

7620 Stone Coating (penetrating)

Application Instructions

CONSUMPTION & APPLICATION

7620 is an exceptional technology that can be applied very easily with a roller, spray, microfibre cloth or brush. Once applied to the surface, the liquid quickly penetrates the stone.

7620 should not be diluted and should not come into contact with water before or during application and should not be applied where strong winds or rain may affect application. The amount to be applied (in the range of 30-100ml/m² = 10-30m² per litre) depends greatly on how absorbent the substrate is. All surfaces should be tested before application. The penetration rate varies considerably, e.g., from 1mm on a very compact stone surface to 20mm on a highly absorbent stone or cement substrate (it should be noted that it is not necessary to over-apply 7620 to achieve 20mm penetration, but this figure shows the exceptionally high penetration aspect of the coating).

The substrates to be treated should be absolutely dry and clean (free of impurities, detergent residues and surfactants) to ensure optimal penetration of the coating (all dirt, including efflorescence, algae and moss must be removed before application). The surface must be completely dry before application.

Damage such as cracks, torn joints or defective seams must be repaired using appropriate methods. The mortar used for repairs must be fully cured and the surface dry.

Please check the material compatibility of 7620 with the substrate to be treated. Use only in well ventilated areas. Contains solvents. Do not inhale aerosols.

All equipment (spray guns, brushes etc.) and containers used must be clean and dry. After use, they can be cleaned with any organic solvent (spirit, petrol or thinner).

7620 must be applied to the substrate at an ambient temperature between +5°C - +25°C. Avoid direct sunlight during application.

7620 can be applied in a flow process until saturation. This is achieved by allowing it to flow without pressure against the surface to be treated. All liquid spray systems are suitable (e.g., airless or HVLP high-volume low-pressure spray guns).

7620 should be applied from the underside of the structure. This avoids pre-treatment of the substrate by running off the top. A liquid film of 7620 must remain in contact with the substrate for several seconds. Vertical surfaces should have a glossy curtain of liquid. The application should be continuous and without interruption so that no overlaps occur.

7620 is applied undiluted, with brush, foam roller, microfibre cloth or spray (do not inhale aerosols - take precautions, use suitable protective materials).

Apply a thin and even coat. If necessary, apply a second coat, ideally this second coat should be "wet on wet". Excess material should be removed immediately. Do not allow "puddling", which can occur with excessive application.

The coating hardens relatively slowly, so that a wet-on-wet application is possible.

For slightly absorbent substrates (e.g., granite), apply 7620 with a fully moistened microfibre cloth. Allow the surface to dry. The impregnation is fully functional after the curing time (24h-48h at 20°C substrate temperature). The curing times may vary depending on the prevailing temperature and the penetration depth.

Protect the impregnated surface from water, dirt, and frost during the curing time. Follow the substrate manufacturer's instructions.

The curing speed of the coating is directly related to the amount of liquid applied and the depth of penetration. There is no absolute equation for this, but as a rule, the surface should not be wetted or contaminated for 24 to 48 hours after application. This period is shortened if the coating is applied in warm environments.

Unlike topographic coatings, 7620 penetrates the stone and continues to provide protection even when the coating on the surface is worn away.

Non-absorbent substrates such as glass, plastic and metal cannot be treated with 7620. Glass and metal are not attacked by 7620 (nor are most plastics used in construction), so covering/protecting surrounding windows or door frames is not normally required; however, we recommend testing on such substrates. In some cases, excess 7620 that is not absorbed by such substrates may react and form a film that can be easily removed with immediate cleaning with conventional cleaning agents or IPA (isopropyl alcohol). Check the compatibility of the solvent with the surface.

For less absorbent substrates (e.g., ceramic tiles) and polished stones (e.g., granite), a roller can be used to create a thin, even layer of product. For polished surfaces, significantly less product is needed compared to rough, open-pored substrates.

It is important to note that "polished surfaces" refers to the finish. 7620 should not be applied to surfaces that have been polished.

Vegetation near the substrate to be treated should be protected from contact with 7620.

If the effect wears off, the surface can simply be recoated with 7620.

While the water repellence lasts for a very long time, the stain and oil resistance decrease slightly over time due to weathering. If this effect is important, we recommend applying the sealant again in a very thin layer after approx. 6 months to maintain the effect optimally.

Important Notice

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The products are ready-to-use. Mixing with other substances or other charges is strictly forbidden. CCM GmbH advises against filling up in aerosol-packaging.