



MOELLER STONE CARE

TECHNICAL DATA SHEET

HMK® S748 Stain Protection - Premium Color

DESCRIPTION: HMK® S748 is a ready to use, solvent-based oleophobic special impregnator with color enhancing properties for use on natural stones, artificial stones and terrazzo surfaces that reduces the penetration of water, dirt, oil and grease. HMK® S748 is suitable for interior and exterior use.

PROPERTIES: HMK® S748 reduces the penetration of water, dirt, oil and grease into surfaces. As a result, it greatly reduces staining and also facilitates dirt removal and regular cleaning. The color and structure of the surface are significantly accentuated due to its color enhancing properties. The water, oil and grease repellent properties depend on the absorbency of the respective surface. The repelling and color enhancing effect is increased by the amount of HMK® S748 the surface can absorb; the more that is absorbed the better is the effect. Acid-sensitive natural stone surfaces, e.g. polished marble and limestone, may still be adversely affected by contact with wine, orange juice, cola etc., however to a considerably lesser extent than untreated surfaces, making it significantly easier to remove any dull areas. HMK® S748 does not yellow with age. The water-vapour diffusion properties of the material are only slightly affected. Once dry the residual material is not hazardous to health and is approved for use with foodstuffs by the LFGB (German Food and Feed Code).

APPLICATION AREA: HMK® S748 is suitable for all absorbent natural and artificial stones, such as polished, honed or textured marble, limestone, travertine, Solnhofen slabs, granite, gneiss, terrazzo, agglomerate marble etc. Suitable for interior and exterior use. Non-absorbent surfaces, such as glazed tiles and the like, cannot be treated with this product.

DURABILITY: The durability of the product once applied depends on the absorbency, saturation and uses of the surface, the amount of traffic and the implementation of a suitable care, maintenance and cleaning program. HMK® S748 generally lasts sev-

eral years and can be easily renewed if necessary.

APPLICATION: When treating freshly laid areas allow sufficient time for drying to permit moisture to escape from the surface and substructure (max. residual moisture 2-4%). If under floor heating exists, make sure it is turned off at least two days before application to allow the surface to cool. Ensure the surface is of ambient temperature, clean, dry, free of stains and absorbent prior to beginning treatment.

To clean the area thoroughly before treatment use HMK® R155 Intensive Cleaner - acid free.

After the surface has been thoroughly cleaned allow it to dry for at least 1 to 2 days for the moisture from the cleaning solution to escape the surface (max. residual moisture 2-4%)

Test the product in an inconspicuous area to determine suitability and coverage.

APPLICATION: Apply HMK® S748 generously and evenly on the naturally cooled, clean, dry and absorbent surface using a natural bristle paintbrush or a roller with short fibres. Allow the product to sit on the surface wet (without drying) for 20-30 minutes in order to allow proper color enhancement. If needed, apply additional S748 to keep the area wet. Afterwards, immediately and completely remove excess HMK® S748 with a plain white paper towel and rub the surface dry. Dark marks or streaks may occur if excess material is not removed adequately.

Repeat treatment for very absorbent surfaces after approx. 24 hours.

IMPORTANT: Do not apply to rubber, plastics, lacquered or varnished surfaces, waxed or stained wood and solvent intolerant materials.

WORKING TEMPERATURE: The ideal working temperature of the surface to be treated is between +12°C and +25°C. Do not apply in direct sunlight.

DRYING TIME: Depending on room temperature and ventilation approx. 10 to 12 hours. Do not walk

The information contained in this technical data sheet should be considered non-binding advice. We ask you to adapt all information regarding working with our speciality products to local conditions, and the materials used. Test product in an inconspicuous area to determine suitability and coverage. Please also pay attention to the safety data sheet according to 1907/2006/EC, Article 31 when processing our speciality products.

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on the treated area during this time. Protect the surface from rain and humidity for 72 hours. The resistance to oil and water is developed within 72 hours.

PEARLING EFFECT: A pearling effect can temporarily occur after applying **HMK® S748**. This effect, however, should disappear on its own and should not be used to assess the effectiveness, protective characteristics or durability of the product.

CLEANING TOOLS AND EQUIPMENT: Clean tools and equipment with **HMK® R799** or a thinner. Alternatively, rinse with clear water and some **HMK® R155** Intensive Cleaner - acid free.

PLEASE NOTE: Protect surfaces that are not to be treated, such as walls, glass, furnishings, etc.

COVERAGE: Approx. 5 to 20 m²/litre, depending on material and surface treatment.

STORAGE: Storable in a cool and dry place (max. +25°C) in its original, unopened container for approx. 2 years. Once opened, use contents as quickly as possible. Keep out of the reach of children. All legal regulations regarding the storage of this product must be observed.

TECHNICAL DATA: Form: liquid
 Color: colorless
 Odor: characteristic

REMOVAL: **HMK® S748** cannot be removed chemically after polymerization.

CARE RECOMMENDATION: We recommend using **HMK® P324** Liquid Stone Soap - no rinse for regular cleaning, as well as occasionally using **HMK® P319** Marble and Granite Polish to refresh the shine on polished indoor surfaces.

SAFETY: Observe the usual precautions when dealing with chemicals. Our products are classified and labeled according to EC regulations (safety data sheet).

Ensure adequate ventilation when using the product in enclosed spaces.

Flammable. Irritating to eyes. Harmful: may cause lung damage if swallowed. Keep out of the reach of

children. Keep container in a well-ventilated place. If swallowed, seek medical advice immediately and show this container or label.

INGREDIENTS: Silane, silicone, petroleum distillate

ENVIRONMENTAL PROTECTION: Do not allow the product to enter soil or the water-course.

DISPOSAL: Dispose of uncleaned packaging and residual amounts in accordance with official local regulations. The containers are made of environment-friendly tin plate and are recyclable. Containers which have been completely emptied and cleaned can be disposed of via collection systems for waste and recyclables.

PACKAGING:

1 litre tin:	12 per box
5 litre canister:	2 per box
10 litre canister:	2 per box