

MOELLER STONE CARE

TECHNICAL DATA SHEET

HMK® S246 Composite-Quartz Stain Protection

Description: HMK® S246 is a ready to use special solvent based impregnator for use on composite quartz surfaces that reduces the penetration of water, dirt, oil and grease. For interior and exterior use.

Characteristics: HMK® S246 reduces the penetration of water, dirt, oil and grease into the surface. Liability to dirt and stains is significantly reduced and subsequent cleaning thereafter is made much easier. The level of resistance to water, oil and grease varies depending upon the absorbency of the surface. The more HMK® S246 is absorbed into the surface the better the repelling effect. The polished effect on acid-sensitive surfaces can still be diminished by contact with products such as cola, wine and fruit juices etc... However, this effect is dramatically reduced by the use of HMK® S246. HMK® S246 does not yellow with age and is UV resistant. The vapour permeability of the stone is only slightly impaired. Once dry the residual material is not harmful to health. The treatment may slightly affect the color and structure of the surface.

Uses: HMK® S246 is suitable for all polished, honed, brushed and satin finished composite quartz surfaces. For interior and exterior use. HMK® S246 is not effective on non-absorbent surfaces.

Durability: The durability of the product once applied depends on the absorbency, saturation and uses of the surface and the implementation of a suitable care and maintenance programme. Under normal circumstances HMK® S246 will offer protection for several years and can be renewed if necessary.

Preparation: When treating newly laid surfaces sufficient time must be allowed for the moisture to escape the structure of the material (max residual moisture of 2-4%). If under floor heating exists, switch it off and allow the surface to cool. Clean surface thoroughly before beginning the application. For thorough cleaning of the surface use HMK® R185 Composite-Quartz Intensive cleaner. Once cleaned 1 to 2 days should be allowed for the moisture to escape the surface to a residual content

of 2 to 4%.

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

Application: Ensure the surface to be treated is clean, cool and dry. Apply HMK® S246 generously and evenly using a soft paintbrush or roller with short fibres. Application Brushes. Retreat particularly absorbent surfaces again after 30 minutes. Surplus HMK® S246 must be removed with a paper towel before it dries. If excess is not removed properly dark marks or streaks can develop.

Important: Do not apply to rubber, plastics, painted, lacquered or varnished surfaces and solvent intolerant materials.

Working temperature: The ideal working temperature from the surface is between 12 and above 25°C.

Drying time: Dependent upon room temperature and ventilation, around 4 to 6 hours. During this time do not walk on the surface and protect the surface from rain and humidity for 12 hours. The resistance to oil and water is developed over 48 hours.

Pearling effect: HMK® S246 can temporarily develop a pearling effect after application that disappears on its own. This pearling does not impair the effectiveness or durability of the treatment.

Equipment: Tools and other equipment can be cleaned with HMK® R799 or cellulose nitrate thinners and then rinsed thoroughly with clear water and HMK® R185 Composite-Quartz Intensive Cleaner.

Note: Surfaces that are not to be treated such as walls, glass, furnishings etc... must be protected.

Coverage: About 20 to 40m²/litre.

Storage: Keep in a cool, dry area not in excess of +25°C. HMK® S46 can be stored for up to 2 years in

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MOELLER STONE CARE



its original packaging. Use the contents of opened cartons as quickly as possible. Keep out of the reach of children. Please consider local rules and regulations applying to the storage of this product.

Technical data: Form: liquid
 Color: clear
 Smell: characteristic

Removal: HMK® S246 can usually be removed with HMK® R154 Stripper - Stain Remover and HMK® R155 Intensive Cleaner - acid free.

Safety: Take appropriate precautions whilst handling and using chemical products. Our products are classified and labeled in accordance with EU regulations.

During the application in enclosed areas care must be taken to provide sufficient ventilation. Remove all foodstuffs from the area to be treated before work is commenced to avoid odor tainting.

Contains solvent naphtha, middle aliphatic. Inflammable. Harmful to health: Can cause lung damage if swallowed. Keep out of the reach of children. Keep away from beverages, food and foodstuffs. If swallowed seek immediate medical advice and keep packaging or the label present. Do not inhale the vapour or mist.

Contains: Silicon and turpentine substitute.

Environmental protection: Do not dispose of in water or pour on the ground.

Disposal: Untreated packing and any residue must be disposed of in accordance with local regulations. The bottles are made from pollution free tinplate and are recyclable. Empty and cleaned bottles and packaging can be disposed of via most regular recycling programmes.

Packaging: 250 ml bottles: 30 per box
 1 litre bottles: 12 per box