

Set for creating liquid-applied roof coverings HYDRONYLON®

## **Product Technical Card**

Edition 1/2021

# **HYDRONYLON®HP** **(UNDERLAY)**

## **1. Product description and its application.**

**HYDRONYLON®HP** - a polymer underlay waterproofing membrane, an integral component of the **HYDRONYLON®** set for creating liquid-applied roof coverings.

## **2. Implementation instruction.**

### 2.1. Product preparation.

The compound should be thoroughly mixed before application. Do not dilute it.

### 2.2. Substrate preparation.

#### **For felt substrates:**

All sections of felt with weak adhesion, those that are brittle and flaking, should be removed and any gaps should be filled with new felt. Blisters on the old covering should be removed. Any accumulated debris on the roof's surface must be cleared away either by thorough sweeping or vacuuming. If there's a need to wash the roof with high-pressure water (for heavily soiled substrates), the roof must be left to dry completely after washing! (Failure to adhere to these requirements may result in the appearance of small bubbles, which, however, do not affect the waterproofing's integrity and durability).

### 2.3. Application of the coating.

On the prepared substrate, using a brush or broom, apply the first layer of **HYDRONYLON®HP**. After the first layer has dried, apply the second layer of **HYDRONYLON®HP** through the **technical mesh SW-1** (it is also acceptable to apply the first layer of **HYDRONYLON®HP** directly to the prepared substrate through the **technical mesh SW-1**). The underlayer should be applied in a minimum of two layers.

**Material consumption:**

**HYDRONYLON®HP** (first layer): approx. 1.0 kg/m<sup>2</sup>

**HYDRONYLON®HP** (second layer): approx. 1.0 kg/m<sup>2</sup>

**Total consumption** of **HYDRONYLON®HP**: min. 2.0 kg/m<sup>2</sup>.

**Note:**

Before applying subsequent layers, ensure that the preceding layer is dry. The recommended technical break between consecutive layers is a minimum of 24 hours.

When laying the **technical mesh SW-1**, remember to maintain a minimum overlap of 10 cm.

**3. Activities to avoid:**

- Working during inconsistent weather conditions.
- Carrying out tasks during precipitation, on icy surfaces, constantly damp areas, or surfaces where there are pools of rainwater.
- Undertaking tasks when the temperature throughout the day doesn't exceed +10°C or when the ambient and substrate temperatures exceed +35°C.
- Working when the relative humidity is above 85%.
- Transferring the material to containers previously used to store other substances.
- Cleaning tools with solvents (all tools should be washed with warm water and detergents).
- Leaving containers open after work or storing containers in places exposed to overheating or freezing.

**4. Storage and transportation:**

Containers with the material should be stored tightly sealed at temperatures between +5°C to +30°C, in a manner that prevents any damage or destruction. Once opened, the product should be used within no longer than 30 days. Transportation should comply with the standards applicable for transport to ensure that the containers are not damaged.

**5. Remarks.**

The **HYDRONYLON®HP** base layer cannot be used as a standalone coating. After applying the underlayer, the top coat of **HYDRONYLON®HN** must be applied.

While the manufacturer guarantees the quality of the product, they do not influence its application. For renovation works, it is essential to adhere to the recommendations provided in the technical card. However, the above information cannot replace the professional preparation of the contractor and does not exempt them from adhering to construction best practices and health and safety regulations. If in doubt, it is advised to directly contact the principal distributor at phone number: +44 7593 196505.

**Packaging:** 25 kg plastic buckets

**Shelf Life:** 18 months in sealed, original packaging

EUH208 - Contains 1,2-benzisothiazol-3(2H)-one; reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1). It may cause an allergic reaction.

The product does not contain components listed under Art. 59(1) as having endocrine-disrupting properties nor ingredients with endocrine-disrupting properties as defined by Regulation 2017/2100/EU or Regulation 2018/605/EU at concentrations equal to or greater than 0.1%. The substances contained in the product do not meet the PBT or vPvB criteria as per Annex XIII of the REACH Regulation.

**Manufacturer:**

Proof-Tech Sp. z o.o.  
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ul. Tarnogórska 9  
Poland

**Place of production:**

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