

# HMK® S232

## Stain Protection “Green”

**Water based superior oil, water, and grease protection. for all natural and artificial stone surfaces. Environmentally friendly and odorless. For interior and exterior use.**



HMK® S232 is a solvent free water based impregnator that reduces the penetration of oil, water and dirt on soft and hard natural and artificial stone surfaces, agglomerates, concrete, terracotta, brick pavers, clay surfaces and unglazed tiles. Especially good for use on highly absorbent honed and textured surfaces. Surfaces treated with S232 remain vapor permeable and will have no aesthetic change. HMK® S232 is a “green” product, allowing buildings to remain occupied during the application process.

**Important:** If under floor heating exists, switch it off and allow the surface to cool to room temperature. Clean surface thoroughly before treatment using HMK® R155 Intensive Cleaner (diluted) followed by a flood rinse with water to remove the remaining tensides that can inhibit the impregnation of the stone. It is very important to wait at least 24 hours prior to the application of HMK® S232 as the stone needs to be completely dry (max residual moisture of 4-6%) before sealing. If you are working with a brand new installation there may be sufficient time needed before the application of HMK® S232 can proceed. As the setting materials cure, they release moisture that can counteract the penetrating effect of the impregnator. In this case, the manufacturer recommends waiting many days if not weeks before applying HMK® S232.

**Instructions:** Shake the bottle very well before using. Due to the water base, the active substance falls to the bottom of the container while in storage and has to be mixed again before using. Apply generously and evenly to a chemically clean and dry surface using a soft bristle brush, a lint-free cloth, or the HMK® Z950-HMK Z951 brushes. On highly absorbent surfaces, repeat application after 1-2 hours. Consecutive applications (wet on wet) of S232 should only be made using a natural hair bristle brush. Once the surface is dry you can remove any excess film with a wet cloth.

Do not walk on the treated surface until 8 to 12 hours after treatment is completed. Protect surface from rain and humidity for 12 hours. Resistance to oil and water is developed over 48 hours. Once dry the residual material is not harmful and complies with food hygiene standards. For regular cleaning and continued protection use HMK® P324 Liquid Stone Soap, a no-rinse natural product.

**Coverage:** About 50 to 220 square feet per liter depending on the nature of the surface.

**Warning:** Chemical product. Avoid ingesting and eye/skin contact. If ingested, do not induce vomiting, give plenty of water and call physician immediately. If eye contact occurs, flush with plenty of water. If skin contact occurs, wash with soap and water. Keep out of the reach of children. Do not use the product in temperatures below 50 and above 80°F.

**Packaging:** 12 x 1 liter bottles/box; 4 x 5 liter cans/box

**Storage:** Store in cool place. Keep lid tightly closed.

**Testing:** Always test the product in an inconspicuous area to evaluate suitability, coverage and performance.

**Limitation of liability:** The liability of HMK® Moeller Stone Care and/or ACI International for defective products and any claims for damages whatsoever is limited to the purchase price of the products. HMK® Moeller Stone Care and/or ACI International shall not be liable for any consequential damages. No other warranty or representation is made or implied.