



PORCELAIN TILES

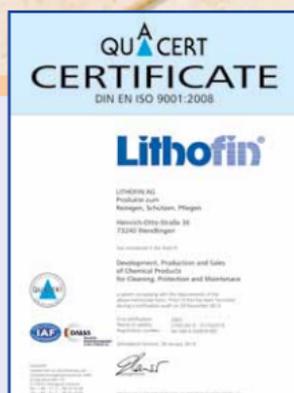
simply clean



PORCELAIN TILES

cleaning, protecting, maintaining

- LITHOFIN products have been used with a high degree of success for over 50 years by tilers and masons. Based on the experience of experts and supported by on-going laboratory tests, LITHOFIN products have become synonymous with quality.
- The certified LITHOFIN-Quality Management guarantees top quality and optimal results.
- LITHOFIN is only available from specialised dealers, tile outlets and builders merchants.
- LITHOFIN products are recommended by leading tile producers and natural stone suppliers.



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.

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The LITHOFIN product range for fully vitrified and porcelain tiles was developed specifically for the optimal surface treatment of these tiles. The products will bring the tiles to their full potential and ensure the ideal properties for many years.

cleaning, protecting, maintaining



What is a porcelain tile?

Porcelain tiles, made of conditioned and purified ceramic materials, are fired at very high temperatures. Through this process, the tile becomes hard wearing and extremely dense. The surface is matt, with or without structure. As part of the manufacturing process, this surface is often brought to a high shine through polishing. Porcelain tiles come in a wide variety of different patterns ranging from one colour to designs that look almost exactly like natural materials such as stone or wood.

All types of porcelain tiles have one thing in common: they are very hard wearing and easy to maintain. This brochure provides the information required for beautiful and well-maintained porcelain tiles.

Look for this symbol on the packaging for information on environmental properties of the individual products. All products are manufactured using the safest raw materials possible, and they are registered with the German Office of Environmental Protection. The surfactants are biodegradable according to EU-regulations. The packaging is made of environmentally friendly polyethylene (PE) or tinfoil and can be recycled.



QUICK GUIDE

The following information refers to porcelain tiles with polished or unglazed, rough surface finishes. The table is intended to provide a quick overview of the different treatments.

1.	CLEANING	Cons. on 100 m ²
a)	after grouting (initial cleaning) Lithofin KF Cement Residue Remover removes mortar residues and builders' dirt Lithofin KF Intensive Cleaner removes stubborn dirt deposits	2-5 ltr. 1 ltr.
b)	refurbishing old surfaces Lithofin KF Intensive Cleaner removes care product residues and dirt deposits	1-5 ltr.
Other, stubborn types of dirt: please refer to table on Page 5.		

2.	PROTECTIVE TREATMENT	
	(for polished as well as very light or very dark rough surfaces) Lithofin KF Protective Impregnator	2 ltr.

3.	MAINTAINING (every-day cleaning)	
a)	floors subject to normal wear (private homes) Lithofin KF Conditioning Cleaner	approx. 20 ml/ 10 ltr. water
a)	floors subject to heavy wear (public and industrial areas) Lithofin KF Intensive Cleaner	approx. 80 ml/ 10 ltr. water

PACKAGING:

All products are available in 1 ltr. bottles and in 5 ltr. canisters.

The product containers feature detailed directions for use. In cases of doubt and where no prior experience exists, test the product in an inconspicuous area.

Removing stubborn dirt

PROBLEM	SOLUTION
stubborn general dirt, visible as a dark film	Lithofin KF Intensive Cleaner
coffee, tea, etc.	Lithofin KF Intensive Cleaner
paint, varnish and fresh lacquer	Lithofin WAX-OFF
greasy dirt, lipstick, wax, shoe polish, adhesives, markers, etc.	Lithofin WAX-OFF
deeply engrained oil stains	Lithofin OIL-EX
calcium deposits, water spots	Lithofin KF Ceramic-Clean
discolouration caused by plants, fruit and vegetable stains, etc.	Lithofin KF Mildew-Away

AFTER GROUTING

After grouting a light, almost invisible cement film remains on the surface, its strength depending on the surface structure of the tiles. This film binds dirt and makes later maintenance cleaning more difficult. Newly laid surfaces therefore must be cleaned in order to ensure that all residues are removed.

Course of Action:

Please note and follow the instructions on the product label. Dilute Lithofin KF Cement Residue Remover approx. 1:4 with water and apply the solution with a scrubbing brush. Allow to work for ten minutes. Brush well then completely rinse off with clear water.

Note: many grouting materials contain synthetic components that may be left on the surface. Use Lithofin KF Intensive Cleaner to completely remove these residues.

PLEASE NOTE

The groutlines should cure for several days before the initial cleaning. Protect / cover surfaces that are sensitive to water (wall paper, wood, etc.)

Annotation:

Lithofin KF Cement Residue Remover contains special components that have been carefully matched to ceramic tiles and grouting materials. Using pure acids (e.g. hydrochloric acid) may damage the tiles.

HINT:

Completely removing all grouting material residues is a prerequisite for clean and easy to maintain surfaces.



You will need:

- Lithofin KF Cement Residue Remover
- bucket, scrubbing brush, squeegee, clean cloths on large surfaces: polishing machine with white or green nylon pad, wet-and-dry vac.

Lithofin KF Cement Residue Remover

- removes cement and mortar residues and other builders' dirt.
- concentrate
- acid based
- highly active
- nearly odourless
- for indoor and outdoor use

Consumption: approx. 1 ltr. for 20-50 m².



