



ABPURE® with Nfuse Technology - Imagine RUBBER SHEET FLOOR

INSTALLATION INSTRUCTIONS

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

- [Floor Preparation](#)
- [Adhesive Quick Check Chart](#)
- **Adhesive's 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. ABPURE must not be installed outdoor or in areas with no temperature control.
3. ABPURE 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 Bilrite 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 promptly on surface and/or joints as well as tools with soapy water, rubbing alcohol, denatured alcohol, or methyl hydrate. Mineral spirits are to be avoided.



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4. Do not reuse container. Dispose of container and adhesive in accordance with federal, provincial/state and local waste disposal regulations.
5. If there is any doubt about which adhesive to use, contact American Biltrite or its distributors for additional information.

INSTALLATION GUIDELINES

1. Measure the area and allow approximately 5-8 cm (2-3") extra to run up the wall. Cut the required amount from the roll of ABPURE® Sheet Rubber.
2. Lay it on the floor and center it.
3. Push the first sheet against the wall and pattern scribe the shape of the wall 13 mm (½") into the roll.
4. Using a sharp hooked knife, trim the excess scribed material from the piece.
5. Position the trimmed piece against the wall and trim 13 mm (½") from the opposite (salvage) edge using an edge trimmer or sharp knife and steel edge ruler.
6. Cut the next length.
7. Reverse sheet in cases of non-directional patterns.
8. Position the second sheet between 13-25 mm (½" to 1") over the previous sheet's seam and trim off 13 mm (½") from the opposite (salvage) edge.
9. Repeat this procedure until there are enough pieces to install in a day.
10. Use a chalk line to snap a line indicating the area where the adhesive is to be spread.
11. Spread the adhesive on the area under the first length of rubber. Follow the application instructions outlined in the Adhesive's Technical Data Sheet. Do not spread the adhesive outside the chalk line.
12. Lay the first length into the adhesive taking into consideration the instructions regarding open time found in the Adhesive's Technical Data Sheet.
13. Immediately roll the flooring in both directions with a 45 kg (100 lb) sectional roller to enhance adhesive transfer. Use a small hand roller in difficult-to-reach areas.
14. Seams: after rolling the second length, under scribe the overlap and trim with a sharp knife and roll edges using a hand roller. For heat welding, a 0.15 mm (1/64") to a maximum of 0.3 mm (1/32") spacing is required for the grooving tools. If a chemical welding is preferred, a net fit is required.
15. Repeat steps 10 to 14 for the remainder of the installation.
16. Prior to traffic, allow proper adhesive curing time based on Adhesive's Technical Data Sheet.

Note: ABPURE® Sheet Rubber is always rolled with the finished surface exposed. If cut rolls must be re-rolled for storage, the top must be visible.



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EZ-TACK INSTALLATION GUIDELINES

1. It is mandatory to use ES-P primer with the EZ-Tack system. A bond test is required to verify that the ES-P is well adhered to the concrete, test 0.1 sq. m per 93 sq. m (1 sq. ft per 1,000 sq. ft), let dry and use a scrapper to evaluate bonding).
2. Use a 10 mm (3/8") nap roller and paint tray. Do not pour the ES-P directly on the substrate. Pouring directly on the subfloor will create ridges and puddles, and then require mechanical removal and reapplication.
3. Apply a very thin even layer of ES-P primer.
4. For areas that are being flash coved, apply a thin and even coat to the wall beneath the cap strip (flash cove) using a 7.5 cm (3") nap roller.
5. Allow to fully dry between coats. Apply a second coat if RH values are above 90%.
6. Installation of the EZ-Tack system must be completed within 72 hours after primer is fully dry.
7. Follow sheet installation guidelines, sections 1-9, for sheet layout.
8. Fold back a workable section of the flooring (normally half of the roll) over itself. Then, carefully vacuum the exposed subfloor removing any loose contaminants or debris.
9. Remove protective film from the sheet backing that is being installed.
10. Reposition the sheet and roll with a three-section 45 kg (100 lb.) roller. Use a small hand roller in difficult-to-reach areas.
11. Repeat this process for the opposite half of the roll and all flooring laid out.
12. Note: Do not allow material backing to come into contact with itself. If this occurs, the adhesive cannot be easily separated, and the flooring might be damaged.
13. Seams: under scribe the overlap and trim with a sharp knife and roll edges using a hand roller. For heat welding, a 0.15 mm (1/64") to a maximum of 0.3 mm (1/32") spacing is required for the grooving tools. If a chemical welding is preferred, a net fit is required.
14. With the EZ-Tack system, light to heavy traffic is allowed immediately after the installation.

