

Technical data sheet

Lavastone® 120 APM_en – Version 1.1
Revision: 04.12.2019



LAVASTONE® 120 APM Quick Primer

Solvent-free quick primer to reduce the absorbency of mineral substrates.

Technical data

Basis	aqueous dispersion	Density	approx. 1 kg/L
pH-value	8 – 9	Color	milky white
Processing temperature	min. +8 °C max. +35 °C	Drying time	approx. 30 min at 20°C / 50% RH*
Organic solvents	none	Consumption	0.1 – 0.15 kg per m ² in 2 applications (wet on wet)

* = higher temperatures shorten, lower temperatures extend the time specified

Properties

- environmentally friendly
- VOC – and APEO-free
- water vapor permeable
- increases the strength of porous substrates
- reduces the capillary absorbency of the substrate
- improves the adhesion on the substrate
- dust-binding
- prevents bubble formation in subsequent coatings
- fast covering possible

Range of usage

- for indoor and outdoor use
- for the subsequent processing of industrial floor coatings, self-leveling compounds, mineral adhesives and fillers
- as an impervious layer for subsequent thin film coverings on absorbent and mineral substrates.
- temporary brake drying on fresh concrete
- temporary impregnation
- as a wallpaper underground.

Preparation of substrate

Prior to application ensure that the underground is dry, dust-free, clean, and free from other substances that could lead to separation before coating. Depending on the intended system to be applied, it is advisable to perform a mechanical surface preparation, for example by blasting. The concrete surface should be dry before application of the primer. The coating work on the primer has to be finished within 6 hours.

Application

Apply LAVASTONE® 120 APM twice wet on wet with roller or brush on the substrate surface. First application needs to be diluted with maximum of 1:1 with clean water in the presence of highly

porous undergrounds. The second should be applied in undiluted form. Avoid puddles. The material should not be left standing on the substrate for a long time. It is important to ensure sufficient adhesion for extremely absorbent substrates.

Tools and cleaning

Brush, roller or spraying tools

All equipment should be washed clean and dried before and after application.

Packaging and shelf-life

5 or 30 liter canisters. Container available on request.

Original packing is storable for 6 months in dry and controlled temperate areas (not below 0 °C, recommended 10 – 25 °C). Reseal opened containers immediately and use within a very short time.

Safety notes

Please refer to the Material Safety Data Sheet which can be requested on www.lavastone.online for further information on safety during transportation, storage, handling and disposal. Follow instructions on the packaging.

Notes

Avoid mixing with alkaline substances, dust or other dispersions. Use only clean equipment for application. Prior to further processing please check sufficient film formation

The content of this technical data sheet corresponds to the latest development and our applications experience. All information is based on ideal conditions and therefore does not apply for every application purpose. Due to different materials, substrates and different actual site conditions no warranty is given for the customer's application. In particular, we assume no liability based on this information or any verbal statements. The only exception is when we can be blamed for the case of intent or gross negligence. In that case the customer has to prove that he has transmitted all required information completely and in a timely manner for a proper and promising evaluation by GCM GLOBAL. Any further details regarding the application of our products have to be confirmed in writing by GCM GLOBAL. The customer must test the product's suitability for the intended application and purpose. We reserve the right to change the product specifications due to the ongoing development. Apart from that our general terms and conditions are valid. This data sheet supersedes all earlier technical data on this product. The technical data sheet can be requested on www.lavastone.online

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