

Application: In winter, or when coating cold storage rooms, it is frequently necessary to repair cold cement concrete floors. With Plastifloor® resins, work can be carried out—even in extreme cases—at temperatures down to –30 °C. However, at temperatures of 5 °C and below, reliable curing can no longer be achieved solely through the addition of Plastifloor® hardener powder. By adding Accelerator B101, reactivity is significantly increased, thereby ensuring rapid and reliable curing.

Characteristics: Upon dissolution in the Plastifloor® binder and subsequent mixing with the hardener, Accelerator B101 induces enhanced radical formation. Consequently—and accompanied by a simultaneous increase in the hardener quantity—this process improves the polymerization and, by extension, the curing of the coating, or in some cases renders it possible in the first place. The addition of Accelerator B101 increases the yellowing tendency of clear polymers (e.g., sealants). Furthermore, higher concentrations reduce mechanical strength.

Properties of the delivered product:

Characteristic	Measurement method	Approximate value
Density D ²⁰	DIN EN ISO 1183-1	0,92 g/cm ³
Flash point		+ 83 °C
Form of delivery		yellowish liquid
Shelf life		In the dark at < 20 °C for max. 6 months.
Delivery Container		50 ml Dose
		1 kg, 25 kg Canister

Safety

Instructions: Plastifloor® The accelerator must be stored strictly separately from the hardener powder and must never be mixed directly with the hardener—risk of deflagration! Add Accelerator B101 to the binder only immediately prior to processing! Accelerator B101 is toxic; avoid skin contact! Strictly observe the instructions provided in the Safety Data Sheet.

Container size: 1 kg, Larger quantities available upon request.

Processing / Dosage: Plastifloor® Accelerator B101 must be mixed with the Plastifloor® resin immediately prior to processing. The hardener and fillers are to be added last. The binder and fillers must be cooled to the substrate or ambient temperature; otherwise, the pot life and curing times will be significantly shortened.

Accelerator and Hardener Addition for PF® 112, PF 332, PF 418, PF 800

Temperature [°C]	Accelerator B 101 [Gew. %]	Hardener [Gew. %]
0	0.5	5
- 10	1	5
-20	2	5
- 30	3	5

Stir in the accelerator and hardener very thoroughly, one after the other!

No accelerator is to be added to any sealants; otherwise, severe yellowing may occur.

Danger:

At temperatures below 0°C, the exact dosages of hardener and accelerator must be verified prior to use. In many cases, it may be beneficial to warm the resin to at least 5°C before use and then proceed with processing. Particular attention must be paid to ensuring that the substrate is completely dry, and it is essential to apply a sufficient layer thickness.

Storage**Instructions:**

Accelerator B101 must be stored in plastic containers—under no circumstances in uncoated metal vessels—as a reaction with such materials cannot be ruled out. Furthermore, a maximum storage period of 6 months must be observed.

Notwithstanding the information provided in the product data sheets, the following dosage quantities must be strictly observed. Dosage depends on the temperature and the type of resin.

Please observe the instructions on our safety data sheets.

**Occupational
Safety:**

Ensure adequate ventilation during processing. The regulations of the LASI (State Committee for Occupational Safety) must be observed. Please read and follow the instructions provided in our safety data sheets.

VbF : A I
HS-Code: 2921 4300


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EN 13813, SR-B2, 0-AR0, 5-IR12
Plastifloor® Accelerator B 101
(Application in accordance with the latest technical information)

CE- Labeling

Our information regarding our products, equipment, systems, and processes is based on extensive development work and practical application experience. We provide these findings—for which we assume no liability extending beyond the scope of the respective individual contract—both verbally and in writing to the best of our knowledge; however, we reserve the right to make technical modifications in the course of product development. Nevertheless, this does not absolve the user of the responsibility to independently verify the suitability of our products and processes for their own specific application. This also applies with regard to the observance of third-party intellectual property rights, as well as to applications and procedures that have not been expressly authorized by us in writing.

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