

Technical Data Sheet

Husqvarna densifiers

All Husqvarna densifiers provides a solution capable of increasing the abrasion- and scratch resistance of concrete, while adding basic stain resistance, limiting efflorescence and dustproofing your surface. It penetrates deep into the surface and react with calcium hydroxide present in the concrete to form calcium silicate hydrate (CSH), which progressively hydrate to a glass-like crystalline structure. The silica blend improves the density and hardness of concrete and reduces the penetration of liquids and dirt.

The Husqvarna densifiers causes no or only slight color enhancement. Water absorption is reduced, the treated surfaces remains diffusion open.

Properties of Husqvarna CURE (K)

Husqvarna CURE (K) is a potassium silicate ideal for trowelled surfaces. Thanks to its relatively quick reaction time and high viscosity it is ideal for densification early in the grinding process or for use on porous or trowelled floors. Using a Lithium silicate on porous or floors would also work, but since you are to apply the densifier "until rejection", you would need to apply a lot more volume to reach the same point of rejection. This, in combination with the lower price of the Potassium silicate, makes the Potassium silicate a much more economical alternative on porous floors or large projects.

The product is used as densifier and hardener on troweled concrete as well as on polished concrete between the grinding and honing steps.

Benefits

- Increasing abrasion- and scratch resistance.
- Dustproofing your surface.
- Preserves diffusion-openness.
- For indoor and outdoor use.
- Low odor. VOC compliant.
- Ideal for porous floors or large trowelled projects

Application

Husqvarna CURE (K) can be used on all calcareous floor coverings, such as grinded/polished and troweled concrete floors, cementitious screeds, terrazzo, terrazzo tiles, etc. Applications are e.g. industrial floors, market halls, logistic centers, supermarkets and in private homes, indoor and outdoor.

Processing

The surface to be treated must be dry and free from impurities. To ascertain the consumption make a separate sample area of the same surface. Apply after 100 grit metal bond diamond pads, i.e. the last metal step before shifting into resin tools. Note: Husqvarna CURE (K) might very well be applied directly after the grouting process to leave everything to harden simultaneously. Use a micro fiber mop to facilitate a homogenous and efficient coverage and treatment. Keep surface moist for 20 minutes and then remove surplus material. Drying time will be around 1-2 hours. If the product is applied between grinding steps, the product should be left to harden for approx. 8 hrs. Any sequential grinding or troweling is normally continued the next day.

Note: Adjacent surfaces must be protected against splashes. Remove surplus material film before drying up. Clean equipment with water.

Processing temperature

Avoid direct solar radiation during processing. The surface temperature should be between 5°C and 35°C. Floor heating should be turned off. Avoid direct moisture until the treatment is totally dry.

Drying time

The drying time (walkable) is between 1-2 hours. According to ambient temperature and humidity, drying time can vary. If an additional impregnation/sealer is to be applied directly after Husqvarna CURE (K) (e.g. Husqvarna PREMIUM GUARD) the waiting time is approx. 12 – 24 hours.

Consumption rate

For grinded/polished surface: approx. 300 sqft/G

Storage

Store in cool, dry place, in closed container. Protect from frost. Shelf-life is 12 months. Opened cans should be worked up as soon as possible. Manufacturing date is stuck onto the pail with the Julian date Code with a sticker.

Environmental Protection

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment. Dispose of contents/container in accordance with local/regional/national/international regulations. Completely emptied packages can be recycled.

Health & Safety

Husqvarna CURE (K) is harmless to health after curing. A good ventilation should be provided during and after the application. Safety data sheet available at request.

Ingredients: Silicic acid, potassium salt



Warning



NFPA rating

Health: 2
Flammability: 0
Physical hazard: 0
Personal protection: B

HMIS rating

This product is a "Hazardous Chemical" as defined by OSHA Hazard Communication Standard, 29 CFR 1910.1200. Causes skin irritation. Causes serious eye irritation. Wash thoroughly after handling. Wear protective gloves/eye protection/face protection. IF ON SKIN: Wash with plenty of water. If skin irritation occurs: Get medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.

No dangerous good in sense of transport regulations. VOC =0g/L. pH 9-11,5

Husqvarna item number:

529 75 10-05	Cure (K) 1G
529 75 10-06	Cure (K) 5G
529 75 10-07	Cure (K) 55G
529 75 10-08	Cure (K) 275G

This information should only be a non-binding advice. The use of the products is based on local circumstances and on the surface itself. If there is no experience, and in cases of doubt, we recommend to try the product on an inconspicuous spot.