

# Total Proof™ Top Coat



**THINNING**  
0%



**COVERAGE**  
1.0 - 1.5 Kg/m<sup>2</sup>



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



**DRYING**  
1 - 2 hours

**Modified polyurethane waterproofing membrane for roofs**

» **Great adhesion to all substrates**

» **Cool material**

» **Exceptional resistance to UV radiation & weather conditions**

KRAFT TOTAL PROOF TOP COAT is a high-performance material for protecting and waterproofing all types of surfaces and for bridging and repairing small cracks up to 2mm wide. Thanks to its special formula of a unique technology, it creates a uniform membrane of high mechanical durability and of exceptional and long-lasting resistance to UV radiation and to weather conditions. It is suitable for protecting the polyurethane membrane KRAFT TOTAL PROOF PU-S and waterproofing several substrates and surfaces, like roofs, pipes, gutters, jardinières, joints between roofs and vertical walls. It features great adhesion to all substrates: concrete, cement, glass, metal, tiles, wood, stone, bricks, ceramics, PVC, etc. It can be applied even on liquid substrates and it is highly resistant to stagnant water. It is suitable for surfaces of frequent use, offering high walkability. It is user- and environment-friendly being solvent-free. It is evaluated as cool material featuring high solar reflectance and high IR emissivity, resulting in reduction of the roof surface temperature and improvement of the building's energy efficiency.

**A/i (SB)One-pack performance coatings.**

- VOC Limit Value: 500g/L.
- Maximum VOC concentration of the ready to use product: <49.9g/L.

### TECHNICAL DATA

Density ISO 2811 @ 25°C	1.46 g/mL (±0.02)
Volume solids %	98% (±1)
Viscosity ASTM D 562-05 @ 25°C	110KU (±10)
Tensile Strength ASTM D412	> 5MPa
Adhesion ASTM D 903	> 1.5N/mm <sup>2</sup>
Elongation at break ASTM D412	> 250%
Hardness (Shore A) ASTM D2240	> 35
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> < 2.4m (Class V1)
Whiteness Index ASTM E 313-98	88.0 (±1.5)*
Yellowness Index ASTM E 313-98	0.3 (±0.5)*
Total Solar Reflectance (TSR) ASTM G 173	86*
Infrared Emissance (ε) ASTM E 408-71	0.87*
Solar Reflectance Index (SRI) ASTM E1980	110*
Coverage (Total)	1.2 - 1.5 Kg/m <sup>2</sup> **
Coverage (Total as protective coating)	0.1 - 0.15 kg/m <sup>2</sup> **

\* Only for white.

\*\* Depending on the shade, the application method and the surface absorption.

# Total Proof™ Top Coat

Modified polyurethane waterproofing membrane for roofs

## SURFACE PREPARATION AND APPLICATION

- » To ensure proper adhesion, the surface must be smooth, clean and free of dust, grease, salts, rust, loose paints and residues, blistered paint, etc. The moisture content should not exceed 20%. Remove previous coats, moss, fungi and algae by mechanical abrasion.
- » Surfaces of fresh concrete, cement and plaster should be left to dry for at least 4 weeks before applying KRAFT TOTAL PROOF TOP COAT.
- » Fill in joints and cracks and repair damaged parts using a suitable KRAFT sealant and/or repair material.
- » To waterproof surfaces, apply one or two thick coats of KRAFT TOTAL PROOF TOP COAT, crosswise, with a roller, a brush, an air-assisted or an airless spray gun without thinning. Apply the second coat after 7 hours.
- » To protect the KRAFT TOTAL PROOF PU-S membrane, apply one or two coats of KRAFT TOTAL PROOF TOP COAT, with a roller, a brush, an air-assisted or an airless spray gun without thinning. Apply the second coat after 7 hours.
- » On difficult areas apply thicker or more coats. You can use a suitable reinforcement or KRAFT HYDROGUARD NET to enhance those parts.

## APPLICATION INSTRUCTIONS

- » Tools: Roller, brush, airless or air-assisted spray gun.
- » Thinning: Ready to use.
- » Dry to Touch: 1-2 hours at 25°C and 50% relative humidity (drying time is longer in humid/cold conditions).
- » Minimum recoating time: 7 hours.
- » Stir well before and during application with a stirring drill at low speed.
- » Do not apply at temperatures below 5°C or above 35°C and at a relative humidity 65% or higher.
- » 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.
- » The membrane is fully durable not earlier than 7 days after application, at normal temperature and relative humidity and it can be used only after 24 hours.
- » In case of expected rain, avoid applying in the next 4 hours.

## AFTER USE INSTRUCTIONS

- » Clean the tools and remove product residues immediately after use with KRAFT NITRO SOLVENT 1100.

## PACKAGING

Available in White, in 5Kg and 15Kg 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 18 months from the date of production. Keep containers tightly closed when not in use.

	
<b>DRUCKFARBEN HELLAS SA</b> Megaridos Ave. 19300 Aspropyrgos	
<b>16</b>	
<b>DoP: 01-1220-4</b> <b>EN1504-2</b> <b>Surface protection system-coating</b>	
Carbon dioxide permeability	Sd>50m
Water vapour permeability	Class I
Capillary absorption and liquid water permeability	< 0.1 Kg/m <sup>2</sup> h <sup>0.5</sup>
Bond strength	> 1.0 N/mm <sup>2</sup>
Dangerous substances	NPD
Reaction to fire	Euroclass F

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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