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## Cleaning, Protecting and Maintenance of Marble and Limestone & Travertine

The name marble and limestone includes a wide variety of materials. Due to their origins, different types of marble and limestone's differ greatly in their properties (durability, porosity, etc). Aside from their fascinating appearance, one thing all kinds of marble and limestone's have in common is that they all require surface treatment. The correct treatment not only can enhance the stone's appearance, but also allows for easy cleaning using contemporary methods. Choosing the right care system from the beginning will maintain this elegant stone's appearance for many years.

### Pre sealing prior to laying tiles

It is advisory for all natural stone products that have a porosity of >.3%. Pre Sealing is a precautionary measure taken to prevent the product from staining throughout the laying process. Cover the entire tiles surface with Pro, ensuring that the product is absorbed into the tiles pores & capillaries. (Check the suitability of product when using stones that are acid sensitive or polished.)

### Initial cleaning of newly installed surfaces

Before grouting lightly apply PRO to your natural stone tiles before grouting. This treatment will simplify removing excess grouting material because the surface will be water repellent.

Hint: The grouting material should be carefully removed from the surface with diluted MN Easy-Care during or immediately after grouting. It is necessary to remove grouting material before it cures from the tile surface.

When the grout lines have cured, again clean the surface with MN Power-Clean diluted approximately 1:10 in preparation for sealing.

### Cleaning of non-typical types of dirt

Use MN Power-Clean on common grease, care product and dirt deposits. Re-application or the use of a brush or floor-cleaning machine maybe required when cleaning a textured surface to achieve the desired result. In case of stubborn staining, you may require a specialised Lithofin product. In either case, carefully rinse with plenty of clear water to ensure no residues remain on the surface.

Protection  
(Impregnating)

MN Stain-Stop is a premium impregnating sealer that makes the surface water, oil, grease and dirt resistant without changing the surface appearance or without building layers. This product is especially suitable for areas which are prone to staining such as kitchen, bathroom, dining areas. This impregnating sealer is suitable for all indoor and outdoor areas and will protect the stone for many years. Thoroughly clean high water areas such as shower recesses every 12 months with MN Power-Clean and re-seal with MN Stain-Stop.

Important: Impregnating sealers do not affect marble and limestone's sensitivity to acidic and abrasive products.

Maintenance

Indoors: To regularly maintain residential floor surfaces in one easy step use MN Easy-Care. If you require a slight sheen on your impregnated surface occasionally add MN Care-Sheen to the washing water. For kitchen bench tops, vanities, window sills, glass, stainless steel and other small areas MN Easy-Clean Spray is a ready to use, streak-less, hygienic, daily, natural and engineered stone cleaner. To enhance the shine and increase surface protection on polished tops, occasionally use MN Polish-Cream.

Outdoors: Regularly use MN Easy-Care. Green stains left by plants and general dirt can be removed with MN Power-Clean. For structured surfaces a brush or brushing machine is helpful. Algae and moss can be effectively removed and prevented from returning for many months by using ALGEX.

The Process

<i>Marble &amp; Limestone tiles</i>	<i>Surface</i>	<i>Marble tops</i>
(if required) pre-seal with <b>PRO</b>	<i>Step 1</i>	seal with <b>MN Stain-Stop</b>
removing grout residue during grouting	<i>Step 2</i>	maintain regularly with
-adding <b>MN Easy-Care</b> to the sponge		<b>MN Easy-Clean spray</b>
water will enhance the cleaning process		
clean with <b>MN Power-Clean</b>	<i>Step 3</i>	occasionally apply <b>MN Polish-Cream</b>
-dilute 1:10 with clear water		to polished surfaces only
seal with <b>MN Stain-Stop</b>	<i>Step 4</i>	
maintain regularly with <b>MN</b>	<i>Step 5</i>	

## Cleaning

<i>Removing</i>	<i>Recommend Product</i>
stubborn & heavy dirt deposits, care product residues, grease & oil residues, soap residues, heavy traffic areas	<b>MN Power-Clean</b>
wax layers, sealants, fresh tar and paint, soot, liquid paper	<b>WAX-OFF</b>
lime deposits, rust, efflorescence, water stains, and grout residue	<b>MN Power-Clean, or mechanical treatment maybe required</b>
algae, moss	<b>ALGEX</b>
deeply engrained oil stains	<b>OIL-EX</b>

## Maintenance

<i>Area</i>	<i>Recommended Product</i>
every-day cleaning of floors	<b>MN Easy-Care</b>
every-day cleaning of tops and vanities	<b>MN Easy-Clean spray</b>
regular cleaning of wet areas (shower, bath)	<b>MN Easy-Care</b>
occasional thorough cleaning of wet areas	<b>MN Power-Clean</b>

Important: Avoid using, resting or placing products on your granite surfaces that may contain methylated spirits, bleaches, chlorine, acid, citric acid and corrosives. These types of products can cause permanent damage to the stone composition and will break down the sealer. Limit the use of wax or acrylate-based products as they promote a build up of layers.

Incompatible products reduce the longevity of sealed surfaces and will damage the stone composition.

This information should be considered to be informal and non-binding. The products must be used according to local conditions and materials.

Instructions must be read carefully and followed closely; Technical Information sheets are available upon request. When no previous experience is available, or in case of doubt, tests the product in an inconspicuous area.

### DISCLAIMER

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Country specific recommendations, depending on local standards, codes of practice, building regulations or industry guidelines, may effect specific installation recommendations.

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