

SEALING FOR LABFLOOR SYSTEM

RECOMMENDATIONS FOR USE

Install the floor in dry and protected sites with temperature between 5°C e 35°C and relative humidity between 40% and 75%.

In case the subfloor is provided with pipes containing fluids at such a temperature to cause local or general humidity conditions that go beyond those mentioned, it is recommended to properly isolate the sources of heat and provide for proper ventilation in order to fall within the conditions indicated above.

Distribute the wiring/plumbing/heating systems according to the modularity of the raised floor considering the dimensions of its components. Prior to the installation of the systems, it is better to make a drawing of the raised floor to avoid overlapping of the systems.

DESCRIPTION OF THE SEALANT

We recommend the use of a pure acetic silicone sealant, as Mapesil AC; it is a low elastic modulus sealant based on pure solventless silicone. It is available in transparent version and in 26 colors matched with the Mapei colored floor gaps. It is recommended for the elastic sealing of connecting joints and internal and external expansion joints of resilient flooring and ceramic coverings, bathroom fittings, glass, painted surfaces.

APPLICATIONS

Ideal in any environment including bathrooms, saunas, and wet rooms; it forms a flexible joint that sticks to the support between structural elements and can be used in different fields such as: construction, mechanical, marine, and automotive field. Mapesil AC perfectly sticks to glass, ceramic and anodized aluminum.

SUGGESTIONS

To level or refine, use a spatula moistened with water and soap and clean the excess sealant before it vulcanizes. Once opened, the pack must be kept with the nozzle placed. Before using it again, remove and clean the nozzle. Avoid prolonged contact with hydrocarbons, because the silicone can swell and detach, although it has a high adhesion.

INSTRUCTIONS FOR USE

Preparation

Clean the bevel the raised floor with an alcohol-soaked cloth to leave the surface free from any dust or oiliness.

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Application



To have a clean and accurate result, we suggest to apply adhesive tape around the part where the silicone must be applied. Then you must cut the tube's plastic nozzle (the way of cutting the nozzle depends on the width of the strip of silicone that you want to apply).

Begin to apply the silicone holding the gun tilted 45 ° and gently press the trigger to bring out the silicone. Follow the line adjacent to the adhesive tape applying the silicone with a continuous movement without stopping, in order to avoid the silicone accumulation.

With a screwdriver or a plastic spatula (depending on the width of the strip of silicone) remove the excess material.

Remove the tape with a snapping motion and let the silicone well dry before wiping with a sponge.

Tip: as the silicone dissolves in acetic acid, if a specific thinner is not available, you can clean the tools with normal wine vinegar.

Precaution:

It may cause skin irritation to allergic people or because of prolonged contact. Out of prevention, you should use surgical or chemical gloves, or barrier creams.

Avoid contact with eyes: if this happens, rinse with abundant lukewarm water for 15 minutes.

If symptoms persist, consult a specialist.

Store in a cool and dry place.

Do not ingest. Avoid contact with food.

Keep out of reach of children and pets.

For any other indication that is not reported, please refer to the safety sheet of Mapei product.

Instructions to remove silicone

The removal of the silicone is a simple process, but to be performed with specific cares.

Materials:

- Spatula;
- Single cutting blade or razor, box cutter or utility knife;
- Denatured alcohol;

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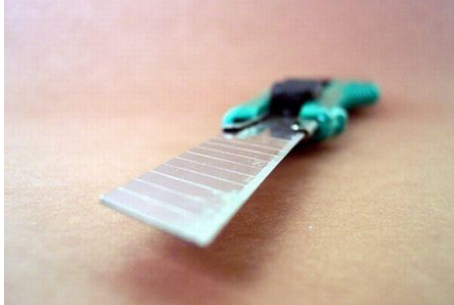
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- Cloth.

Step 1: First of all, notch with a sharp knife the perimeter of the panel, lift the panel and remove all traces of silicone before applying a new layer in order to get a soft and leak-proof coating. Be careful not to scratch the floor covering.



Step 2: Remove the silicone from the sides of the floor panel, use a spatula by inserting it into the edge of silicon. Lever up and remove the silicone from the gap between the two panels. Hold firmly, yet gently pull, the silicone. As you pull, use the spatula or razor blade to loosen the silicone constantly. Work slowly. You can remove more silicone in this way than by pulling and scraping.

Step 3: The parts that you cannot remove can be scraped with the cutter's blade.

Step 4: Take a cloth dampened with denatured alcohol and rub the area to remove the remaining silicone and reseal the gap again as before.

Removal and repositioning of the panel (or panels)

Completely clear from the silicone the gap surrounding the panel (or panels) to be removed in order to access to the plenum below and lift the panel (or panels) by using a double cup lifting tool.

Once completed the necessary maintenance operations in the subfloor plenum, reposition the panel (or panels) and then repeat the sealing operation of the gap described above.

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