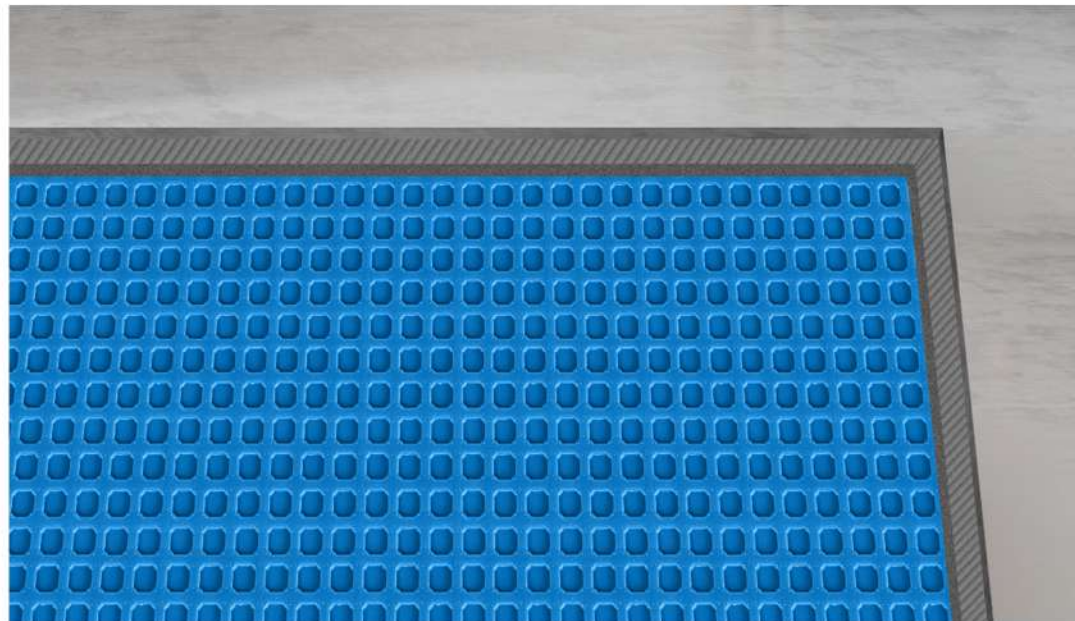


Decoupling Pad Installation Guide



Floor Inspection and Treatment

The decoupling pad must be installed on a flat and load-bearing base.



Floor Inspection



Level

I. Use a professional level to check if the floor is flat. If necessary, use appropriate materials to level the base; the leveled floor must be inspected with a laser level or long level. During floor leveling, excessive ventilation and rapid drying should be avoided to prevent cracking.

II. Floor Crack Treatment:

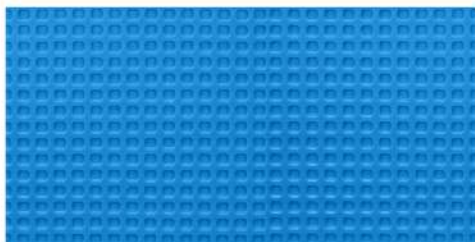
- 1.First, assess the nature and cause of the cracks. Determine whether the cracks are caused by foundation settlement, temperature changes, or improper construction.
- 2.Use a wire brush and vacuum cleaner to remove loose materials, dust, and debris from the cracks. Ensure the cracks are dry and free of foreign matter.
- 3.For larger cracks, use a cutting machine or chisel to form a "V"-shaped groove in the crack. This will help the repair material adhere better.
- 4.Select repair materials based on the size of the cracks. Small cracks can usually be filled with crack-filling adhesive or epoxy adhesive; large cracks may require cement-based repair mortar.
- 5.Fill the cracks with the repair material. Ensure the repair material fully fills the cracks, and use a trowel to smooth the surface.

Floor Cleaning and Brushing of Interface Agent



Clean the floor thoroughly; brush the interface agent on the cleaned floor.

Decoupling Pad Cutting Treatment



Unfold the JABOD decoupling pad at the corners, and perform precision cutting according to the required length and size of the floor.



Note: 6mm expansion joint must be left along the perimeter of the walls, or foam tape can be used for ease of operation.

Applying Tile Adhesive on the Base



Apply a thin layer of suitable C2-grade flexible tile adhesive, with a thickness of approximately 3mm, to bond the Jabod decoupling pad that is suitable for tile laying. Use a notched trowel to apply the tile adhesive.

Scrape the tile adhesive into a notched pattern



C2-Grade Tile Adhesive



Notched Trowel

Laying Decoupling Pad 1



Lay the Decoupling Pad



Smooth the Decoupling Pad



Pressure Roller

Lay the decoupling pad with its non-woven fabric side facing down onto the freshly applied tile adhesive. The decoupling pad must be fully embedded in the adhesive to achieve adequate adhesive strength. If the adhesive has started to skin or harden, this layer of adhesive needs to be removed and a new layer of adhesive applied. You can use the flat edge of a trowel or an appropriate pressure roller to smooth the decoupling pad and eliminate any existing air pockets.

Laying Decoupling Pad 2



Ensure that the edges of each decoupling pad are flush without overlapping.

After the decoupling pads are pressed flat, remove the excess tile adhesive squeezed out from the joints.



If waterproofing is required, the edges against the walls must be pasted with waterproof tape. The joints of the decoupling pads shall be sealed with waterproof tape and coated with adhesive to ensure the surface waterproofing effect.

Surface Layer Installation



- 1、 After the decoupling pad adhesive has cured, scrape and apply tile adhesive with a thickness of approximately 3mm on the surface of the decoupling pad.
Use a notched trowel for this operation.



- 2、 Scrape and apply tile adhesive on the back of the tiles.
The total thickness of the tile adhesive on the decoupling pad and that on the back of the tiles combined shall not exceed 8mm.



- 3、 Tile Laying



- 4、 Tap large-format tiles with a large-format tile beater to eliminate voids



- 5、 Install tile levelers between tile joints

Overall Structure Section View