Lithofin KF Intensive Cleaner

- removes oil, grease and other types of stubborn dirt.
- concentrate
- extra strong
- alkali based
- free of solvents

Consumption: approx. 1 ltr. for 10 to 15 m².



Initial Cleaning



PROTECTIVE TREATMENT

Despite the outstanding properties of porcelain tiles, unsightly stains and similar blemishes may occur. Treating the surface once with Lithofin KF Protective Impregnator greatly reduces the sensitivity of the tiles and makes them easier to maintain.

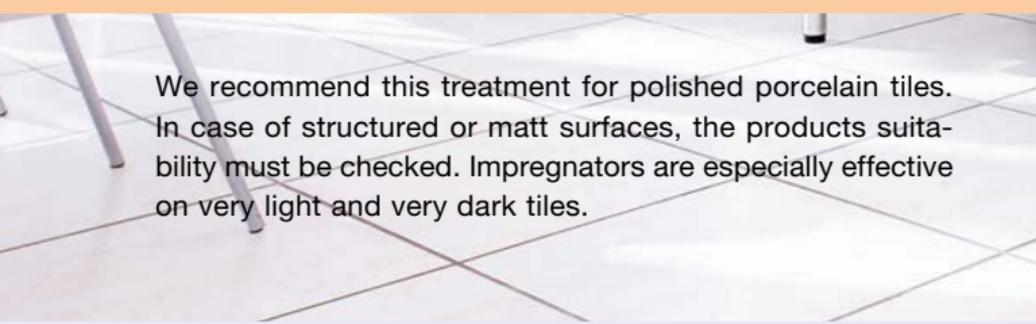
Course of Action:

Apply thinly and evenly according to the instructions on the product label.

How does it work?

Active ingredients react on nano-technology react in the pores of the tile and give it a repellent effect. The penetration of water, oil, grease, etc. is greatly reduced. This effect largely prevents staining and makes blemishes easier to remove. Impregnators do not change the surface appearance or properties of the tile, scuff marks and similar blemishes may still occur.

Protective Treatment



We recommend this treatment for polished porcelain tiles. In case of structured or matt surfaces, the products suitability must be checked. Impregnators are especially effective on very light and very dark tiles.

HINT

Lithofin KF Protective Impregnator makes porcelain tiles less sensitive to staining. Especially newly installed surfaces and tiles with a higher rate of absorption receive optimal protection.



You will need:

- Lithofin KF Protective Impregnator: 1 ltr. per 50m².
- basin, mop or lambswool applicator, squeegee, clean cloths.

Lithofin KF Protective Impregnator

- nearly odourless because free of solvents
- ready to use
- very high yield
- invisible
- does not form layers

Consumption: 1 ltr. for up to 50 m²



IMPORTANT

We highly recommend testing the product in an inconspicuous area. The surface to be treated must be completely dry. Apply product thinly and remove residues before they dry.



MAINTAINING (every-day cleaning)

PLEASE NOTE

Do not use any layer forming maintenance products (acrylate or wax based) because they will affect the appearance and the properties of porcelain tiles.

... floors subjected to **NORMAL** wear

Applicable for private homes, offices, etc.

Just like any other ceramic surfaces, porcelain tiles must be moped from time to time. Add Lithofin KF Conditioning Cleaner to the water in order to better dissolve dirt particles on the surface. Regular use will keep you floors beautiful and well maintained.

Should you encounter stubborn dirt deposits, use Lithofin KF Intensive Cleaner for a thorough basic cleaning.

METHOD

Always add Lithofin KF Conditioning Cleaner to the water. Use a moist mop or cloth to wipe the floor. In more stubborn cases use a wet mop or cloth and mop up the solution after a few minutes with a wrung out cloth.

Lithofin KF Conditioning Cleaner

- cleans and maintains all surfaces in one operation without leaving streaks.
- concentrate
- very high yield
- mildly alkaline
- free of acrylates and wax
- does not form layers

Use 1 squirt (approx. 20 ml) per bucket of water.



HINT

- In case of very „hard“ water, occasionally add one squirt (approx. 50 ml) of Lithofin KF Ceramic-Clean to the cleaning water.
- Do not walk on surfaces until dry.

Maintaining



... floors subjected to HEAVY wear

Applicable for production sites, work shops, super markets, etc.

Especially when dealing with greasy or oily dirt and when a lot of dirt is carried in from outside, use Lithofin KF Intensive Cleaner for every-day cleaning.

Wiping the surface will effortlessly remove all surface deposits and the surface is restored to its original appearance. Dilute product, apply and allow to work for several minutes. Brush and then remove / rinse from the surface. Lithofin KF Intensive Cleaner can also be used in cleaning-machines.

Lithofin KF Intensive Cleaner

- removes oily and greasy dirt and other stubborn general dirt.
- concentrate
- extra strong
- alkali based
- free of solvents

Consumption:

approx. 1 ltr. for 10 to 15 m² as basic cleaner
approx. 1 ltr. for 100 m² for every-day cleaning.



for ceramic and porcelain tiles

The Lithofin KF-Range improves the appearance and enhances the properties of ceramic and porcelain surfaces.



for marble, natural and artificial stone

The Lithofin MN-Range for cleaning, protecting and maintaining conserves the natural beauty of all types of stone.



for cotto and terracotta

The Lithofin TC-Range includes everything a beautiful terracotta needs - protective treatments and maintenance products are carefully matched for optimal results.



For further information and service please call:

Technical Helpline: 0 19 62 73 21 26

www.lithofin.co.uk

The easy way to find the right solution:



Lithofinder

Your fast way to clean and well maintained surfaces



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