HYDRONYLON®

HYDRONYLON® Liquid-Applied Roof Waterproofing System

PRIMER EMULSION EG

MINERAL SUBSTRATE PRIMER

Technical Data Sheet

Document ref: TDS-EG-2026 v1.0
Issue 1/2026 · Issue date: June 2026
First UK edition

1. Product Description and Intended Use

PRIMER EMULSION EG is a ready-to-use, fine-particle, deep-penetrating priming preparation based on high-quality acrylic resins. It is intended for priming and strengthening all absorbent, excessively absorbent and weakened mineral substrates, including concrete, screeds (cement, anhydrite, gypsum), plasterboard, all types of plasters (cement, gypsum and others) and walling materials made of bricks or blocks (ceramic, silicate or aerated concrete).

PRIMER EMULSION EG is a component of the HYDRONYLON® liquid-applied roof waterproofing system. Within the system, it is used to prime mineral roof substrates before application of the HYDRONYLON®HN top coat.

System build-up for mineral substrates: PRIMER EMULSION EG + HYDRONYLON®HN.

2. Application Instructions

2.1 Product Preparation

PRIMER EMULSION EG is supplied ready to use. It must not be mixed with other materials or thickened; dilution with clean water in a 1:1 ratio is, however, permitted.

2.2 Substrate Preparation

The substrate must be dry and free of dust, dirt, oils, grease and wax. Remove all loose and poorly bonded layers.

2.3 Applying the Primer

Apply PRIMER EMULSION **EG** to the substrate, ideally undiluted, using a roller or brush, in a single, thin and even coat. On very absorbent and weak substrates, the first priming coat may be applied with the emulsion diluted 1:1 with clean water; once the first coat has dried, repeat the priming with undiluted emulsion.

During application, the substrate and ambient temperature must be between +5°C and +35°C. Clean tools with clean water after finishing work.

Material consumption

PRIMER EMULSION EG: 0.2 to 0.3 kg/m².

> **Note:** the primed surface must not be used earlier than 12 hours after application of the final coat of emulsion.

3. Storage and Transport

Store PRIMER EMULSION EG in tightly sealed containers, protected from frost and cold, in a place not exposed to direct sunlight, at temperatures between +5°C and +35°C.

4. Packaging

Packaging: 5 kg containers.

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5. Declared Performance

European Technical Assessment **ETA-23/0735**, issued 30.04.2024 in accordance with European Assessment Document **EAD 030350-00-0402**. Notified Body No. 1454: Łukasiewicz Research Network, Warsaw Institute of Technology, ul. Duchnicka 3, 01-796 Warsaw. Product family: liquid applied waterproofing kits for roof coverings, external application. Declaration of Performance: **DoP No. 01/HYDRONYLON/2026/UK**. Performance values apply to the HYDRONYLON® kit as assessed, with PRIMER EMULSION EG forming part of the system build-up.

Essential characteristic	Declared performance
Minimum thickness: mineral substrate	**0.75 mm**
Minimum thickness: bituminous felt substrate	**1.8 mm**
Minimum thickness: metal substrate	**0.7 mm**
Minimum thickness: PVC membrane substrate	**1.2 mm**
Content, emission and/or release of dangerous substances	**NPD**
Resistance to water vapour: HYDRONYLON®HP + Technical Mesh SW-1 + HYDRONYLON®HN	**μ = min. 130**
Resistance to water vapour: HYDRONYLON®HMS(P) + HYDRONYLON®HN	**μ = min. 70**
Watertightness	**Watertight**
Resistance to wind loads	**Pass (> 50 kPa)**
Resistance to mechanical damage (perforation)	**P3**
Resistance to fatigue movement	**Pass**
Resistance to low surface temperatures	**I_3**
Resistance to extremely low surface temperatures	**NPD**
Resistance to high surface temperatures	**L_3**
Resistance to plant roots	**NPD**
Effect of variations in kit components and site practices	**NPD**
Effect of day joints	**NPD**
Slipperiness	**min. 0.90**

Performance level according to intended use	Classification
External fire performance	**B(roof) (t1)**
Reaction to fire	**E**
Climatic zone of use	**M (Moderate)**
Expected working life	**W2 (10 years)**
User loads	**P3 (Normal)**
Roof slopes	**S1 to S4**
Minimum surface temperature	**TL3 (−20°C)**
Maximum surface temperature	**TH3 (+80°C)**

6. Health and Safety

Keep out of reach of children.

Refer to the product Safety Data Sheet (SDS) before use.

7. Important Notes

The manufacturer guarantees the quality of the product but has no influence over the manner of its use. For refurbishment work, follow the recommendations given in this Technical Data Sheet. The information above cannot replace the professional competence of the contractor and does not exempt the contractor from compliance with good building practice and health and safety regulations.

If in doubt, contact HYDRONYLON LTD on 020 7947 3625 or at office@hydronylon.uk.

8. Manufacturer and UK Importer

Manufacturer

Proof-Tech Sp. z o.o.
ul. Wyczółkowskiego 21
44-109 Gliwice, Poland

European Technical Assessment ETA-23/0735
DoP No. 01/HYDRONYLON/2026/UK

UK Importer & Distributor

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