

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 (68°F)
Solubility	not soluble in water
Storage 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.

Temperature [°F]	Hardener [Vol-%] *	Pot life [min]	Curing time [min]
+ 41	5 - 6	~ 40	~ 55
+ 50	4 - 5	~ 30	~ 40
+ 68	3 - 4	~ 20	~ 30
+ 86	2 - 3	~ 10	~ 20

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

Data concerning our products and devices as well as concerning our data and procedures are based on an extensive research work and an application technology experience. We obtain these results, with which we do not take over adhesion going beyond the respective single contract, in word and writing after best knowledge, reserve ourselves we however technical changes in the course of the product development. Beyond that our application technology service stands when desired for large consultation as well as for co-operation with the solution manufacturing and application technology problems for order. That does not relieve the user however to examine our data and recommendations before their use responsible for the own use. That applies - particularly for deliveries to foreign markets - also regarding the keeping of patent rights third as well as for applications and procedures, which are not expressly in writing indicated by us. The case of loss our adhesion is limited to indemnifications of same extent, as they plan our general terms of delivery and sales with lack of quality.