

Neostop®

Extremely fast-setting mortar for instant sealing of water-leaking or moist spots

Description

Extremely fast-setting mortar for instant sealing of water-leaking or moist spots. Its full hardening occurs in ~3 minutes.

Fields of application

Applied locally on concrete walls or floors with leaking water presence, in the form of jets, drops or moisture



Packing
5kg and 1kg

Properties - Advantages

- Extremely fast-setting – sealing occurs in a few seconds from the time the product gets in contact with the leaking water or moisture of the surface
- Full hardening within 3 minutes (+20°C)
- Ready to use – Easy to apply on vertical surfaces as well, due to its thixotropy
- Compatible with subsequent cementitious waterproofing systems (**Revinex® Flex System, Neopress® Crystal**, etc.)
- High compressive and flexural strength
- Does not contain chlorides

Technical characteristics

Water requirement (by weight)	30%
Compressive strength (28 days, EN 196-1)	32MPa
Flexural strength (28 days, EN 196-1)	6,5MPa

Efficiency in volume of hardened paste: 1,5kg/L

Application conditions & Curing details

Application temperature	+5°C min. / +30°C max.
Initial hardening (+20°C)	1 minute
Full hardening (+20°C)	3 minutes

Instructions for use

Substrate preparation

The surfaces must be stable, clean and free of dust, oil, grease, and loose materials. If dry, the substrate must be wetted, removing the excess water.

Application

Sealing of water-leaking spots

The leaking cracks or holes should be enlarged in the shape of a cone of app. dimensions 3x3cm. **Neostop**[®] is gradually added to water and stirred manually for a few seconds, until a homogeneous mixture is obtained (like wet clay), without any lumps. The mixture is then pressed and held on the leaking spot for app. 1 minute. In case the water pressure is too high, sealing may be achieved by a dry, compressed mass of **Neostop**[®].

Sealing of water-leaking surfaces

Neostop[®] is applied initially in the areas with low water pressure by rubbing the necessary amount of material on the wet surface, until it dries. Then the application may proceed to areas where more intense leaking is observed (e.g. in the walls-floor intersections) or any leaking spots where the moisture has been directed and eventually released.

Special notes

- The actual hardening time significantly depends on the prevailing atmospheric conditions and the temperature of the water mixed with **Neostop**[®]. It is strongly recommended that the ambient temperature, as well as the temperature of the water mixed with **Neostop**[®] is >+15°C. In low temperatures, the hardening time is significantly delayed, and warmer water needs to be added in the mix. In case of high temperature conditions, mixing with cold water is recommended.
 - Always use protective rubber gloves while handling the product. **Neostop**[®] reacts with the water and is classified as irritant.
 - When the mixture starts to harden, it is not recommended to add any extra water for improving its workability
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Appearance	Grey powder
Packing	5kg and 1kg in plastic pails
Cleaning of tools – Stains removal	By water immediately after the application. In case of hardened stains, by mechanical means only.
UFI code	RAH0-E0DU-3005-HXGC
Storage stability	1 year, if kept in the original sealed packaging, protected from frost, humidity and exposure to solar radiation.

The information supplied in this datasheet, concerning the uses and the applications of the product, is based on the experience and knowledge of NEOTEX® SA. It is offered as a service to designers and contractors to help them find potential solutions. However, as a supplier, NEOTEX® SA does not control the actual use of the product and therefore cannot be held responsible for the results of its use. As a result of continual technical evolution, it is up to our clients to check with our technical department that this present data sheet has not been modified by a more recent edition.

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