

Cleaning - Protecting - Maintaining Granite honed, sawn, flamed -outdoors- textured, sawn, flamed and honed surfaces -outdoors-

The term granite is also used for other hard stones, such as gneiss, gabbro, syenite, quartzite, etc. All these stones are very robust, their sensitivity to staining, however, differs widely. The correct treatment -from the beginning- is important for this natural material and guarantees the optimal appearance for many years.

Overview of the 3 Steps *for more detailed instructions, please refer to Page 2*

1

Initial cleaning of newly installed surfaces

Lithofin MN Builders' Clean removes grout residues and builders' dirt leaving a clean surface.

Please Note:
Always test the product in an inconspicuous area. Some stones may turn matt or change in colour. In this case, use Lithofin MN Power-Clean.



Coverage:
1Ltr./30m²



Dilute product 1:10 with water.



Distribute with a broom and scrub. Scrub again after approx. 10 minutes.



Rinse or remove the solution and dirt from the surface.



Rinse well with plenty of clear water.



Allow the surface to dry.

Necessary equipment: bucket, scrubbing brush, broom, wet-and-dry vacuum

2a

Protecting against stains

Lithofin MN Stain-Stop –invisible- protects against water, oil, grease and dirt simplifying maintenance.



Coverage:
1Ltr./10m²



Please note.



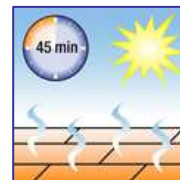
Pour product in a basin or bucket before applying.



Evenly apply with a broom, brush or pad. Repeat after 5 min.



Distribute or remove excess product, streaks and puddles.



Allow to dry. Do not walk on surface for approx. 45 minutes.



Protect from water for 24 hours.

2b

Enhancing and protecting against stains -alternative to 2a-

Lithofin Stainstop PLUS protects against oil and water and simplifies maintenance while at the same time enhancing the stone's natural colour.



Coverage:
1Ltr./8m²

Application method as described in 2a.

Necessary equipment: bucket or basin, broom or brush, pad

3

Regular maintenance

Lithofin MN Power-Clean for removing surface dirt and heavy dirt residue as needed.



Dilute product 1:5 with water. Brush over surface and leave for 5 minutes.



Scrub the floor and rinse with clear water.



Spray with Lithofin ALGEX once per year to prevent algae growth.

Necessary equipment: bucket, scrubbing brush, mop.

Please follow the detailed instructions on the product label

Newly installed surfaces

Before grouting: apply Lithofin STAINSTOP >W< or Lithofin PRO to the dry surface and edges before grouting. This treatment will simplify removing excess grouting material because the surface will be water repellent.

1 Cleaning and refurbishing used or extremely dirty surfaces

- ◆ Before treating used surfaces, the stone must be thoroughly cleaned. All deposits and care product residues must be removed from the surface and from the pores.
- Apply Lithofin MN Outdoor Cleaner with a sprayer and allow it to work for 15 minutes. In case of strong dirt deposits, allow the product to work overnight. For light dirt deposits only, use Lithofin MN Power-Clean.
- Scrub well with either a scrubbing brush, broom or machine.
- Rinse well with clear water until all product residues are gone from the surface.
- Allow the surface to dry for several days before applying the protective treatment.
- ◆ Other, stubborn types of dirt: please refer to the table below.



Other, stubborn types of dirt

| | |
|---|-----------------------------|
| cement residues, builders' dirt, limescale | Lithofin MN Builders' Clean |
| rust and rust discolouration | Lithofin MN Builders' Clean |
| tar, wax, varnish, paint, oil residues | Lithofin WAX-OFF |
| deeply engrained oil stains | Lithofin OIL-EX |
| slippery algae deposits | Lithofin ALGEX |
| discolouration caused by plants, timber, etc. | Lithofin MN Outdoor Cleaner |

2 Additional information about protective treatments

- ◆ Protective treatments enhance the appearance and make natural stone less sensitive.
- ◆ This protective effect reduces staining and facilitates every-day maintenance.
- ◆ Lithofin MN Colour Intensifier and Lithofin Stainstop PLUS enhance the stone's appearance by invigorating the natural colour structure. To retain colour enhancement reapplication on external surfaces is required every 1 to 2 years.
- ◆ In case a colour enhancement is not desired, use Lithofin MN Stain-Stop or Lithofin STAINSTOP >W<. Application procedure as described in section 2a.
- ◆ With correct maintenance repeat the protective treatment after 7 to 10 years or when the stone appears to be marking or absorbing moisture.
High use and wet areas may require treatment more regularly. Confirm this with your local Certified Lithofin Applicator.

Please Note:

- ◆ **Always test the product in an inconspicuous area.** Non-absorbent or wet surfaces cannot be treated.
- ◆ Impregnators (often referred to as impregnating sealers) can only be used on clean and dry surfaces. Otherwise, the product will not correctly penetrate the surface.
- ◆ Apply the product evenly. Do not allow streaks, pooling or puddles to cure on the surface.
- ◆ Carefully remove all excess off the surface by feathering out with a broom or taking up with a towel.
- ◆ Some types of stone may turn slightly darker after treatment with Lithofin MN Stain-Stop. This will fade in time.
- ◆ In case the stone is loosely laid in sand, treat all sides of the tile with the selected impregnating sealer prior to laying. This will prevent discolouration caused by water pushing from below.

Please Note:

- △ Please follow the detailed instructions on the label.
 - △ Hard stones are mostly resistant to acid. Some types (e.g. Blue Pearl, Bahia blue, Chinese granites, etc.) do, however, react by turning matt or discoloured. Always test in an inconspicuous area before using acidic cleaners.
 - △ When treating gabbros (Impala, Nero Assoluto, etc.) always apply the product thinly and very evenly because these stones are not very absorbent. Test on a spare tile prior to use.
- TIP:** Avoid leaching and strong degreasing products as well as products that build up layers. These products alter the appearance and make maintenance more difficult.

If you require advice or are in any way unsure about these instructions, please call our **Technical Support Line at AUS: (03) 8552 6000 / NZ: (9) 475 0495**

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. Always test the product in an inconspicuous area. (AUS/NZ2.16gps)

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Your LITHOFIN-Dealer: