

For mat top-coats

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**Application:** Plastifloor® Hardener powder M is being processed with Plastifloor® sealer resins, if a mat, scratch- and chemically resistant surface is required. Plastifloor® Hardener powder M has to be thoroughly mixed with the sealer resin in order to ensure curing and an equal dispersion of the pigments (mixing time: minimum 1 minute!)

**Characteristics:** Plastifloor® Hardener powder M is a powder containing Benzoyl peroxide which is soluble in acrylic resins. After the decomposition of the powder into reactive radicals, the polymerization starts which consequently results in the curing of the floor coating.

**Characteristic data:**

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|------------------------|-----------------------------------|
| Delivery form          | sandy, white, dry powder          |
| Content of Peroxide    | 50 ± 5 %                          |
| Bulk density           | 38.71 - 40.58<br>(68°F)           |
| Solubility             | not soluble in water              |
| Storage<br>Temperature | maximum 77°F                      |
| Bundle                 | 44.09 lb, 11.03 lb, 5.51 lb boxes |

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**Safety notes:** Plastifloor® Hardener powder M is an oxidation agent which vehemently decomposes under the influence of heat or at contact with reduction agents. Never mix with Accelerators! Separate storage and transport from Plastifloor® resins! Mind the safety datasheet!

**Processing Notes:** Mix Plastifloor® Hardener powder M immediately prior to processing with Plastifloor® sealer resin. Add color pigments at last. When dosing, strictly mind the indications of the product datasheets. The dosage is affected in dependence of the temperature and the type of resin. Never use Plastifloor® Hardener powder M when processing Plastifloor® coating resins 332, 418, 510, 800.

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| Temperature<br>[°F]** | Hardener<br>[Vol%]* | Pot life<br>[min] | Curing time<br>[min] |
|-----------------------|---------------------|-------------------|----------------------|
| + 41                  | 6                   | ca. 40            | ca. 55               |
| + 50                  | 5                   | ca. 30            | ca. 40               |
| + 68                  | 4                   | ca. 20            | ca. 30               |
| + 77                  | 3                   | ca. 10            | ca. 20               |

\*) Hardener quantity calculated according to Plastifloor 526 (Hardener M)

\*\*) temperature refers to resin, surface and air temperature

**Storage:**

Plastifloor® Hardener powder 50 W has to be stored cool, protected against direct sunlight and preferably at temperatures of 59 - 68 °F.

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06-03-2022

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