

## Technical Data Sheet

### Description

PREMIUM GUARD SB is a solvent based fully penetrating sealer that makes the concrete significantly more resistant to fats, oils and water, but still allows the concrete to breathe.

The product is very easy to apply and provides premium protection. It creates a hydrophobic barrier that prevents liquids from penetrating the surface. It is effective against most types of liquids and spills, but the effectiveness depends on the material and the absorption of the floor and also the type of splashes the treated floor is exposed to. The protection might be somewhat limited in areas with recurring spills and aggressive chemicals.

### Benefits:

- It is not a surface/topical sealer and therefore cannot blister, wear off or discolor.
- Enables the concrete to breathe (diffusion open)
- Can enhance the color of the concrete.
- Imparts high gloss when burnished
- UV stable
- For indoor and outdoor use

### Scopes of application

Primary use is on ground and polished concrete floors, to be applied at the end of the polishing process. Can also be used on natural stone such as marble, limestone and granite as well as on cementitious and epoxy terrazzo. Can be used both indoors and outdoors. Fields of application are e.g. industrial floors in commercial establishments, market halls, shopping malls and supermarkets, but also works well on natural stone tiles, window seats, countertops and stairs.

To be applied to a concrete surface at the end of the polishing process. Generates a color enhancement upon application that will be greater if applied twice. For highly absorbent surfaces, two applications may be needed for optimal result.

On concrete floors with uneven density the absorption might be hard to control, causing the color enhancement to be uneven as well. This will risk leaving darker and lighter spots that needs additional applications to get rid of. This visual defect is more prominent on matte floors so for these we recommend to use the Premium Guard WB instead.

### Mixing Instructions

All Husqvarna PREMIUM GUARD SB products are in a ready to use container. There is no need for dilution.

### Application

Apply as the last step in the polishing process, i.e. after the last specified resin step. Apply Premium Guard SB to a clean and dry floor. If possible, water-clean the floor prior to application. Do not use any soap or detergents that might otherwise affect the penetration. The surface should be dry, with a moisture content below either  $\leq 4\%$  CM or  $\leq 6\%$  MC.

Apply PREMIUM GUARD SB as a thin film, using a microfiber mop to distribute it evenly over the surface. Avoid leaving puddles. When the surface is freshly dried (approx. 30mins), remove potential excess and optimize shine by buffing the surface. For buffing, you can use either a low-speed cleaning machine or preferably a high-speed burnisher, equipped with either a white standard cleaning pad or a #3000grit diamond impregnated Husqvarna EB/EM Maintenance Pad or alike.

If after application there is still a thin film on the surface or streak marks after the mop, they are best removed using a high-speed burnisher running at 1200rpm equipped with #3000 grit Husqvarna EB/EM Maintenance pads, or alike.

For highly absorbent surfaces, two applications may be needed for optimal result.

### Curing

Do not expose the surface to direct moisture until water and oil resistance is fully developed.

Water and oil resistance start to develop after 2 to 3 hours and will be fully developed after 24 to 48 hours. The surface treated with PREMIUM GUARD SB can be walked on approximately 7 hours after application depending on ambient temperature, humidity and air circulation.

### Consumption rate

1L of PREMIUM GUARD SB will cover approximately 20-50m<sup>2</sup> depending on the porosity of the concrete and the level of final polish when application is done. If two applications, then calculate half the coverage rate.

approx. 30-50m<sup>2</sup> /L on polished/fine-grinded surfaces

approx. 20-30m<sup>2</sup> /L on rough/non-grinded surfaces

### Processing temperature

Avoid direct solar radiation during processing. The surface temperature should be between 10 °C and 30 °C.

### Storage & Self Life

Keep container tightly closed in a cool, well-ventilated place and avoid exposure to humidity and water. Protect containers against damage and from frost. Storage temperature 5°-30° C. Shelf life in unopened canister is 18 months from manufacturing date. Expiry date is written on the CE-label. Opened cans should be worked up as soon as possible.

### Environmental Protection

Do not empty into drains. Waste codes/waste designations according to EWC/AVV. Waste code Product: 08 01 11 \* (Waste paint and varnish containing organic solvents or other dangerous substances). Waste code packages: 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

PREMIUM GUARD SB is a flammable liquid (UN 1170) with flashpoint at 12 °C. Use only outdoors or in a well-ventilated area.

VOC: 562g/L compared to VOC EU limit 750 g/L acc to EU Directive 2004/42 / EC (Cat IIA /h). VOC tested acc. to EN 16516 and ISO 16000 -3 -6 -9 -11. Compliant with German AgBB, the American ASTM D5116-10, the Italian CAM Edilizia, The French CMR, LEED, BRREAM International and EMICODE EC1, indoor Air Comfort Gold, and M1.

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



**DANGER!** Highly flammable liquid and vapor. Causes serious eye irritation. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take action to prevent static discharges. Do not breathe dust/fume/gas/mist/vapors/spray. Use only outdoors or in a well-ventilated area. 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.

Safety data sheet available on request, or via [husqvarnacp.com](http://husqvarnacp.com)

**Packaging Unit (PU)** 5 or 10L PE canister.

### Husqvarna item number:

501197907 PREMIUM GUARD SB 5L  
501197908 PREMIUM GUARD SB 10L

*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 space.*