

IMPERVIO™ ADVENTURE AND LUX HAUS ENGINEERED WATERPROOF FLOORING

The products Adventure and Lux Haus from the Impervio™ line are part of the newest introduction into the Beaulieu® product offerings. These Engineered Waterproof Floorings (EWF) have a waterproof vinyl layer with a UV cured Acrylic Polyurethane finish and a waterproof core both made from virgin PVC, as well as an attached cork underlayment (see image below). The attached cork adds a great feel underfoot and better sound ratings when compared to similar products without the attached cork. These products offer the latest styling in hard surface flooring with the most recent innovations and technologies.

Cork comes from the bark of the Cork Oak tree. It is noted for being light weight, resilient and water resistant making it a great choice as an attached underlayment. Because of its resiliency cork conforms to minor subfloor imperfections without altering the integrity of the flooring. Thus, slight subfloor imperfections are not a problem. Cork has been used as far back as ancient Greece as fishing net floats, sandals and bottle stoppers. Today most people are familiar with cork's use in bottle stoppers but it can also be found in life preservers, and buoys. Other usages of cork byproducts are insulation, fishing floats, fishing rods, flooring, gaskets, dartboards, bulletin boards and the core of golf balls and baseballs.

The composition of the attached underlayment includes cork chips which are combined with a non-porous binder such as polyurethane adhesive or waterborne cold glue, and a green dye. The dye is added to the cork chip for aesthetics only and product identification. Once the components have been combined, they are formed into a cylinder-shaped roll that is then cured. After curing, the roll is cut into sheets for use as the attached underlayment. The underlayment is next adhered to the back of the Impervio™ flooring using a hot melt adhesive. The binders used offer similar characteristics as the cork; they offer elasticity and are water resistant. There are no harmful additives used in these products.

While the Impervio™ line of products is waterproof, it should be noted that if the flooring is exposed to extended periods of moisture (i.e. flooding, leaks, etc.), it is recommended that the flooring be carefully taken up so as not to damage the locks, and further, so that the flooring and the subfloor can be thoroughly dried. The flooring will not be affected by moisture; however, moisture left unchecked on the subfloor can affect the surrounding structure.

Adventure and Lux Haus meet the FloorScore Certification which meets the indoor air quality emissions criteria of LEED, CHPS, and the Green Guide for Health Care and are recognized by a long list of healthy building programs. FloorScore Certification was developed by the Resilient Floor Covering Institute (RFCI) with SCS, who is the exclusive third party certification body for the FloorScore program. More information about FloorScore can be found at www.scsglobalservices.com/floorscore.

