

Cleaning - Protecting - Maintaining Slate rough, satin, sanded -indoors- Instructions e.g. Porto slate and similar varieties

The mostly soft coloured and clay schists should not be confused with the harder mica schists. Clay slate can contain lime components, which make it sensitive to acids and scratches. As with any natural material, the right treatment is important from the very beginning.

The 3 steps at a glance, detailed information see page 2

1

Initial cleaning of new surfaces *for used surfaces see page 2*

Lithofin MN Power-Clean removes haze and creates a clear, clean surface



Coverage:
1Litre/30m²



Dilute the product with water 1:5.



Spread with a scrubbing brush and brush vigorously several times within 15 minutes.



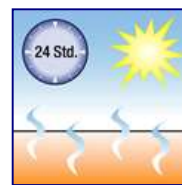
Pick up or vacuum.



Rinse well with fresh water or rinse.



Soak residues of joint material diluted 1:3 and rub off with a white pad.



Allow the surface to dry.

Required equipment: bucket, scrubber, rubber squeegee or water vacuum cleaner

2a

Improvement of the appearance *Pre-cleaning of used surfaces: see page 2*

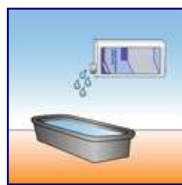
Lithofin MN Stain-Stop repels water and oil, revives the colour structure without shine



Coverage:
1Litre/40m²



Please note. For industrial and professional use only.**



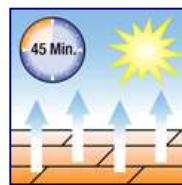
Transfer product to tub or bucket.



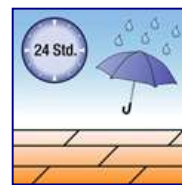
Apply evenly thin and flat with a brush or roller.



Spread or completely remove excess, streaks, puddles within 15 minutes.



Leave to dry for approx. 45 mins., do not walk on.



Protect from moisture for approx. 24 hours.

2b

Lithofin MN Care-Seal - elegant shine with colour refreshment and ease of care - For indoor use only.

Pre-cleaning of used surfaces: see page 2

Coverage:
1Litre/15m²



Note: For smaller areas (tables, etc.) we recommend Lithofin MN Slate Oil

Required equipment: Tub or bucket with scraper rail, short-pile mop, sealing brush, wide brush, cleaning cloths

3

Regular maintenance

Lithofin MN Wash & Clean - used regularly - maintains the well-groomed appearance



1Liter



Add one squirt (20ml) to one bucket of water.



Wipe the floor with a damp cloth. Do not wipe with water.



Allow to dry. Do not walk on surface during drying time.

Required equipment: bucket, scrubbing brush, possibly mop or similar

Newly laid areas

Before grouting: Apply a thin layer of the impregnation you will later want to the cleaned and preferably dry covering before grouting. Washing off the grout is then easier because the covering is water-repellent. This is particularly recommended for acid-sensitive slate varieties.

△ **Important:** Some types of clay slate contain lime admixtures, are therefore sensitive to acids and cannot be cleaned with cement residue removers. Instead, apply Lithofin MN Power-Clean, leave the product on for about 15 minutes and gently rub the coating with a white pad.

1 Pre-cleaning for protective treatment of used, heavily soiled surfaces

The treatment of a surface that has already been used requires careful pre-cleaning. All impurities and care products must be removed from the surface and pores.

- Dilute Lithofin MN Power-Clean at least 1:3 with water, depending on the soiling, apply generously with a scrubbing brush or cloth and leave on for 5 to 10 minutes.
- Then brush well (scrubber or brush) and wait another 5 minutes.
- Add water under brushes and absorb or vacuum liquid.
- Wash with clean water once or twice until all cleaner residues are completely removed.

After a few days of drying time, you can carry out the protective treatment.



Removal of special contaminants

cement haze, construction dirt, limescale and light rust deposits	Builders' Clean (only after preliminary testing)
tar, wax, wood stains, oil, grease dirt	Lithofin WAX-OFF*
deep-seated oil stains	Lithofin OIL-EX*

* Not suitable for oil shale

2 Further information on surface treatment

A surface treatment improves the appearance and/or performance properties of natural stone.

Impregnating with Lithofin MN Stain-Stop** improves the appearance by reinforcing the colour structure and makes Water and oil repellent. For indoor and outdoor use.

Lithofin MN Care-Seal forms a silky matt glossy protective film that only slightly enhances the colour.

Gives rough to finely ground flooring an elegant finish. From time to time, a new treatment is necessary.

Sealing is a layer-forming treatment that gives surfaces a glossy protective film. This must be renewed or refreshed from time to time. Layer-forming products are only suitable for indoor use and change the slip resistance of the surface.

Important:

- **Create a test area beforehand.** Non-absorbent or damp surfaces cannot be impregnated.
- Apply product evenly, do not allow puddles or streaks to dry.
- Wipe off excess product from the surface carefully and completely

3 Additional maintenance care

Heavily used coverings or insufficiently maintained floors occasionally need a thorough cleaning.

Add Lithofin MN Power-Clean (up to 1 litre/bucket, depending on the soiling) to the cold or lukewarm water, apply and spread with a scrubbing brush; leave on for approx. 10-20 minutes, but do not allow to dry. Brush in between, pick up with cloth and wipe well with clean water.

Small areas such as tables and covers can be cleaned and maintained with Lithofin MN Slate Oil. It provides a strong colour refresh and can be polished to a silky sheen.

Important notes:

△ Please refer to the detailed instructions for use on the packaging.

TIP: Avoid products that are highly fat-dissolving or leaching, as well as those that leave residue. They impair the well-groomed appearance of natural stone and make it difficult to maintain.

This information can and should only provide non-binding advice.
The use of a product must be adapted to the local conditions and the surfaces to be treated.
The suitability of the product shall be determined on a test area.

If you have any questions or questions,
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