

NIDAROOF 40/60/80

PRODUCT DESCRIPTION AND USES

NIDAROOF is a rigid panel with a hexagonal alveolar plastic structure and covered by a synthetic nonwoven.

NIDAROOF is part of the WATEROOF system and can be used as:

- Temporary or permanent water retention
- Light backfill in case of green roof or under pedestrian protection
- Stabiliser of gravels in case non accessible roof
- Stabiliser of substrate in case of green roof

NIDAROOF can also improve hygiene and security when used with paving slab


COMPOSITION and NOMINAL CHARACTERISTICS

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|---|--|
| Compound | Polypropylene (60 % of recycled PP) |
| Filter | Nonwoven polyester 150 g/m ² |
| Density from honeycomb (kg/m ³) | 33 |
| Water storage capacity (L/m ²): | (empty rating ≥ 95%) |
| Panel of 40 mm thick | ≥ 38 |
| Panel of 60 mm thick | ≥ 57 |
| Panel of 80 mm thick | ≥ 76 |
| Resistance Rcs mini | 0.150 MPa (following NF EN 826 and cahiers Cstb 3230 from nov.2007) |
| Distortion | Ds mini = 1% and Ds maxi = 2% |
| Compression resistance (T/m ²) | ≥ 30 (ISO 844) |

PACKAGING

| NIDAROOF | 40 | 60 | 80 |
|---|------------------------|------------------------|-------------|
| Facing face 1 – polyester (g/m ²) | Filter 150 | Filter 150 | Filter 150 |
| ² Size of the panels (m, ± 25 mm) | 2.40 x 1.20 | 2.40 x 1.20 | 2.40 x 1.20 |
| Surface of a panel (m ²) | 2.88 | 2.88 | 2.88 |
| Thickness (± 5 mm) | 40 | 60 | 80 |
| Area density (kg/m ²) | 1.3¹ | 2.1² | 3.2 |
| Quantity of panel / pallet | 56 | 37 | 28 |
| Surface / pallet (m ²) | 161,28 | 106,56 | 80.64 |
| Weight/pallet (kg) | 260 | 260 | 260 |

ISO 9001 REFERENCE DOCUMENT

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|---|---|
| <p>Our products are manufactured by certified ISO 9001 plants</p> |  |
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¹ Data from nidaplast.com

² Data from nidaplast.com

GENERALITIES ABOUT APPLICATION

NIDAROOF panels are installed following instruction of CCP WATEROOOF, in one or several layers.
Very easy to handle.

Panels are installed over the waterproofing membrane. A separating layer (GEOFLOW 44-1F) has to be applied between the waterproofing membrane and NIDAROOF.

- NIDAROOF (40 / 60 / 80) used as water retention is applied with the nonwoven polyester (150 g/m²) on the top.
- NIDAROOF (40 / 60 / 80) used as gravels stabiliser is applied with the nonwoven polyester on the back.

COMPLEMENTARY INFORMATIONS

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|---------------------------|---|
| Values | Where 2 values for given characteristics are shown, the first is for longitudinal direction and the second is for the cross direction. |
| Tolerances | The average values derived from standard tests and are subject to the usual production variations. Some slight variations can be noticed as the values are based on the average values obtained from several plants. |
| Modification(s) | Our company reserves the right to modify its composition as a result of technologic and experiments improvements. This product data sheet supersedes the previous edition, to obtain the up- date technical data sheet, please contact our technical department |
| Hazardous classification | It is not classified as dangerous according to the international regulation (ADR, RID, IATA, and RTMDR) |
| Complementary information | This document is only a product technical data sheet, regarding each waterproofing design, please, consult the concerned technical agreement and in case of doubt contact our technical department. |
| Storage | This product is packaged in rolls set up vertically on pallet or wooden box. It must be stored vertically under shelter, away from heat sources. |