

PLAKA PLANO

Absorption panels in melaminic resin foam
REF 12.12.11 - Version V01 - 26/08/2020



To ensure durable and reliable adhesion of our Plaka Plano melamine resin soft foam with our Plano Glue or acoustic adhesive, the following application instructions should be noted and adhered to.

Planning

Material consumption: Depending on the substrate, approx. 10 m per 600 ml flow pack, 5 m per 310 ml cartridge, 8 mm nozzle diameter, may be taken as a guideline. With an adhesive layer thickness of 1 mm, approx. 1 l / m² is used, i.e. a 600 ml flow pack is enough for about 0.6 m² glued surface, a 310 ml cartridge is enough for about 0.31 m² glued surface.

Substrate preparation

The substrate surfaces to be glued must be firm, stable, free of dust, grease and oil and must be dry and free of ice and frost.

Avoid wet surfaces and ensure that surfaces are clean and dust-free.

If necessary, adhesion tests may be carried out by gluing a piece of Plaka Plano using Plano Glue or acoustic adhesive from the flow pack to a critical spot. Then allow the adhesive to dry (at least 24 hours) and pull the Plaka Plano board off again. If the adhesive separates from the substrate or pulls away, taking with it substrate residues, then normal gluing is not possible.

Greasy surfaces or surfaces with a release agent must be pre-cleaned with thinners / cleaner. The flash off time of the cleaning agents and surface compatibility must be taken into account.

All substrate materials must be compatible with our adhesives pursuant to DIN 52 452, Part 1. Adhesion and compatibility with plastics should be tested on the plastic itself. Compatibility should first be tested before using on coated surfaces (e.g. water-repellent substrates). Loss of adhesion may, for instance, be a problem due to migration of softeners in case of acrylic coating materials.

Substrates

Adhesion is possible on concrete, gypsum, natural stone, aluminium, steel, zinc, copper, glass, wood, MDF, tiles, ceramics or on solid mineral substrates. It is important for the surfaces to be abrasion-resistant, with good adhesive properties.

Treated surfaces must be fully cured prior to adhesion. With powder coating, process additives (e.g. waxes) may be released after some time, causing adhesion to fail. In this case, own tests should be performed or the coating manufacturer consulted.

Loose surface material should be removed. Prime porous, strongly absorbent and friable substrates with a primer. Our Multi Primer can be used for Plano Glue. For acoustic adhesive, we recommend priming with a mixture of the adhesive and 3 parts water. Stir this priming mixture well before use. Always observe flash off time of the primer!

Oxidised metals or rust are not suitable as substrate and must be removed. In the case of very uneven substrates, holes and cracks, it is advisable to level the substrate with an appropriate filler to achieve an attractive finished appearance of our Plaka Plano board.

Application

The temperature must not be less than + 5 °C.

Tools: The following working materials are adequate for reliable and simple application: flow pack hand pressure gun, cotton gloves, carpet knife, various spatulas, toothed spatula (tooth at least 6x6 mm).

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Application: Apply a bead of Plano Glue or acoustic adhesive to the substrate using a flow pack gun and nozzle (nozzle dia. at least 8 mm). Using the toothed spatula, spread the adhesive beads evenly for a smooth finish. Place the Plaka Plano soft foam on the fresh adhesive bed and press down evenly, by hand. We recommend wearing clean cotton gloves to prevent soiling of our Plaka Plano boards. After pressing down our Plaka Plano, the adhesive layer should be at least 1 mm thick and without air pockets. Use up opened adhesive containers as soon as possible.

Cleaning

With Plano Glue, use Fasatan® Cleaner / Thinner to remove residues of adhesive that has not yet hardened from the substrate.

Fasatan® Cleaner / Thinner can also be used to degrease the adhesion surface – check for compatibility! With the Acoustic adhesive, water can be used to remove not yet hardened adhesive residues.

Once hardened, the adhesives can only be removed mechanically.

Storage

Store cool and dry between + 5 °C and + 25 °C in unopened original containers.

Minimum shelf life in unopened original container: 9 months from date of manufacture.

Please refer to our current Safety data sheet for further information. Please also observe the relevant Technical data sheets!