Plastipur® 472 (USA)

PLASTI CHEMIE
Produktionsgesellschaft mbH

Solvent free, highly viscous, elasticized synthetic resin based on aspartic esters for the production of decorative 2-component floor coatings.

Application:

Plastipur® 472 Is a solvent-free, pigmented 2-component reaction plastic based on aspartic esters. The product is used indoors and outdoors in layer thickness between 0,04 inch and 0,12 inch for areas with medium mechanical and high chemical load. Due to its extremely high chemical resistance as well as its resistance to softening agents and anti-aging agents, Plastipur® 472 is mainly used as a topcoat for decorative floor coating systems.

Characteristics:

Coatings manufactured with Plastipur® 472 are tough and have a high abrasion resistance and good self-levelling. Plastipur® 472 is preferably used for decorative self-levelling floorings. They are distinguished by a broad UV, aging and saponification resistance.

Characteristic data:

Delivery form	transparent, glittering	
Viscosity	Component A	ca. 250 - 400 mPas
	Component B	ca. 1000 - 1.500 mPas
	Mixed viscosity	ca. 400 - 700 mPas
Density	9,18 lb/gal	68°F / 50% RH
Shore-Hardness	D 66 - 72	
Solid Content	100%	
Shelf life	In the original container, closed, dry, cool, frost-free max. 6 months	
Bundle		22,04 lb (13,23 lb/8,81 lb)

Processing Notes:

Processing:

Let the hardener component B flow completely into the main component A. Mix thoroughly with a slow-rotating stirrer (recommendation: double stirrer with counter-rotating stirrer shafts). Pour into another container and mix again. Prior to application to the substrate, an even, streak-free coating composition must be present. Then the self-levelling filler is intermixed.

The product is poured onto the prepared surface and evenly distributed with a tooth trowel or smoothing trowel.

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The self-levelling coating can also be spread with a toothed blade. Into the fresh coating, coloured chips can be applied as desired (fully broadcasted approx. 23,73-47,46 lb/m²).

The substrate must be dry, firm, clean, load-bearing and free of separating substances such as greases, oils, etc.

In the case of larger surfaces, care must be taken that time has to be taken to work onto older layers in order to minimize starting traces.

Mixing approach:

13,23 lb	Main Component A
8,81 lb	Hardener Component B
22,04 lb	Self-Levelling filler

Material consumption: 0,029 gal/ft²

Processing time:
10 - 20 min (86 °F / 50% RH)
20 - 30 min (68 °F / 50% RH)
30 - 40 min (50 °F / 50% RH)

Curing time:
min. 2 - 3 h, max. 6 h (86 °F / 50% RH)
min. 3 - 4 h, max. 10 h (68 °F / 50% RH)
min. 4 - 5 h, max. 12 h (50 °F / 50% RH)

Additional Information:

The material, air and floor temperatures must be measured and must be between 50 °F and 86 °F during the entire installation. It is also important to ensure that the substrate temperature is 37,4 °F above the dew point temperature. The relative humidity must not exceed 80%.

Ensure good ventilation after application and during hardening. The surface must be protected from direct contact with water during the entire hardening phase.

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