

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. At the same time increasing the longevity of nearly any concrete surface, from freshly poured to decades-old concrete, and to do all of this in a labor-efficient, cost-effective manner. 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.

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

Depending on the absorption, following values are to be assumed.

For grinded/polished surface: approx. 5m² / liter.
For trowelled surfaces: approx. 10m² / liter

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.

Environmental Protection

Do not empty into drains. WGK 1 (low water endangering). Waste codes/waste designations according to EWC/AVV. Waste code product: 06 02 05 "Other bases". Waste code packaging: 15 01 10 packaging containing residues of or contaminated by dangerous substances. Dispose of waste according to applicable legislation. 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



Labelling according to Regulation (EC) No. 1272/2008 [CLP]. Causes serious eye irritation. Causes skin irritation. Do not breath dust/fume/gas/ mist/vapors/spray. Wear protective gloves/protective clothing/eye protection/ face protection. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

No dangerous good in sense of transport regulations.

Packing Unit (PU): 20 liter PE canister

Husqvarna item number:
529751009 CURE (K) 20L

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