

HYDRONYLON®

Liquid-applied roof waterproofing kits - external use

Product Technical Data Sheet

Edition 1/2021

HYDRONYLON®HP (BASE LAYER)

1. Product description and its application.

HYDRONYLON®HP is a polymer waterproofing membrane, used as a base layer, which is a component of the **HYDRONYLON®** liquid-applied roofing waterproofing system.

2. Execution instruction.

2.1 Product preparation.

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

2.2 Substrate preparation.

Bituminous felt substrate:

BITUMINOUS FELT SUBSTRATE: All sections of felt with weak adhesion, brittle, or flaking areas should be removed, and any gaps should be filled with new felt. Bubbles on the old covering should be removed. All accumulated dirt on the roof surface should be removed by thorough sweeping or vacuuming. If pressure washing the roof (for heavily soiled substrates) is necessary, the roof should be allowed to dry completely after washing. (Failure to comply with these requirements may result in the appearance of blisters affecting the aesthetics of the roof covering).

2.3 Application of the coating.

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

Material consumption:

HYDRONYLON®HP (first layer): approx. 1.0 kg/m²

HYDRONYLON®HP (second layer): approx. 1.0 kg/m²

Total consumption of **HYDRONYLON®HP**: min. 2.0 kg/m²

Note:

Before applying subsequent layers, ensure that the previous layer is dry. The recommended technological interval between layers is a minimum of 24 hours.

Technical Mesh SW-1 should be laid with an overlap of at least 10 cm.

3. Activities to avoid.

Avoid performing work in variable weather conditions; working during precipitation; coating frozen, constantly damp surfaces, or surfaces with standing rainwater; performing work when the temperature remains below +10°C for the entire day or when the ambient and substrate temperature exceeds +35°C; performing work when the humidity exceeds 85%; transferring the compound to containers that previously held other substances; cleaning tools with solvents (all tools should be cleaned with warm water and detergent); leaving containers open after work is completed, or storing containers in areas exposed to overheating or freezing.

4. Storage and transportation.

Containers with the compound should be stored tightly closed at temperatures from +5°C to +30°C, in a manner that prevents damage or destruction. The product should be used within 30 days after opening. Transport in accordance with applicable regulations to prevent container damage.

5. Notes.

The **HYDRONYLON®HP** base layer cannot be used as a standalone waterproofing coating; after applying the **HYDRONYLON®HP** base layer, the **HYDRONYLON®HN** top coating must be applied.

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The manufacturer guarantees the quality of the product but cannot influence how it is used. Follow the recommendations provided in the technical data sheet.

The above information cannot replace professional preparation by the contractor and does not exempt them from adhering to building standards and health and safety regulations.

Packaging: 25 kg plastic bucket

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 any ingredients listed in the register established in accordance with Article 59(1) as having endocrine-disrupting properties, nor any ingredients with endocrine-disrupting properties according to the criteria set out in Regulation 2017/2100/EU or Regulation 2018/605/EU at a concentration equal to or greater than 0.1%. The substances contained in the product do not meet the PBT or vPvB criteria according to Annex XIII of the REACH Regulation.

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