



Product description

Nanoseal Pro is an economical pre-installation or 6-Sides Sealer, natural look water-based and penetrating sealer that will provide the stone's surface a protection characteristic against the salty water absorption from the backsides of the stone upon fixation with cementitious based adhesives. **Nanoseal Pro** does not adversely affect the bonding strength between the stone and the substrate. It allows moisture vapor transmission of the stone as its classified as impregnator or penetrating sealer.



Product features

- Water- borne formula with low VOC content.
- Pre-fixing sealer, back coat or pre-sealer & does not affect negatively on the bonding strength.
- Efflorescence salt blocking technology.
- Protective penetrating layer to prevent rising damp spots and stops contaminants rising up from the substrate.
- Cost effective solution and ready to use.
- Easy to apply by brush, mop, roller or dipping technique.
- Can be used as pre-grouting sealer or top sealer for temporary protection.
- Suitable for interior and exterior applications.



Where to use & limitations

- Specific protective product for all types of natural stones such as granite, marble, travertine, limestone, sandstone, slate, agglomerates, terracotta, etc. and absorbent cementitious-based substrates.
- Can be applied on masonry, brick, interlock, concrete pavers, and non-glazed or porous tiles.
- This product is not a waterproof membrane. Use a waterproof membrane if required as per the project requirement.
- Do not allow product to come in contact with any non-recommended surface.

- Do not allow the product's residues to remain or dried on polished stone's surface, glass or aluminum.
- Clean the excess with a damp sponge or cotton cloth after product application. If dry white residues occur, scrub the stone surface with water and a white nylon pad.
- Do not apply the product to the stone top surface If an enhancer sealer will be applied as a final surface seal, as it will stop the penetration of enhancing sealers.
- Do not apply when the surface temperature is below 8 °C.



Surface preparation & Application

Safety instruction for the application process

- Sealer is irritant to the eyes and skin. Avoid contact with eyes and skin. In case of contact with eyes, rinse immediately with plenty of running water and seek medical advice. Use suitable protective gloves and goggles.

Application procedures

- Clean the surfaces & backsides of the stone or tile or slab by removing any dust and residues that could adversely affect sealer penetration and performance.
- Make sure that the surface is completely dry and free from any dampness then start to apply the product evenly and continuously on the back and sides of the stone or tile using brush, mop, roller or airless pump.
- A single coat is highly recommended, assuring 100% coverage and porous surfaces may require further second coat application. The product can also be applied by immersing (dipping technique) the material in it for roughly 20-30 seconds.
- Product residues must be removed & cleaned by dabbing the excess material with cotton towels, to avoid pooling of the product on the surface.
- Sealer should be allowed to cure 24-48 hours (temperatures between 20 °C and 40 °C) prior to the installation process. Ensure that the application area is well-ventilated during the product application and until the stone surface being complete dry.
- Choose the adhesive suited to the type of installation, according to the European standards EN 12004 or American standards ANSI. **Nanoseal Pro** allows moisture vapor transmission and does not adversely affect bonding of stone/ tile to the main substrate.

- For use as a pre-seal prior to grouting process, apply double coat to the top surface of the stone, and sides if required. Sealing all six sides is recommended for maximum protection. Consult Advamix's technical team for the installation recommendations regarding substrates and conditions not listed.

Cleaning

- **Nanoseal Pro** cleans easily with fresh water immediately after use. Do not allow dried residues to remain on polished surface, glass or aluminum.

Handling and storage

- Keep stored in the original container only.
- Close the container tightly after each use.
- Store and use between temperatures of 10 ° C and 40 ° C.
- Factory sealed original container of this product are guaranteed to be of good quality for two (2) years if stored off the ground in a dry area, at temperature > 0°C and < 40°C.

Consumption

- **Nanoseal Pro** consumption will strongly vary and depending on the stone density, porosity, surface absorption, final texture, site conditions, application method and numbers of applied coat. Approximately coverage will be in the range of 30 m² to 120 m² per 3.785 L (US gallon).

Warning

- Keep out of reach of children.
- Protect can from frost & sunlight.
- Do not disperse into the environment after use.
- Although the technical details and recommendations contained in TDS correspond to the best of our experience and knowledge, all the above information must, in every case, be taken as merely indicative and subject to confirmation after long-term practical application; for this reason, anyone who intends to use the product must ensure

beforehand that it is suitable for the envisaged application. In every case, the user alone is fully responsible for any consequences deriving from the use of the product.

Note:

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control. Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields. Information on this datasheet is subject to change without notice and should not be used for writing specification. For additional information on specific applications, please contact Advamix,LLC. The information contained herein, particularly recommendations for the handling and use of our products, is based on our professional experience. As materials and conditions may vary with each intended application, and thus are beyond our sphere of influence, we strongly recommend that in each case sufficient tests are conducted to check the suitability of our products for their intended use. Legal liability cannot be accepted on the basis of the contents of this data sheet or any verbal advice given, unless there is a case of willful misconduct or gross negligence on our part. This technical data sheet super sides all previous editions relevant to this product. Advamix reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.