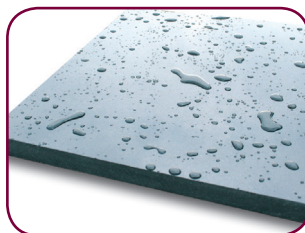


Finalit No. 20

Hot Impregnation

- long-term protection against stains, water-repellent
 - resistant to UV-rays and de-icing salt, breathable
 - food-safe, polishable, protection against graffiti
 - tested by the MA 39, Testing and Research Institute of the City of Vienna
 - does not change the appearance of the material
 - pre-treatment with Finalit Nr. 21 or 21S recommended
- impregnation / protection
 - pH-value: not applicable
 - apply undiluted
 - 1L treats up to 100m², depending on the absorbency of the material



1) The product – Finalit No. 20 Hot Impregnation



a) Materials

Finalit No. 20 Hot Impregnation is suitable for marble, granite, stoneware, ceramic, terracotta, brick, clinker, Solnhofener stone, limestone, sandstone, natural stone, aggio terrazzo, terrazzo and concrete.

Finalit No. 20 Hot Impregnation is not suitable for solvent-sensitive surfaces!

b) Characteristics

- long-term protection, lasts 5-7 years, breathable
- does not contain wax, silicone or acrylate
- colorless impregnation for buildings, value retention, protects against graffiti
- suitable for indoors and outdoors
- ideal protection against climatic influences, acid rain, de-icing salt and dirt
- colorless impregnation, does not form a closed film, therefore does not peel off
- does not close pores / capillaries completely, penetrates the material about 5 mm
- does not change the physical values of the material
- breathability, water vapour permeability and color remain unchanged
- resistant to diluted acids and alkalis

Expert reports on the breathability of Finalit No. 20 Hot Impregnation:

- MA 39, Testing and Research Institute of the City of Vienna (part of the Austrian Historical Board)
- Technical University of Cologne, Germany
- EMPA Institute, Switzerland

The three above-mentioned expert reports confirm that after the impregnation with Finalit No. 20 Hot Impregnation, 80% of the breathability of the material remain. Moisture inside the stone can escape but not penetrate the stone from the outside. This fact is especially important for newly laid floors.

Finalit No. 20 Hot Impregnation has to be heated up before use - the higher the temperature, the thinner the consistency of the product. This fact has to be taken into account for less absorbent materials (e.g. black granites). The impregnation has to be very thin in order to be able to penetrate dense materials.

BEFORE STARTING TO WORK

- Take pictures of damages caused by daily cleaning and use of the premises, starting at the door, running clockwise.
- The bottom of wooden pieces of furniture (e.g. door frames) must be siliconed with transparent silicone, otherwise it may be damaged by water or detergent. Use special acid-resistant plastic tapes that do not cause adhesive residues!
- Switch off floor heating systems!

c) Pretreatment:

- clean the surface with the respective Finalit cleaner
- Option 1: Apply Finalit No. 21 Fixative Penetrating Stopper (color enhancer) pure on the dry surface
- Option 2: Apply Finalit No. 21S Pores Filler, diluted with water at a 1:3 ratio, (little color enhancement on dark stones) on the dry or damp surface.

d) Application:

- temperature of the surface that has to be treated should be above +10°C
- surface that has to be treated must be clean
- Finalit No. 20 Hot Impregnation has to be heated up to 50-70°C before applying
- application procedure: open the product, fill a kettle with water (the container has to float and should not touch the heating element), heat up the impregnation to the desired temperature
- apply Finalit No. 20 Hot Impregnation undiluted and evenly 1-2 times (depending on the absorbency of the material) to the clean and dry surface
- wipe off any excess immediately (especially on polished surfaces) in order to avoid streaks
- alternative for large areas: use a single disc machine with a white pad and terrycloth beneath
- drying time: 1-2 hours, thorough drying time: 24 hours
- in case of streaks (too much of the product has been applied), treat the surface with hot air or apply Finalit No. 20 Hot Impregnation again and wipe off any excess immediately with terrycloth
- optional: polish the surface by using a high-speed or single disc machine with a white synthetic pad

Highly absorbent materials (e.g. sandstone) have to be pre-treated twice with Finalit No. 21S Pores filler, afterwards impregnate twice with Finalit No. 20 Hot Impregnation.

It is absolutely essential that the surface to be treated is **completely dry**, otherwise Finalit No. 20 Hot Impregnation cannot work properly and develop the depot effect that is necessary for professional protection.

Recommendation for daily care:

Finalit No. 40 Citrus Scent Cleaner – pH neutral, suitable for all surfaces!

2) Pro tips for Finalit No. 20 Hot Impregnation**a) Color enhancement**

In order to enhance the color of the stone, pre-treat the surface with Finalit No. 21 Fixative Penetrating Stopper, then apply Finalit No. 20 Hot Impregnation.

b) Improvement of graffiti protection

In order to improve the excellent graffiti protection of Finalit No. 20 Hot Impregnation, apply Finalit No. 30 High-Gloss Sealant on the impregnated surface. Attention! Finalit No. 30 High-Gloss Sealant is not suitable for floors - risk of slipping!

c) Grease, oil or color stains on impregnated surfaces

Impregnations do not close pores completely but rather coat them. Therefore, dirt or **color pigments** can remain inside the pores. These residues can be bleached by using Finalit No. 12 Stain Killer.

Hot fat or oil can damage the impregnation. The resulting stains sit in the impregnation, not in the stone itself and can be removed by taking off the impregnation with Finalit No. 5 Coating Remover. Then re-apply the impregnation.

d) Floor heating

In rooms with a floor heating systems a pretreatment with Finalit No. 21 Fixative Penetrating Stopper (apply pure!) for regular absorbent materials or Finalit No. 21S Pores Filler (dilute with water up to 1:3) for highly absorbent materials is essential in order to prevent Finalit No. 20 Hot Impregnation from sinking in too deeply.

e) Removal of streaks

Streaks can occur if too much of Finalit No. 20 Hot Impregnation has been applied to the surface or if residues have not been wiped off. They can be removed by warming up the affected area (e.g. with an industrial dryer or flame). The high temperature liquefies the impregnation and it reflows.

f) Long-term protection

Finalit No. 20 Hot Impregnation protects facades up to 10 years, floors up to 5 years, depending on abrasion (frequency of foot traffic), mechanical cleaning, cleaning products (must be free of soap, soap-like products, alcohol and solvents) and environmental influences.

3) Specification



Appearance	Fluid, colorless
pH value	Not applicable
Packaging	0,25l, 0,5l, 1l, 5l, 20l tin cans
Storage	Protect from frost. Recommended shelf life: 1 year after opening.

4) Security regulations



The common precautions when handling chemicals must be observed. Ensure good ventilation/extraction at the workplace. Prevent formation of aerosols. Keep away from food, beverages and animal feed. Remove soiled and contaminated clothing immediately. Wash your hands before breaks and when work is finished. Avoid any contact with eyes and skin.

5) Note



This product information is based on careful laboratory tests and extensive practical experience. These are informal details. We recommend to determine whether the product meets the respective needs by sufficient testing. Our company shall not be held responsible for damages resulting from improper use of the product.