household textiles, carpets, stone floors and wooden surfaces.

### **2. PROPERTIES**

- Suitable for almost all absorbent surfaces (stone, wood, textiles)
  - Easy application (also suitable for DIY use)
  - Cures at room temperature (approx. 12 hours)
  - Hydrophobic and oleophobic (repels water and oils)
  - Reduces the penetration of grease, dirt and liquids
  - Reduces the adhesion of microorganisms
  - Very good chemical resistance (pH 2–12, diluted)
  - No nanoparticles
  - No volatile organic compounds (VOC)
  - Non-hazardous (DG)
  - Colorless, air-permeable, slightly alkaline (pH ~6)
  - Inorganic
  - Optimized for highly absorbent mineral substrates



### 3. PRODUCT SPECIFICATIONS AND CHEMICAL PROPERTIES

BASE	SiO <sub>2</sub> /fluoropolymer with antimicrobial agent in water
VOC (volatile organic compounds) content	0% (VOC-free) >
Flash point	93 °C
Layer thickness	approx. 20–200 nm
Density	approx. 1.00 g/cm <sup>3</sup>
Smell	Odorless (typical)
Color	White, translucent
Consumption	25–200 ml/m <sup>2</sup> (= 5–40 m <sup>2</sup> per liter) < 10
Viscosity	mPa·s
pH value	3–4
Shelf life (liquid)	12 months
Solid content	approx. 1%
Storage	+5 °C to +25 °C (freeze and protected from light)
Coating durability	Minimum every 2 years, depending on wear/abrasion

### 4. PFAS INFORMATION

CONTAINS PFAS

### 5. APPLICATIONS AND PROCESSING

Application temperature: +5 °C to +50 °C

Use only on colorfast materials – test on a less visible area first (slight yellowing may occur on white textiles).

When spraying or intensive use, we recommend wearing protective nitrile or butyl gloves (≥0.7 mm), and when spraying or intensive use, it is also recommended to wear protective goggles.

In case of contact with skin or eyes, rinse thoroughly with water and seek medical advice if necessary.

Note: Heavy fabrics, such as carpets, require a larger amount of product compared to fine fabrics, such as silk.

Shake the container well.

- Apply the product evenly using a sprayer, immersion or roller
- For textiles, ensure complete application, but without excessively soaking the material
- Remove excess liquid with a microfiber cloth
- Allow the surface to dry for 12–24 hours at room temperature (shorter time at heating, up to max. 100 °C) ·

It acts as a temporary protective film – dirt must be removed within 2–3 minutes to avoid staining.



#### 6. CLEANING AND MAINTENANCE CLEANING AND MAINTENANCE

**The surface must be cleaned with mild detergents (e.g. Bio Cleaner).  
Harsh chemical detergents are not necessary.  
Regular cleaning prolongs performance.**

#### 7. STORAGE

**Store in dry, well-ventilated areas protected from light, at 15–30 °C.  
Always keep containers tightly closed and upright.  
Do not empty under pressure.**

#### 8. PACKAGING

**3L**

**Concentrated version (692) is available separately (dilution 1:20–1:30)**

#### 9. SAFETY AND TRANSPORTATION

**691 is not classified as a dangerous product.  
Does not require CLP labeling.  
Not classified as dangerous goods according to ADR/IMDG/IATA.  
VOC-free, water-based.**

**Do not discharge into surface waters or sewers.**

**Dispose of residues in accordance with local regulations.**