

# Profi™ Roof



**THINNING**  
0-5%



**COVERAGE**  
0.6 - 1.0 L/m<sup>2</sup>



**APPLICATION**  
brush, roller or  
airless spray gun



**DRYING**  
2 - 3 hours

Acrylic waterproofing and protective membrane for roofs

### » Exceptional resistance to severe weather conditions

Water soluble acrylic elastomeric waterproofing material which is UV-curing, resistant to substrate's alkalis migration and excellent adhesion to new, old and pre-painted construction surfaces. Suitable for flat and sloped roofs with tiles, breast walls, etc. At low and high temperatures KRAFT PROFI ROOF remains very elastic, thus being able to follow the substrate's movements caused by expansions and contractions. It provides extra energy protection, featuring high sunlight reflectance properties, mostly near the IR area of the spectrum, thus reducing the need for A/C use. KRAFT PROFI ROOF is evaluated as cool material.

#### A/c (WB) Exterior walls of mineral substrate.

- VOC Limit Value: 40g/L.
- Maximum VOC concentration of the ready to use product: 39 g/L.

### » Strong adhesion

### » Excellent resistance to UV radiation

#### TECHNICAL DATA

Density ISO 2811 @ 25°C	1.13 g/mL (±0.02)
Viscosity ASTM D 562 -05 @ 25°C	110KU (±10)
Adhesion EN 1542	>1.5N/mm <sup>2</sup>
Tensile Strength ASTM D412	>2.5MPa
Elongation at break ASTM D412	>400%
Water absorption EN 1062-3	<0.05 Kg/m <sup>2</sup> h <sup>0.5</sup> (Class W3)
Water Vapour Permeability EN 7783-2	S <sub>d</sub> <0.5m
Total Solar Reflectance (TSR) ASTM G 173	87%
Infrared Emittance (ε) ASTM E 408-71	0.87
Solar Reflectance Index (SRI) ASTM E1980	110
Coverage (Total)	0.6 - 1.0 lt/m <sup>2</sup>

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## SURFACE PREPARATION AND APPLICATION

- » To ensure proper adhesion, the surface must be dry, clean and free of dust, grease, salts, rust, loose paints and residues, blistered paint, etc.
- » Surfaces of fresh concrete, stucco, plaster and gypsum should be left to dry for at least 4 weeks before applying KRAFT PROFI ROOF.
- » Remove all moss, fungi and algae by mechanical abrasion, wash with soapy water and allow the substrate to dry
- » Use KRAFT PUTTY to fill in joints, cracks and other damaged parts. Expansion joints or large cracks (>3mm) should be bridged using KRAFT HYDROGUARD NET antialkaline reinforcement.
- » Before applying, make sure sufficient inclinations and gutters exist on the roof. In case of puddles with standing water, it is advisable to repair the leaks. In some cases you may need to open new gutters or repair locally using dedicated cement mortar for leaks, lightweight concrete or perlite concrete. Inclinations should be at least 2%.
- » On bituminous substrates do not use solvent-based substrates prior to waterproofing material application.
- » On porous substrates (concrete, cement, plaster, etc.) apply one coat of KRAFT ECO DUR AQUA diluted with water 80% or KRAFT DUR diluted with solvent 100% and allow to dry for 24 hours. Apply two coats of KRAFT PROFI ROOF crosswise.
- » On previously painted stable surfaces with stable base apply two coats of KRAFT PROFI ROOF crosswise.

## APPLICATION INSTRUCTIONS

- » Tools: Roller, brush, airless or air-assisted spray gun.
- » Thinning: A maximum dilution of 5-10% is recommended for the first coat only.
- » Dry to Touch: 2-3 hours at 25°C and 50% relative humidity (drying time is longer in humid/cold conditions).
- » Minimum recoating time: 12-14 hours.
- » Stir well before and during application.
- » Do not apply at temperatures below 10°C or above 35°C and at a relative humidity 65% or higher.
- » In case of expected rain, avoid applying in the next 4 days.
- » In warm weather conditions it is advisable to apply in the early morning hours when the roof surface temperature is lower than 30°C, and not under direct sunlight.

## AFTER USE INSTRUCTIONS

- » Clean the tools and remove product residues immediately after use with warm water and soap or detergent.

## PACKAGING

Available in White, in 3L and 9L containers.

## HEALTH, SAFETY & ENVIRONMENTAL PROTECTION INSTRUCTIONS

Read the label carefully before use. For more information, please refer to the Safety Data Sheet.

Poison Centre Telephone:

+30 210 7793 777

## STORAGE

Store the product at temperatures between 5°C and 35°C away from direct sunlight and rain, for maximum 24 months from the date of production. Keep containers tightly closed when not in use.

07/2023 THIS TECHNICAL DATA SHEET SUPERSEDES ALL PREVIOUS EDITIONS RELEVANT TO THIS PRODUCT

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**DISCLAIMER:** The above technical data, information, recommendations, and instructions are based on our scientific and technical knowledge, laboratory studies and long experience. However, the above information should be considered indicative and should be reviewed in any case in relation to each specific condition and practical application. Consequently, the suitability of the product for each specific application must be evaluated after referring to the updated Technical Data Sheet and to our website [www.kraftpaints.com](http://www.kraftpaints.com), as well as after contacting our technical support department, in case of necessity. Our company guarantees the quality of the product itself, whilst in any case the user/applicant is exclusively responsible for any undesirable consequences after using the product.

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