

ACCUSEAL® FINISH MATERIAL SHEET

FINISHING PROCESS

Ten coats of UV-cured urethane with aluminum oxide and waterborne primer are applied to the sanded surface to give a stain resistant, abrasion resistant, and moisture resistant finish that is easy to maintain. Aluminum Oxide particles are suspended in the urethane layering to increase abrasion and scratch resistance.

PHYSICAL PROPERTIES

Base Resin: 100% Solids UV-Cured Urethane.

Volatile Organic Compounds: Negligible.

Minerals: Aluminum Oxide

Coating Thickness: 2.5 – 3.5 mils.

Coating Make-up: See our Accuseal layering chart at <http://www.ambientbp.com/best-bamboo-flooring-finish.php>

Gloss: 20-25 degree gradient (matte)

Taber Abrasion ASTM D4060 CS-17 Wheel:

Strand Woven: Initial Wear Through: 9,000 cycles, Average Wear Through = 14,000 cycles, Wear Rate (Cycles per .001 Inch): 3,043

Classic: Initial Wear Through: 25,000 cycles, Average Wear Through = 26,500 cycles, Wear Rate (Cycles per .001 Inch): 7,162

Finish Warranty: Wear Through: Residential: Lifetime. Commercial: 7 years.

Refinishing: We recommend Tykote® Dustless Recoating System by Basic Coatings

FAQS

What is Acrylic-urethane?

This finish is slightly different chemically than polyurethane, but it imparts the same benefits, namely a lasting bond to the wood and tough finish that provides superior abrasion resistance.

What is UV-cured flooring?

A floor that is UV-cured simply means that the coating applied is hardened using ultra violet light instead of heat. It's common in the flooring industry and other industries such as automotive, graphics, instruments, furniture, pool cue

manufacturing and other wood craft industries. This method of curing the finish also reduces off gassing, making it safer for the factory workers as well as the end user.

What is Aluminum-Oxide?

Aluminum oxide typically refers to a layer of micro chips made of metal that is added to high-end wood floors that greatly increases the longevity of the finish. Adding this layer to the finish process results in extremely high abrasion resistance, which is why our flooring is used in so many retail locations like restaurants and fitness centers. Despite the ominous sounding name, this layer is not hazardous, as all of our floors meet the CARB Phase 2 Indoor Air Standard, which is the most strict in the world.

Benefits of a UV-cured aluminum-oxide acrylic urethane finish

As mentioned above, the key benefit to this finish type is its longevity and toughness. Our floors can go for decades without being refinished. This premium finish holds up well to water droplets, and surface scratches will buff out over time just from walking on them.

If you have any questions about the finishes used in our products don't hesitate to contact us 1 (877) 710-7070 or email us at info@ambientbp.com