



pathfindersystems

Pathfinder Systems Australia Pty
Ltd

Tactile mat installation procedure

Important notice: Installation procedures must be adhered to.

IMPORTANT NOTICE

Please read carefully prior to installation of tactiles:

Epoxy mix primer can be applied to damp surfaces.

All surfaces MUST be clean and free of contaminants.

ONLY use alcohol for cleaning surfaces.

All surfaces MUST be free of any dust, and dirt.

Newly laid concrete or bitumen must have cured for a minimum period of at least 3 weeks.

All expansion gaps, grooves or holes must be filled with rapid-dry cement or liquid nails prior to installation of tiles.

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CONCRETE Substrate (Indoor)

1. Mark out the area to be tiled using a straight edge, pencil and square.
2. PREPARE THE SURFACE AREA. It must be clean, vacuumed free of dirt and dust. For new smooth concrete, thoroughly clean the area with a clean cloth and ACETONE. Then allow to dry completely.
3. For rough concrete lightly sand the area first, then remove ALL dust and debris with a vacuum before cleaning with ACETONE. POOR ADHESION WILL OCCUR IF THE AREA IS NOT CLEANED PROPERLY.
4. Apply a very thin coat of Epoxymix primer to area with flat trowel. (400ml = 2.25 sq mts). To fasten cure, apply hot air with hand held air gun. When surface gets tacky, it's ready to have tiles installed. Epoxymix primer can be applied to damp surfaces.
5. Peel off the backing sheet from the tile. Lay the tiles to the marked lines, ensuring they are square. When in place, use a flat piece of timber and hammer the tiles down. The surface can now be walked on.

CONCRETE Substrate (Outdoor)

(New concrete must be cured for a minimum of 30 Days).

1. Mark out the area to be tiled using a straight edge, pencil and square.
2. Prepare the surface area. It must be FREE OF DIRT AND DUST. IT SHOULD BE AS FLAT AS POSSIBLE WITHOUT ANY RAISED OBSTRUCTIONS. If necessary, use a sander with the appropriate sheet or disc to scour the surface. Remove ALL dust and debris with a Leaf Blower. POOR ADHESION WILL OCCUR IF THE AREA IS NOT CLEANED PROPERLY.
3. If the concrete has been pre-sealed, the surface will require a light sanding to etch the existing sealer.
4. Fill any expansion joints and holes with a rapid set cement or similar masonry filler and allow to dry.
5. Apply masking tape along the lines on the outer side of the area to be tiled.
6. Apply a very thin coat of Epoxymix primer to area with flat trowel. (400ml = 2.25 sq mts). To fasten cure, apply hot air with hand held air gun. When surface gets tacky, it's ready to have tiles installed. Epoxymix primer can be *applied to damp surfaces.*
7. Remove the masking tape before primer is dry.
8. Peel off the backing sheet from the tile. Lay the tiles to the marked lines, ensuring they are square. Leave a 2 mm gap between each tile. When in place, use a flat piece of timber and hammer the tiles down. The surface can now be walked on.

EXPOSED AGGREGATE Substrate

(Concrete must be cured for a minimum of 21 Days).

1. Mark out the area to be tiled using a straight edge, pencil and square.
2. Prepare the surface area. In necessary, use a Masonry or Diamond Grinder to smooth the surface.

It must be:

FREE OF DIRT AND DUST. IT SHOULD BE AS FLAT AS POSSIBLE WITHOUT ANY RAISED OBSTRUCTIONS. REMOVE ALL DUST AND DEBRIS. POOR ADHESION WILL OCCUR IF THE AREA IS NOT CLEANED PROPERLY.

3. Fill any expansion joints and holes with a rapid set cement or a similar masonry filler and allow to dry.
4. Apply masking tape along the lines on the outer side of the area to be tiled.
5. Apply a very thin coat of Epoxymix primer to area with flat trowel. (400ml = 2.25 sq mts) To fasten cure, apply hot air with hand held air gun over the surface. When surface gets tacky, it's ready to have tiles installed. Epoxymix primer can be applied to damp surfaces.
6. Remove masking tape before primer is dry.
7. Peel off the backing sheet from the tile. Lay the tiles to the marked lines, ensuring they are square. Leave a 2 mm gap between each tile. When in place, use a flat piece of timber and hammer the tiles down. The surface can now be walked on.

BRICK PAVERS Substrate

1. Mark out the area to be tiled using a straight edge, pencil and square.
2. Prepare the surface area. It must be FREE OF DIRT AND DUST. IT SHOULD BE AS FLAT AS POSSIBLE WITHOUT ANY RAISED OBSTRUCTIONS OR UNDULATIONS. If necessary, use a diamond grinder to level the surface. Remove ALL dust and debris. POOR ADHESION WILL OCCUR IF THE AREA IS NOT CLEANED PROPERLY.
3. If the pavers have been pre-sealed, the surface will require a light sanding to etch the sealer.
4. Apply masking tape along the lines on the outer side of the area to be tiled.
5. If the bricks have bevelled or uneven edges the gaps must be filled with a rapid set cement or a similar masonry filler and trowelled flat. Remove masking tape before filler is dry.
6. Once dry, re-apply masking tape along the lines on the outer side of the area to be tiled.
7. Apply a very thin coat of Epoxymix primer to area with flat trowel. (400ml = 2.25 sq mts) To fasten cure, apply hot air with hand held air gun. When surface is tacky, it's ready to have tiles installed. Epoxymix primer can be *applied to damp surfaces.*
8. Remove the masking tape before primer is dry.
9. Peel off the backing sheet from the tile. Lay the tiles to the marked lines, ensuring they are square. Leave a 2 mm gap between each tile. When in place, use a flat piece of timber and hammer the tiles down. The surface can now be walked on.

