# NANO-BLOCK HP

## High-penetration thixotropic silane gel

Ready-to-use cream based on monomer silane; it does not run out of horizontal holes. Injected at low pressure at the base of the wall, it migrates through pores and capillaries and forms a permanent hydrophobic barrier against rising damp.




## FEATURES & BENEFITS

- Thixotropic gel
- High penetration
- Does not run out of holes
- Ready to use
- Permanent hydrophobic barrier
- Does not impair water-vapour permeability

## FIELDS OF USE

- Rising damp in masonry
- Brick, stone, mixed and rubble masonry
- Chemical damp-proof course at the base of the wall
- Renovation works with removal of damaged plaster

## KEY DATA

Probar pack sizes
**310 ml · 5 kg**
range PNBHP-310 / 5K / 16K

Density
**approx. 1**
physical-chemical data

pH
**7–8**
physical-chemical data

Appearance
**creamy**
milky white colour

## PHYSICAL-CHEMICAL PROPERTIES

| Item | Value |
|---|---|
| **Colour** | milky white |
| **Appearance** | creamy |
| **Density** | approx. 1 |
| **pH** | 7–8 |

## PACKAGING

- 310 ml cartridge
- 5 kg bucket
- 16 kg bucket
- 180 kg drum available on request / subject to manufacturer availability

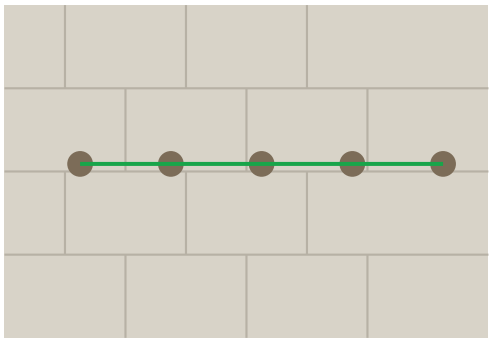
Data sources: Probar Italia product page “NANO-BLOCK HP” and manufacturer technical data sheet “NANOGEL BARRIER W PLUS”, version 0 dated 15/05/2013.

# APPLICATION INSTRUCTIONS

Wall base injection layout and installation notes.

## APPLICATION PARAMETERS

Ø 14–16 mm  10–12 cm  ~5 cm



holes approx. 5 cm above floo

| Item | Value |
|---|---|
| **Hole diameter** | 14–16 mm |
| **Hole spacing** | 10–12 cm |
| **Hole level** | approx. 5 cm above ground |
| **Depth** | 4–5 cm less than wall thickness |

## APPLICATION INSTRUCTIONS

1. If possible, remove damaged plaster and other coatings up to several tens of centimetres beyond the damp-marked area.
2. Drill a series of horizontal blind holes, preferably aligned with the mortar joints of the brick or stone courses.
3. Inject NANO-BLOCK HP with a manual gun until the hole is completely filled, avoiding entrapped air.
4. For correct filling, use an extension tube and fill the hole starting from the back towards the outside.

## STORAGE & SAFETY

- Storage life: 6 months in tightly closed containers.
- Storage temperature: from 5 °C to 40 °C.
- As far as possible, avoid direct skin contact by using suitable work gloves.

## NOTE

- Complete and updated values are defined by the manufacturer technical data sheet.
- The treatment maintains vapour permeability of the masonry.
- The wall must be assessed according to site conditions and masonry type.

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