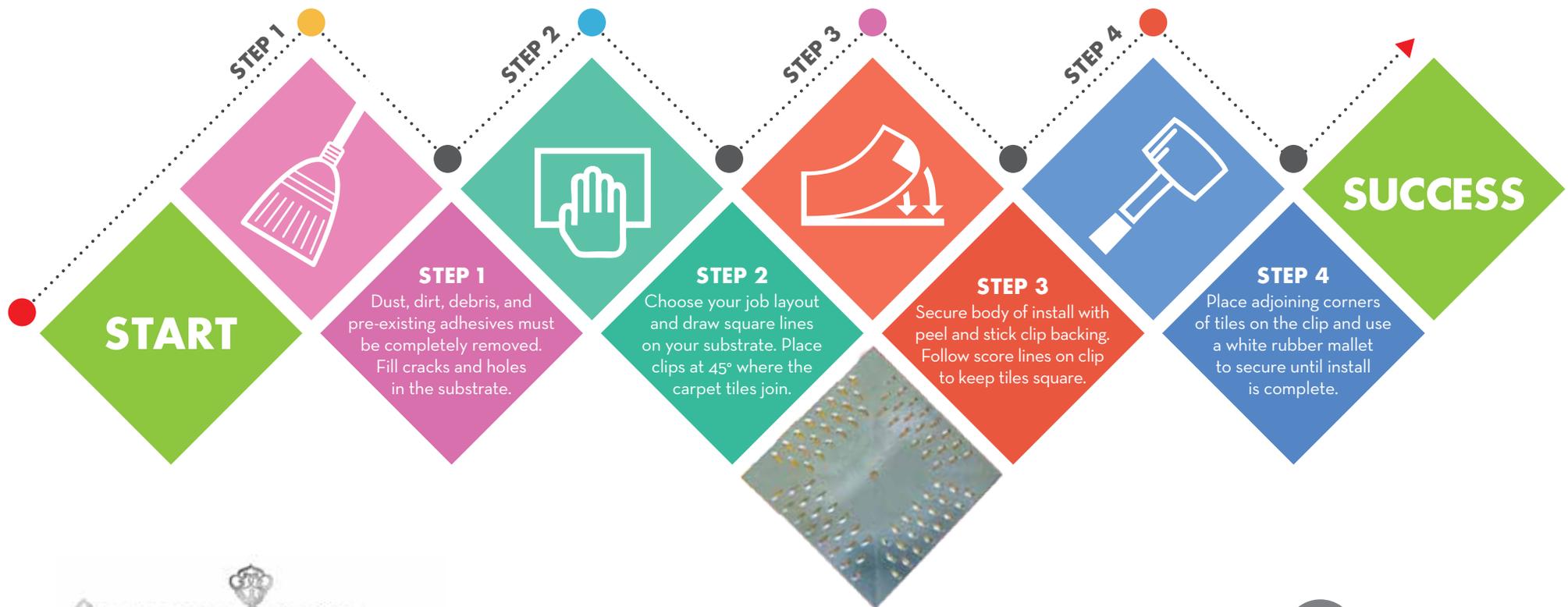


ArmorLock Modular Carpet Clip INSTALLATION GUIDELINES

THE PRODUCT:

ArmorLock Industries Carpet Clip connector system can be used with nearly all carpet tile backings. This clip is designed to be used as a glue-less alternative in carpet tile installation. The removal of full spread adhesive from the installation process has benefits such as time saved on installation and future installations. The benefit of not using full spread adhesive in your current installation is that there is no adhesive to remove or abate in future installations.

A glue-less installation also removes the time spent on waiting for the adhesive to flash or dry. The use of the ArmorLock Carpet Tile clip makes the products used easier to recycle upon replacement by eliminating adhesive residue from the carpet tile. The ArmorLock Carpet Clip is 100% recyclable. The use of The ArmorLock Carpet Clip will allow the end user to achieve a floating floor installation.



