

Solvent free, highly viscous, elasticized synthetic resin based on aspartic esters for the production of membranes and elastic floor coatings.

**Application:** Plastipur® 370 is a solvent-free, non-filled and non-pigmented 2-component reaction plastic based on aspartic esters. The product is used indoors and outdoors in layer thickness between 1 mm and 3 mm for areas with medium mechanical and high chemical load. Due to its high flexibility, Plastipur® 370 is mainly used as a membrane layer for industrial and decorative floor coating systems. The membrane layer is applied to a primer made of Plastifloor® 112 N. Plastipur® 470 coverings and elastic top layers made of Plastipur® 370 can be applied to these membranes.

**Characteristics:** The coatings produced with Plastipur® 370 are elastic and are characterized by high abrasion resistance and good self-levelling. Plastipur® 370 is preferably used for the production of membranes in order to avoid cracking in the floor coverings.

#### Characteristic data:

Delivery form	transparent, glittering		
Viscosity	Component A	ca. 250 - 400 mPas	
	Component B	ca. 2000 - 2.500 mPas	
	Mixed viscosity	ca. 1000 - 1500 mPas	
Density	1,10 g/cm <sup>3</sup>	23°C / 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	10 kg (6kg/4kg)		

#### 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. Broadcast the fresh coating with quartz sand 0.6 - 1.2 mm (approx. 3-4 kg/m<sup>2</sup> for Membrane; Coating approx. 4-5 kg/m<sup>2</sup>).

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:  
Membrane      6 kg      Main Component A  
                    4 kg      Hardener Component B  
                    8-10 kg    Self-Levelling filler

Mixing approach:  
Coating        6 kg      Main Component A  
                    4 kg      Hardener Component B  
                    10-12 kg    Self-Levelling filler

Material consumption:      1,2 kg/m<sup>2</sup>

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

Curing time:            min. 2 - 3 h, max. 6 h (30 °C / 50% RH)  
                                  min. 3 - 4 h, max. 10 h (20 °C / 50% RH)  
                                  min. 4 - 5 h, max. 12 h (10 °C / 50% RH)

## **Additional Information:**

The material, air and floor temperatures must be measured and must be between 10 °C and 30 °C during the entire installation. It is also important to ensure that the substrate temperature is 3 °C 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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# Plastipur® 370

**PLASTI CHEMIE**  
**Produktionsgesellschaft mbH**

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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.

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