



REMEDIATION SYSTEMS

FOR ALL AMERICAN BILTRITE FLOORING PRODUCTS

The following document addresses how to correct issues related to subfloor conditions that are outside American Biltrite specifications outlined in the “Floor Preparation” document, the “Adhesive Quick Check Chart” document and in the different “Product Installation” documents. In all cases, a vapor barrier/membrane in good condition must have been installed under on/below ground subfloors.

The remediation systems described in this document were tested and qualified for American Biltrite Flooring products; it is however the responsibility of the flooring contractor to choose the right remediation system that addresses the site conditions, and to use the system as per the manufacturer’s specifications.

There are similar remediation systems sold by other manufacturers, but if a product different than the ones listed in this document is selected, it is the responsibility of the flooring contractor to make sure it is a true equivalent and will perform satisfactorily, as it might not have been tested with American Biltrite products.

For all situations described hereunder, an adhesion test is mandatory to ensure the proper performance of the system.

HIGH MOISTURE CONDITIONS

1. Subfloor must be tested for moisture and pH as described in the product installation documents, and must meet the specification.
2. If moisture is higher than the recommended limit of the installation instructions, up to but not exceeding 8 lbs (Calcium Chloride test), and up to 90% RH, the recommended remediation system is “Planiseal Easy”; the product description can be found at:
 - a. In Canada: [Planiseal Easy Can](#)
 - b. In USA: [Planiseal Easy USA](#)
3. If moisture is higher than 8 lbs (Calcium Chloride), up to but not exceeding 12 lbs, and up to 90% RH, the recommended remediation system is “Planiprep SA” followed by “Planiprep ET”; the product description can be found at:
 - a. In Canada: [Planiprep AR SA & ET Can](#)
 - b. In USA: [Planiprep AR SA & ET USA](#)
4. If moisture is higher than 12 lbs (Calcium Chloride), up to but not exceeding 25 lbs, and higher than 90% RH, the recommended remediation system is “Planiseal VS” ; the product description can be found at:
 - a. In Canada: [Planiseal VS Can](#)
 - b. In USA: [Planiseal VS USA](#)



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5. American Biltrite two-part adhesive AD-535 can be used above 85% RH up to 100% RH, and above 5 lbs MVER up to 25 lbs MVER, as long as the skim coat Planiprep MRS is used; the product description can be found at:
 - a. In Canada: [Planiprep MRS](#)
 - b. In USA: [Planiprep MRS](#)

ADHESIVE MUST BE REMOVED FROM PREVIOUS FLOOR

1. Strip the concrete subfloor with "Planiprep AR"; the product description can be found at:
 - a. In Canada: [Planiprep AR SA & ET Can](#)
 - b. In USA: [Planiprep AR SA & ET USA](#)
2. Clean and neutralize the subfloor with "Planiprep SA"; the product description can be found at:
 - a. In Canada: [Planiprep AR SA & ET Can](#)
 - b. In USA: [Planiprep AR SA & ET USA](#)
3. Seal the subfloor with "Planiprep ET"; the product description can be found at:
 - a. In Canada: [Planiprep AR SA & ET Can](#)
 - b. In USA: [Planiprep AR SA & ET USA](#)

CHEMICAL ABATEMENT WAS PERFORMED ON SUBFLOOR

1. Before proceeding with the installation of a new resilient flooring product after an old one was removed, it is imperative to check if chemical abatement was performed to remove the old material; unfortunately there is no simple test to check for chemical abatement, aside from looking for a characteristic solvent smell; different systems are available on the market, based on different chemicals, so the smell could be different depending on the system used.
2. Clean and neutralize the subfloor with "Planiprep SA"; the product description can be found at:
 - a. In Canada: [Planiprep AR SA & ET Can](#)
 - b. In USA: [Planiprep AR SA & ET USA](#)
3. Seal the subfloor with "Planiprep ET"; the product description can be found at:
 - a. In Canada: [Planiprep AR SA & ET Can](#)
 - b. In USA: [Planiprep AR SA & ET USA](#)

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AMERICAN BILTRITE GYPSUM-BASED UNDERLAYMENTS AND PATCHES

American Biltrite approved gypsum-based underlayment and patches shall be covered with either Primer L™ or by the primer supported by the American Biltrite gypsum approved supplier: [Primer L](#)

SEALER OR CURING AGENTS WERE ADDED TO THE CONCRETE SUBFLOOR

1. The only safe way to check for sealer or curing agents on a concrete subfloor is to drill a core. However, putting a few drops of water on the surface of the subfloor will give a good indication, as normal porous subfloor will absorb the water quickly; on the other hand, a drop of water on sealed subfloor will take a round shape and stay there until it evaporates.
2. The surface must be sanded or shot blasted to create enough porosity to get the required adhesion level from the adhesive.
3. If needed, the subfloor surface can be levelled and repaired with “Planipatch/Planipatch Plus”; the product description can be found at:
 - a. In Canada: [Planipatch Can](#) ; [Planipatch Plus Can](#)
 - b. In USA: [Planipatch USA](#) ; [Planipatch Plus USA](#)

Please note that technical web site documents prevail.