HEAT WELDING

1. Prior to heat welding, ensure that the adhesive cure time has been respected. Set the depth of the mechanical groover to 2/3 of the sheet rubber thickness. Test this on a piece of scrap material. If a hand grooving tool is being used, ensure that the depth is kept consistent and the blade sharp.
2. Groove all seams with a mechanical groover. Make sure both sides of the grooves are symmetrical. Hand groove areas that are hard to reach, such as close to the walls. A grooving tool with a guide is recommended.
3. Clean all grooves and the general area of dust and debris.
4. Preheat a variable heat-welding gun to the correct temperature. We recommend that you practice welding on a scrap piece that has been grooved.
5. Cut a length of ABPURE® welding rod sufficient to weld the required length plus 30 cm (12") extra.



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6. Weld the seam next to the wall. Apply slight pressure to the gun to help force the melted rod into the groove. Adjust the application speed as required.
7. Apply a mixture of one-part liquid soap to ten parts water to the welding rod and 25 mm (1") either side of the seam to help lubricate the trim plate while trimming.
8. First trimming, with trim plate, needs to be completed while the welding rod is still warm to remove the excess welding rod. For the second or finishing trim, the welding rod must be completely cool to prevent a concave appearance.
9. Clean the area with a brush or vacuum.
10. Light traffic is allowed immediately after the installation– see Adhesive's Technical Data Sheet.

CHEMICAL WELDING

1. Chemical welding needs to be performed prior to the adhesive curing.
2. Fold back one piece at the seam lengthwise.
3. Remove approximately 3 mm (1/8") of adhesive in front of remaining sheet on the floor with the edge of a spatula or knife.
4. Use the chemical weld applicator to apply a bead of chemical sealer along the edge of the piece on the subfloor.
5. Reposition the folded piece of flooring back into place making certain that both edges are coated with seam sealer.
6. Use a 45 kg (100 lb.) sectional roller to roll the repositioned folded back material being careful not to touch the seam.
7. Clean off any excess sealer that has squeezed up using a damp cloth with recommended cleaning products as per technical data sheet before the seam sealer dries.
8. Hand-roll the seams.
9. Repeat the procedure until the area is completely covered.
10. Keep all traffic off the floor – see Adhesive's Technical Data Sheet.

FLASH COVING

1. Before proceeding, make sure the subfloor and wall are suitably prepared for flooring to wall installation.
2. Install the cove cap to the wall at the required height from the floor. Depending on the cap system, this can be either installed with adhesive or nails/staples.
3. A cove filler strip should be installed at the wall and floor intersection.
4. Use either a pattern form or template to cut the inside and outside corner of the wall section pieces of sheet rubber.
5. Apply the recommended adhesive as per the [Adhesive Quick Check Chart](#) to the subfloor.



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6. Lay the flooring into the adhesive up to the cove filler strip at the wall intersection. Immediately roll the flooring with a 45 kg (100 lb) sectional roller to enhance adhesive transfer.
7. Apply the adhesive to the wall section.
8. Press the flooring up the wall.
9. Position the flooring into the cove cap and roll with a hand roller.
10. Make any final trims and adjustments to the cove and corners then roll again.
11. The seams and edges of the inside and outside corners can be sealed using one of the following methods: heat welding, chemical welding, or Color Rite caulking system. Color Rite caulking can be obtained directly from Color Rite customer service. Call: 405-354-3644.

FLOOR PROTECTION AND INITIAL MAINTENANCE

1. Following installation and cleanup of the flooring, 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's 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.

