



ABDEFENDER® RUBBER TILE FLOOR

INSTALLATION INSTRUCTIONS

For proper installation of all American Biltrite flooring, you will need the following documentation:

- [Floor Preparation](#)
- [Adhesive Quick Check Chart](#)
- **Adhesive Technical Data Sheet**

Follow the [Floor Preparation](#) document for specific instructions concerning site conditions, subfloor preparation and moisture testing.

REMOVAL OF OLD FLOORING

Warning: Do not sand, dry sweep, dry scrape, drill, saw, bead blast, mechanically chip or pulverize existing resilient flooring, backing, felt lining, paint, asphaltic cutback adhesives or other adhesives. These products may contain asbestos fibers or crystalline silica. Regulations may require that material be tested to determine asbestos content. Consult the Resilient Floor Covering Institute's (RFCI's) recommendations for removal of existing resilient floor coverings. Avoid creating dust as inhalation increases the risk of cancer and respiratory diseases. Smokers exposed to asbestos fibers are at greater risk of serious bodily harm. Unless certain that the product is asbestos-free, assume that it contains asbestos.

PRODUCT LIMITATIONS

1. For interior use only.
2. ABDefender must not be installed outdoor or in areas with no temperature control.
3. ABDefender must not be installed in a closed area that is directly exposed to sunlight and where temperature will rise excessively, that is, above 38°C (100°F).
4. Use only at temperatures between 55°F and 100°F (13°C and 38°C) as per ASTM F1482 and a relative humidity between 40 and 60%.

ADHESIVE SYSTEMS

1. The use of the proper adhesive is critical for a successful end result. American Biltrite will only guarantee its flooring products with recommended adhesives as defined in the [Adhesive Quick Check Chart](#).
2. Whenever working with two-part adhesives, the use of a kneeboard is required to prevent adhesive displacement or working off the flooring.
3. Clean spills on surface and/or joints as well as tools promptly using soapy water, rubbing alcohol, denatured alcohol or methyl hydrate. Mineral spirits are to be avoided.
4. Do not reuse container. Dispose of containers and adhesive in accordance with federal, provincial/state and local waste disposal regulations.



ABDEFENDER® RUBBER TILE FLOOR

INSTALLATION INSTRUCTIONS

5. If there is any doubt about which adhesive to use, contact American Biltrite or its distributors for additional information.

INSTALLATION

1. First locate the center of the room and pattern square using the 3-4-5 squaring method.
2. Balance the layout to the size of the tiles to be installed so a minimum of 1/3 of a tile forms border perimeter.
3. Transcribe the pattern square and draw a chalk line at the starting point of the installation.
4. Apply adhesive to the subfloor and allow for proper open time. Open and working times are dependent on the ambient temperature, humidity, air movement as well as subfloor temperature. It is the responsibility of the flooring contractor to adjust installation in accordance to the open and working time of the adhesive to jobsite conditions.
5. If directional arrows are present on the back, lay tiles with arrows pointing in the same direction.
6. Tiles should be lightly butted together when they are laid into the adhesive. Do not force them together and avoid sliding them as this will result in adhesive displacement into the seam.
7. During installation always make sure proper adhesive transfer is achieved.
8. Roll flooring in both directions with a 45 kg (100 lb.) three-section roller to enhance adhesive transfer; use a small hand roller in difficult-to-reach areas.
9. Immediately clean any adhesive spills on tile surface or in seams.
10. Prior to traffic, allow proper adhesive curing time based on the Adhesive Technical Data Sheet.

FLOOR PROTECTION AND INITIAL MAINTENANCE

1. Following installation and cleanup of the tiles, protect it by laying sheets of non-staining brown Kraft paper over the flooring and then a layer of plywood sheets (rolls of heavy non-staining cardboard material could also be used for protection). Leave in position until the work of all other trades has been completed.
2. Prior to maintenance, allow proper adhesive curing time based on Adhesive Technical Data Sheet.
3. Do not, at any time during the initial maintenance or thereafter, flood the floor with water or maintenance solutions.
4. Refer to product-specific [Maintenance Instructions](#) for details.

Please note that technical web site documents prevail.

