

transaction surfaces

definition

A transaction surface is a horizontal surface used in commercial applications such as reception surfaces, bar tops, displays, transaction surfaces and other horizontal areas where some activity is performed. Tabletops may be considered a type of transaction surface. (Commercial food preparation areas usually require that the finish be NSF approved. Local codes may vary.)

kitchen/bath countertops

Environ does not currently warranty any residential and/or commercial kitchen/bath applications.

sealing

Dakota Burl™ and BIOFIBER™ Wheat work similar to wood and thus need to be sealed and finished like wood. For most horizontal applications a full-filled look with superior hardness and scratch resistance is desirable. A sanding sealer or past filler should be used to achieve a smooth surface. Sand the sealer or filler with a 220-grit paper until smooth. Multiple coats of sealer may reduce the amount of top-coats or build coats needed.

finishing

Dakota Burl™ and BIOFIBER™ Wheat work similar to wood and thus need to be finished similar to wood. For transaction surfaces there are a limited number of finishes that yield acceptable performance. Catalyzed polyurethane and catalyzed polyesters have exhibited the best performance due to their high degree of hardness, durability and stain resistance. These catalyzed finishes are available

through your finish distributor or through other wood finishing companies. Other wood finishes, such as lacquers, are not recommended for transaction surfaces because they do not have appropriate hardness, stain resistance, protection from water and can chip easily.

The recommended finishes are high solids, high build finishes that, when applied correctly, can be easily repaired and maintained. These finishes are resistant to most standard cleaners and polishes. If the surface becomes lightly scratched, the surface can be wet-sanded or Scotchbrite can be used to take out the scratches.

A buffing compound with a buffing wheel or Scotchbrite can be used to bring back the surface gloss level required. For best results see finish manufacturer's recommendations for repair.

Gloss level is an important part of any surface. Generally, the higher the gloss, the more likely you are to see scratches. It doesn't mean that it physically is easier to scratch, but it is optically enhanced. Also, darker colors tend to show scratches more readily.