

Technical Data Sheet

Description

Husqvarna grouting products are specifically formulated for pore filling of pin-holes and micro cracks in concrete surfaces.

GM+ is a quick drying grouting product well suited for small-scale projects where time is of essence, and/or specific areas with large pin-holes (up to 5mm) to fix. Thanks to the dry processing method we avoid slurry and the need of splash protection and also sequential cleaning of the grinders and tools afterwards.

Properties

GM+ is a water based acrylic dispersion. Compared to the GM 3000, the GM+ has a somewhat greater void filling capability and a much quicker drying time. With 2 applications, the GM+ will be capable of successfully filling pinholes even larger than 5mm in size. Drying time only 1-2hrs.

Adhesion is optimized to meet daily wear and tear. The product forms an initial fixing that will strengthen even further by sequential densification but still be flexible enough to withstand vibrations from sequential grinding and everyday use afterwards

Advantages:

- Capable of successfully filling pinholes even larger than 5mm
- Quick drying time (1-2hrs)
- A fixing flexible enough to withstand vibrations from sequential grinding and everyday use afterwards.
- A dry process, i.e. no need to protect surroundings from slurry splashes and no need for cleaning the grinder afterwards.

Scopes of application

GM+ is well suited for small-scale projects where time is of essence, and/or specific areas with large pin-holes (up to 5mm) to fix. Thanks to the dry application process, it is also suitable for areas where you would like to avoid unnecessary splashes and slurry such as domestic projects.

Processing

Application method is different from the conventional GM 3000 and due to the manual work more appropriate for smaller areas. GM+ is mixed on the construction site with the grinding dust from the concrete surface prior to application, and then worked down using ordinary handheld equipment such as a rubber squeegee or a steel blade. Reason to use the grinding dust from site is that the resulting fixings should better match same color tone of the original floor.

1. NOTE! Make sure to save the grinding dust from previous #80 grit step in a separate bag! (Not to be mixed up with the dust from previous grinding steps to avoid impurities)
2. Vacuum the floor thoroughly to remove grinding dust from pores.
- 3 Wet the surface with water for approx. 20mins to make it less absorbing (which will otherwise risk draining the water out from the fixings). Remove excess puddles.
- 4 .Stir GM+ well before use! The 10L bucket is slightly bigger than the volume of the grout (9L) to enable a proper stirring prior to use. 1 liter of the grout will last approx. 20 m² in two applications, meaning a full 9L bucket will cover approx. 200 m² with two applications.
5. Mix the collected 80 grit grinding dust with the grout liquid, using an electric mixing rod. (1:1 ratio). Start with the GM+ and then add water until desired viscosity is reached. The resulting consistency should be like "self levelling screed".
6. Apply and distribute the mixed GM+ manually with a rubber squeegee or a steel blade or by using a putty shovel or alike,

and leave to dry for approx. 1–2 hours. Don't apply too thick, just make sure you work it in and leave some 1mm grout layer on top. Once applied on the floor; if it dries out too quick making it hard to distribute, dampen the floor a bit more with water.

7. Allow the surface to dry completely (at 20°C approx. 1-2 hours)

8. If needed, re-apply again.

9. If the consistency of the grouting material increases significantly during application with the putty shovel, gently add more water to the floor by moisten the surface again in front of the application until the desired consistency is achieved again..

7. Leave product to harden overnight.

Clean equipment with water.

Processing temperature

Avoid direct solar radiation during processing. The surface temperature should be between 10 ° C and 30 ° C (50 – 86 F). Floor heating maybe turn off.

Drying time

The curing time is between 1-2 hours, enabling a second application very quickly if needed. According to ambient temperature, humidity and absorption there could be a difference in curing time.

Processability (pot life and application) of GM+ is longer and easier than conventional cement-based grouts, but it must be processed within 45 minutes after mixing.

Consumption rate:

Consumption Rate: approx. 20 m²/L

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

Waste disposal according to directive 2008/98/EC, covering waste and dangerous waste. Waste code product: 08 02 99 (Waste not otherwise specified). Waste code packaging: 15 01 02 (Plastic packaging). Dispose of waste according to applicable legislation. Completely emptied packages can be recycled.

Health & Safety

The product contains no volatile organic compounds and is suitable for green buildings certification (DGNB, LEED, BNB, etc.). The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

Avoid breathing dust/fume/gas/mist/vapors/spray. Wear protective gloves/protective clothing/eye protection/face protection.

Packaging Unit (PU) 10 liter PE bucket. (Containing 9L active ingredients)

Husqvarna item number:

529750908 GM+ 9L

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.