ArmorLock Modular Carpet Clip

INSTALLATION GUIDELINES

STEPS OF PREPARATION:

STEP 1

Dust, dirt, debris, and pre-existing adhesives must be either mechanically removed, hand scraped to bare residue, or encapsulated to remove tack. The substrate must be smooth and level with all cracks and holes filled using an appropriate cement based patch reinforced with polymers. Please refer to the manufacturer guidelines for the specific tile you are using.

Note: Failure to remove or encapsulate pre-existing adhesives may cause installation failure and will not be covered under warranty when surface preparation instructions are not followed.

STEP 2

Substrates:

Carpet clips are recommended for use on the following:

Concrete on grade, below or above grade, in the absence of excessive alkali or moisture:

Moisture content of the substrate does not affect the ArmorLock Clip, however all installations must comply with specific installation guidelines from each individual manufacture of their tile which is being installed.

Hardwood, APA floor grade plywood, tile, terrazzo, and well-bonded existing hard surface floor covering:

Floors must be clean, dry and free of dirt, dust and oil. The installation site must be acclimated with HVAC in operation. The floor and room temperature, as well as flooring materials and adhesive, must be maintained at 65°- 95°F, and the humidity below 65% for 48 hours prior to, during, and after the testing and installation. Substrates that have been chemically cleaned or when adhesive has been chemically removed, extra steps may need to be taken to ensure a proper installation. Please contact the technical installation department from the carpet tile manufacture or ArmorLock Industries before proceeding.

Subfloors:

New Concrete:

New concrete must be fully cured, free of moisture, sound, clean and meet industry standards as defined in ACI Committee 302.1.04R Report (see ASTM F 710). New concrete requires a curing period of approximately 90 days.

Old Concrete:

Old concrete must be checked for moisture. Dry, dusty, porous floors must be primed or encapsulated.

Note: Primers will not correct a moisture problem.

Wood:

Wood floors must be smooth and level. If the floor is uneven, an approved underlayment will be required. Old finishes must be tested for compatibility with adhesives or removed and porous wood primed.

Terrazzo/Marble:

Level all grout lines with an appropriate cement-based patch reinforced with polymers.

Hard Surfaces:

Tiles must be well secured to the floor or removed. Broken, damaged, or loose tiles must be replaced.

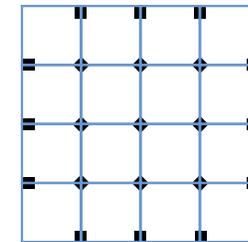
STEP 3

Job Layout:

Tile Size	Layout Style	Clips per SY
19.7 x 19.7 Tiles	Monolithic or Quarter Turn	5.00
24 x 24 Tiles	Monolithic or Quarter Turn	3.00
19.7 x 19.7 Tiles	Ashlar or Brick	7.00
24 x 24 Tiles	Ashlar or Brick	5.00

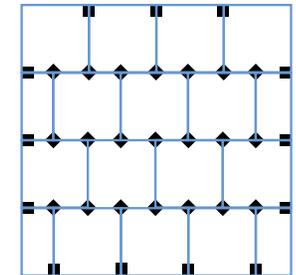
No matter which layout is chosen, carpet clips can be used. Once you have found your starting place, square lines must be drawn on the floor. The first clip must be turned on a 45 degree angle starting dead center of your perpendicular

lines. Follow the score lines on the clip to keep tile square on the clip. On all the lines being used to keep your modular floor true, the peel and stick fiber resin on the back of the tile clips must be used to secure the trueness of the floor. Note that the main body of the install has the option of the peel and stick. Edge clips do not need to be turned on a 45 degree angle.



Monolithic, Quarter Turn and Multi-Directional

Blue lines represent carpet tile edges. Black diamonds/squares represent clips



Brick and Ashlar

Brick/Ashlar installations use approximately 35% more clips

STEP 4

Installing the Tiles:

To secure the tiles to the clips, place all adjoining corners of the tiles on the clip and press down with your thumb. Make sure the pins have penetrated the backing fully and then tap the tiles down with a white rubber mallet at the same angle as the protruding pins until pressed flush with the metal plate. Once this has been achieved, continue with application until installation is complete.