BITUMEN Substrate (Smooth Surface)

(Bitumen must be cured for a minimum of 21 Days).

1. Mark out the area to be tiled using a straight edge, pencil and square.
2. Prepare the surface by grinding the area with as a diamond grinder disc. Remove ALL dust and debris. POOR ADHESION WILL OCCUR IF THE AREA IS NOT CLEANED PROPERLY.
3. Apply masking tape along the lines on the outer side of the area to be tiled.
4. Apply a very thin and even coat of Epoxymix primer to area with flat trowel. (400ml = 2.25 sq mts). To fasten cure, apply hot air with hand held air gun. When surface gets tacky, it's ready to have tiles installed. Epoxymix primer can be applied to damp surfaces.
5. Peel off the backing sheet from the tile. Lay the tiles to the marked lines, ensuring they are square. Leave a 2 mm gap between each tile. When in place, use a flat piece of wood and hammer the tiles down. Tiles can now be walked on.

BITUMEN Substrate (Rough Surface)

(Asphalt must be cured for a minimum of 21 Days).

1. Mark out the area to be tiled using a straight edge, pencil and square.
2. Prepare the surface area by grinding the surface with a diamond grinding disc for best results.
3. Apply masking tape along the lines on the outer side of the area to be tiled.
4. Apply a very thin and even coat of Epoxymix primer to area with flat trowel. (400ml = 2.25 sq mts) To fasten cure, apply hot air with hand held air gun. When surface gets tacky, it's ready to have tiles installed. Epoxymix primer can be *applied to damp surfaces.*
5. Peel off the backing sheet from the tile. Lay the tiles to the marked lines, ensuring they are square. Leave a 2 mm gap between each tile. When in place, use a flat piece of timber and hammer the tiles down. The surface can now be walked on.

TIMBER Substrate (Indoor) – NO PRIMER REQUIRED

1. Mark out the area to be tiled using a straight edge, pencil and square.

2. Prepare the surface area. Generally, Internal Timber floors are sealed with a polyurethane coating. It is best to wait for this process to be completed before applying tiles. Once floor coating has been applied and cured, clean surface with a clean cloth prior to fitting tiles. **POOR ADHESION WILL OCCUR IF THE AREA IS NOT CLEANED PROPERLY AND COMPLETELY DRY.**

3. Peel off the backing sheet from the tile. Lay the tiles to the marked lines, ensuring they are square. . When in place, use a flat piece of timber and hammer the tiles down. The surface can now be walked on.

TIMBER Substrate (Outdoor)

1. Mark out the area to be tiled using a straight edge, pencil and square.
2. Prepare the surface area. It must be FREE FROM SEALERS, OILS, DIRT AND DUST. IF TIMBER IS SEALED OR OILED, THE PROPOSED TILED AREA MUST BE WELL SANDED.
3. First, use a clean cloth with ACETONE to wipe the surface and allow to dry completely. POOR ADHESION WILL OCCUR IF THE AREA IS NOT CLEANED PROPERLY.
4. Apply a very thin and even coat of Epoxymix primer to area with flat trowel. (400ml = 2.25 sq mts) To fasten cure, apply hot air with hand held air gun. When surface gets tacky, it's ready to have tiles installed. Epoxymix primer can be *applied to damp surfaces.*
5. Remove masking when primer is dry
6. Peel off the backing sheet from the tile. Lay the tiles to the marked lines, ensuring they are square. Leave a 2 mm gap between each tile. When in place use a flat piece of timber and hammer the tiles down. The surface can now be walked on.

CARPET WITH U/LAY Substrate.....

1. Mark out the area to be tiled using a straight edge, pencil and square.
2. Measure height of carpet, the tactile mat may have to be raised to matching level of carpet using a timber/Cement fibro sheet secured to the substrate.
3. Apply a very thin and even coat of Epoxymix primer to area with flat trowel. (400ml = 2.25 sq mts) To fasten cure, apply hot air with hand held air gun. When surface gets tacky, it's ready to have tiles installed. Epoxymix primer can be *applied to damp surfaces.*
4. Peel off the backing sheet from the tile. Lay the tiles to the marked lines, ensuring they are square. When in place, use a flat piece of timber and hammer the tiles down. The surface can now be walked on.

CARPET Substrate (Direct Stick Installation)

1. Mark out the area to be tiled using a straight edge, pencil and square.
2. Clean and vacuum substrate area.
IT MUST BE VACUUMED FREE OF DIRT AND DUST.
3. Apply a very thin and even coat of Epoxymix primer to area with flat trowel. (400ml = 2.25 sq mts) To fasten cure, apply hot air with hand held air gun. When surface gets tacky, it's ready to have tiles installed. Epoxymix primer can be *applied to damp surfaces.*
4. Peel off the backing sheet from the tile. Lay the tiles to the marked lines, ensuring they are square. When in place, use a flat piece of timber and hammer the tiles down. The surface can now be walked on. Cut carpet around tiles and fix a metal trim.

VINYL, CERAMIC & STONE Substrates – NO PRIMER REQUIRED

1. Mark out the area to be tiled using a straight edge, pencil and square.

2. Prepare the surface area. It must be;
 - No Primer required
 - Dry and Dust free. Vacuum the entire area
 - It should be smooth and flat as possible.
 - Use a clean cloth with alcohol and wipe down surface, allow to dry.

POOR ADHESION WILL OCCUR IF THE AREA IS NOT CLEANED PROPERLY.

3. Peel off the backing sheet from the tile. Lay the tiles to the marked lines, ensuring they are square. When in place, use a flat piece of timber and hammer the tiles down. The surface can now be walked on.

If you have any further inquiries regarding the installation instructions, please contact one of our agents or head office

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