

Plastifloor® 430 (USA)

Highly viscous, elastic PU Methacrylate resin with low-temperature flexibility. Mixed with Plastifloor® coating resins used for the production of 2-components coatings in cool and cold treatment areas on concrete ground. Also applicable as liquid foil and joint grouting mass for construction joints

Characteristics: Coating on basis of Plastifloor® 430 or mixtures with Plastifloor® 322 disposes of a high cooling flexibility. Plastifloor® 430 is used also as membrane layer with Plastifloor® coatings, as joint grouting mass for work adding with very good flexibility properties in the external area.

Characteristic data:

Form of delivery	liquid, blue
Flow time	15-21 sec (68°F), DIN flow cup, 6mm
Curing	15-25 min (68°F)
Density at 68°F	DIN 51757 1.0 g/cm ³
Flashpoint	DIN 51755 +10°C
Shelf-life, dark at < 68 °F	6 months maximum
Bundle	396.83 lb drums 55.12 lb, 22.05 lb pails

Activator: Plastifloor® 430 is pre-activated for temperatures of +41 °F to +86 °F

Initiator/hardener: Hardener powder (BPO), temperature-dependent

Storage conditions: Storage at = 77 °F. Protect against direct sun. At temperatures below + 59 °C the paraffin loosened in the bonding agent can fail. Stir up well prior to use!

VbF: A I

GISCODE: RMA 10

Customs number: 320 820 10

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Arranging prescriptions:

430/1 membrane layer 1 – 2 mm	80.0 GT Plastifloor® 430 of 20.0 GT fine filler 0 - 50 µm (no carbonate-containing fillers!)
430/2 coating interspersed 5 - 8 mm	30.0 GT Plastifloor® 332:430 (2:1 to 3:1) 28.0 GT fine filler 0 - 50 µm (no carbonate-containing of fillers!) 40.0 GT quartz sand 0.3 - 0.8 mm of 2.0 GT pigment powder
430/3 joint grouting	80.0 GT Plastifloor® 430 15.0 GT Additiv 430 5.0 GT pigment powders

Processing:

The dispensing 430/1 is applied with a dental made of metal or MMA-resistant plastic.

The dispensing 430/2 is predistributed with a squeegee and smoothed with a trowel. This formulation is particularly suitable for grounds in freezers or cold treatment areas (to - 40 °F). For the increase of the pressure strength and the pavement grip the flow lining with quartz sand 0.3 – 0.8 mm or 0.6 - 1.2 mm for decorative purposes with synthetic resin (EP or PU) is interspersed coated color sand of same granulation. Before applying Topcoats, the surplus sand/color sand is removed. The surfaces of coatings with Plastifloor® 332:430 must be sealed with Plastifloor® 528 (clearly or pigmented).

Processing joint:

The dispensing 430/3 is used for pouring pre-primed construction joints in the interior and external area. It has to be ensured that the sealing compound is received only at the side flanks of the joint a group.

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Pot- and curing time depending Temperature:

Temperature [°C]	Hardner [Vol%]	Pot life [min]	Hardening time [min]
+41	3	ca. 8	ca. 75
+50	2,5	ca. 10	ca. 60
+68	2	ca. 10	ca. 30
+86	1,5	ca. 11	ca. 30

* Hardener quantity calculated according to Plastifloor® 332 N

Note: Transfer and capping only on pre-primed surfaces!

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.