

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+

Husqvarna CURE+ offers premium densification with integrated basic stain protection. Husqvarna CURE+ is a highly reactive hybrid potassium-, lithium-silicate including also silanes to add a hydrophobic effect. Combining the strengths of both Lithium and Potassium silicates as well as silicate makes Husqvarna CURE+ the ideal multi-purpose densifier for most types of situations.

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+ 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+ 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.

To optimize the result we also recommend applying an additional thin lip-coat of the densifier in front of the grinder when running the first two sequential resin steps. This will aid in keeping the tools sharp and also filling in the small micropores that the initial rough resin steps might be generating.

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 (40 – 100 F). 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+ (e.g Husqvarna PREMIUM GUARD SB) the waiting time is approx. 12 – 24 hours.

Consumption rate

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

For grinded/polished surface (application normally at grit 100): approx. 10m² / liter.

Storage & Self Life

Store in cool, dry place, in closed canister. Protect from frost. Storage temperature 5°-30° C. Shelf life in unopened canister is 18 months from manufacturing date. Expiry date is written on the label. 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+ is harmless to health after curing. A good ventilation should be provided during and after the application. Observance of special security measures if the product will be use in a spraying application. Safety data sheet available at request.

Ingredients: Silicic acid, lithium salt and potassium methylsilanetriolate



Labelling according to Regulation (EC) No. 1272/2008 [CLP].

WARNING. 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. Get medical advice/attention.

Packing Unit (PU)

- a) 20 liter PE canister Husqvarna item no: 529755301
- b) 200 liter PE barrel Husqvarna item no: 529755302

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