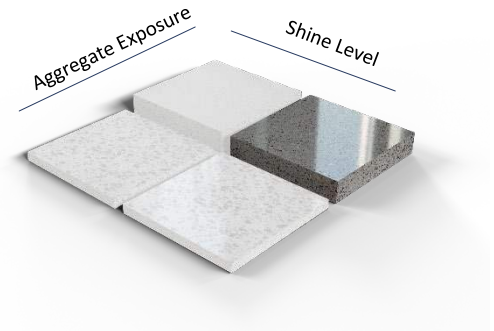


Husqvarna SUPERFLOOR™

Gold

Husqvarna SUPERFLOOR Gold is a method to create a highly polished concrete floor with a low to medium (“fine”) level of aggregate exposure. Gold entails that the floor is not ground as deep as with Platinum. However, the floor is polished to the same gloss. Gold can therefore be a good choice for concrete floors that are already smooth and even.

For a floor to be called Husqvarna SUPERFLOOR Gold, it must meet the requirements set in the “*Husqvarna SUPERFLOOR specification*” document*, both regarding equipment being used, the process described, and final surface metrics.



For Husqvarna SUPERFLOOR™ Gold the following special requirements apply for concrete surfaces that are to be given a final finish by polishing according to the Husqvarna SUPERFLOOR™ concept. Note that coarse/flat grinding is not included in this concept. SUPERFLOOR™ Gold requires that the surface is already smooth and flat, otherwise – use the grinding process for SUPERFLOOR™ Platinum.

CASTING

For the floor to have a uniform appearance, the casting is of the greatest importance. (A poorly cast floor will be costly to grind, and even if the function of a polished floor can be achieved, the finish will be affected by uneven aggregate, cracks, etc.) The Husqvarna SUPERFLOOR™ method is not in itself a method for preventing cracks in the floor, etc.

Thanks to experience from earlier examples, we can give the following tips on points to consider before casting, but please note: The designer is always responsible for ensuring the requirements are met regarding reinforcement and concrete quality as well as dimensioning. For details regarding the concrete placement, please see latest version of “*Concrete and Casting recommendations Husqvarna SUPERFLOOR*”*.

1. If the finished floor is to fulfil specific levels of floor flatness (F_f), these requirements must be met already when concrete is placed. The existing concrete surface is finished by grinding. Minor irregularities can be corrected, but the grinding will be more time-consuming.)
2. The surface should be thoroughly power floated as well as trowelled to achieve a surface as smooth, dense, hard, pore-free and level as possible.
3. After placement: Minimize cracks and crazing by keeping the surface moist during the first 5-7 days. Avoid uneven dehydration since this might otherwise cause color differences and visual imperfections in the concrete.
4. Normally, grinding can be initiated already 5-7 days after casting. But polishing should be left until a later date, when the moisture level in concrete is lower.
5. A too early application of a densifier will result in a non-optimal effect. Recommendation is to wait at least 14 days.

THE FINISHED FLOOR

A concrete floor that has been finished to a Husqvarna Superfloor™, can be put to use immediately and already has characteristic such as smoothness, high cleanability, good friction as well as high resistance to wear and great durability. The floor is very easy to clean and to maintain these characteristics it must be cleaned following the instructions as described in the document: *“Maintenance instructions_Husqvarna SUPERFLOOR”**

The cleaning is completely free from chemicals and only uses pure tap water as additive. Because concrete is mainly a natural material, it can be an advantage to add natural stone soap, when needed, to the cleaning process.

If finishing has been carried out using Husqvarna Floor Protection system, the floor has an increased protection against stains, which means that most liquid spills can be wiped up within 30-45 minutes without any residual stains. However, concrete is very sensitive to corrosive substances such as strong acids and alkalis, which should be removed immediately. For more information about our Stain Protection agents and other Floor Treatment products, please reach out to your local sales contact, or visit our website.

For newly ground concrete floors:

Avoid letting residual water in the form of pools/rivulets dry out/evaporate as this can cause a reaction in the form precipitation or permanent variations in the surface. The resistance increases with time and after approx. 2 months, reactions are not likely. However, large quantities of liquids should not be left to dry on the floor because a Husqvarna Superfloor™ is not a sealed floor - it is diffusion open.

If the finished floor needs to be covered with protective material, preferably use protective covering that breathes(diffusion open) such as Ramboard. It is important that the entire floor dries out at the same rate. Otherwise there is risk of permanent color differences.

Do not use tape directly on the finished surface since this risk leaving visible marks.

* Referring documents:

See <https://www.husqvarnaconstruction.com/int/floor-solutions/guides-and-documents/>

- *Husqvarna SUPERFLOOR specification*
- *Concrete and Casting recommendations Husqvarna SUPERFLOOR*
- *Maintenance instructions_Husqvarna SUPERFLOOR*