

INSTALLATION GUIDE

DECOUPLING MAT

Over Interior or Exterior Wood or Concrete



1 Ensure subfloor is flat.

When applying over wood, ensure plywood or OSB is fastened correctly and meets deflection criteria for intended tile or stone. Exterior applications may require proper sloping.



2 Remove any debris from the subfloor (i.e.: drywall debris, paint, mortar, adhesives, etc.).

Sweep subfloor clean.



3 **IMPORTANT:** Maintain 1/4" spacing between mat edge and walls, columns, cabinets, etc. Pre-cut Decoupling Mat to fit using a utility knife. Dry fit into area to ensure accuracy of cuts.

Any special cuts, like "L" cuts around a counter, or hole cuts for plumbing, should also be done at this time.



4 Prepare mortar that is approved for subfloor.

Use maximum allowed water per mortar manufacturer's specification.



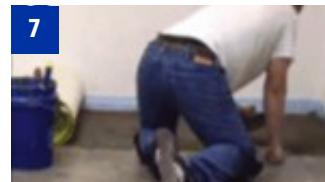
5 Wipe subfloor with a damp sponge. This will ensure good adhesion by removing dust, while dampening subfloor to help avoid moisture loss in mortar.

Some subfloors may need to be primed to achieve a good bond.



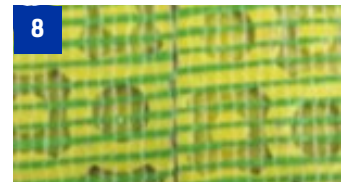
6 Trowel required to adhere mat: **4.5mm x 4.5mm** square notch, or **3/16" x 3/16"** square notch.

Coverage may vary with mortar consistency, angle at which the trowel is held, substrate flatness, etc.



7 Key mortar into substrate with flat side of trowel, followed by mortar application with notch side.

Mat must embed into WET mortar. Do not spread too far as mortar may dry or "skin over."



8 Decoupling Mat is installed with the **yellow** side facing upwards.

Adjoining sheets of Decoupling Mat should be installed without leaving space between sheets.



Embed mat into wet mortar using a float (wood or magnesium) or roller.

Mat will appear to darken as it becomes well Embedded into the mortar.

100% coverage is required...



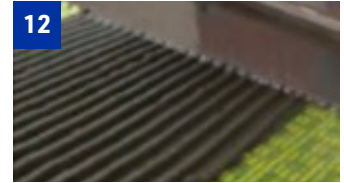
Periodically check for 100% coverage of mortar under the mat.

If poor coverage exists, or mortar appears to have "skinned over," Remove mat, clean area and repeat steps 6-8 as needed.



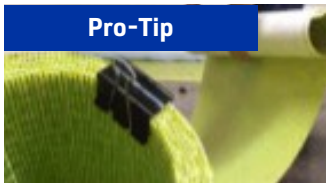
For a watertight application use waterproof tape embedded into mortar at each of the seams.

Ensure tape is centered on seam to achieve a minimum 2" (50mm) overlap with the Decoupling Mat on each side of the seam.



The install is ready to tile immediately.

Use trowel and mortar specified by tile manufacturer.



Pro-Tip

Prepare pre-cut mat by gathering into rolls for easy application.

Must be installed in compliance with appropriate ANSI and industry standards and TCNA recommendations.