



NS26

INNOVATIVE PENETRATING SEALER WITH NANO TECHNOLOGY

Product Overview

TWS NS26 is an innovative solvent free sealer based on world leading nano technology. Designed for use over masonry, concrete, timber and general porous building surfaces, NS26 provides multifunctional properties including water repellence, ease of cleaning and resistance to mechanical abrasion. NS26 does not change the appearance of the surface it is applied to enabling the actual surface appearance to be maintained without the effects of water staining. Ideally suited for surfaces exposed to internal and external environments.

Product Features

- Does not change surface appearance
- Solvent free
- Outstanding water and weather resistance
- Penetrating properties enhancing abrasion resistance
- Ease of cleaning surfaces
- Long lasting sealing effects to treated surfaces
- Life expectancy 10 years before re-coat, depending on level of impact abrasion

Typical Applications

- Surfaces exposed to high abrasion
- Public pedestrian and light traffic areas
- Stadiums
- Over exposed car parks
- Waterproofing of surfaces exposed to heavy wear conditions

General Application Details

- TWS NS26 is best applied using spray apparatus, either spray pack or airless spray methods. A liberal spray coat is to be applied. It can also be brush or roller applied.
- Apply sufficient material to the surface until product no longer absorbs and beads on the surface
- Coverage is 1Lt per 10-12m² and on extremely porous surfaces this may be reduced.
- Coverage can be achieved in 1 coat, ensuring the total surface has been wetted with the sealer. After drying all areas will bead water if correctly applied.
- Drying times – the Nano sealing effect will take approximately 4 hours at drying conditions of 20°C on porous surfaces. In cooler conditions allow 6-8 hours drying for the Nano effect to take place.
- For areas to be regularly trafficked over it is recommended to allow 24 - 48 hours drying at ambient conditions of 20°C (50% RH) prior to using the area in service.
- Clean up with soapy water while in a dry or wet state

Important Notes

All surfaces should be tested to confirm surface porosity or the presence of existing sealers prior the application of NS26. To determine, apply a small amount of water onto surface. If the water is absorbed and the surface becomes darker, the surface is considered porous and untreated allowing the application of the NS26 to proceed. If the water beads or stands on the surface and fails to absorb, the surface must be mechanically grinded to remove existing sealers/treatments or etched to improve porosity and allow proper penetration of the sealer.

Please note: Once dried product needs to be removed mechanically

It is recommended before commencing the application; that adhesion of products to be used (e.g. primers, membranes, coatings adhesives etc) is tested over a typical area of the prepared surface to ensure satisfactory adhesion.



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Safety Precautions

- Prior to commencing the full application, it is recommended to trial a small typical area to ensure compatibility and application to check absorbency properties.
- Do not apply when rain is imminent within 8 hours.
- Not to be applied over glass, glazed or impervious surfaces
- Do not apply when surface temperature is below 5°C or above 30°C
- Do not use alkaline pH cleaners at 10-11 when cleaning surfaces that have been treated with this product.
- Will not seal against solvents and fuels
- Gloves, protective glasses and clothes should be worn when applying.
- When liquid/fluids other than water are spilt onto the treated surface it is recommended to dry absorb these fluids directly after spillage.

Storage

Best stored at room temperature in a dry area between 5°C and 25°C.
Avoid cold freezing conditions and off concrete floors.

Shelf life is 12 months when stored in a dry place

Packaging

- 750ml Spray Bottle
- 2 Litre Container
- 5 Litre Container
- 15 Litre Pail

How it Works

TWS NS26 consists of non-visible micro particles and during application these particles organise themselves to form a unique sealing structure that ultimately forms a glass like layer that guarantees long term protection against the environmental influences.

TWS Nano sealers have optimum penetrating properties on the surfaces they are applied to, with the ability to penetrate up to 4-6mm on porous surfaces.

As a result of the Nano particle effect, once the sealer is applied to surfaces water beads preventing absorption into the treated area.

Contact Details

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Product disclaimer

This Product Data Sheet (PDS) summarises our best knowledge of the product, including how to use and apply the product based on the information available at the time. You should read this PDS carefully and consider the information in the context of how the product will be used, including in conjunction with any other product and the type of surfaces to, and the manner in which, the product will be applied. Our responsibility for products sold is subject to our standard terms and conditions of sale. Total Waterproofing Supplies does not accept any liability either directly or indirectly for any losses suffered in connection with the use or application of the product whether or not in accordance with any advice, specification, recommendation or information given by it.