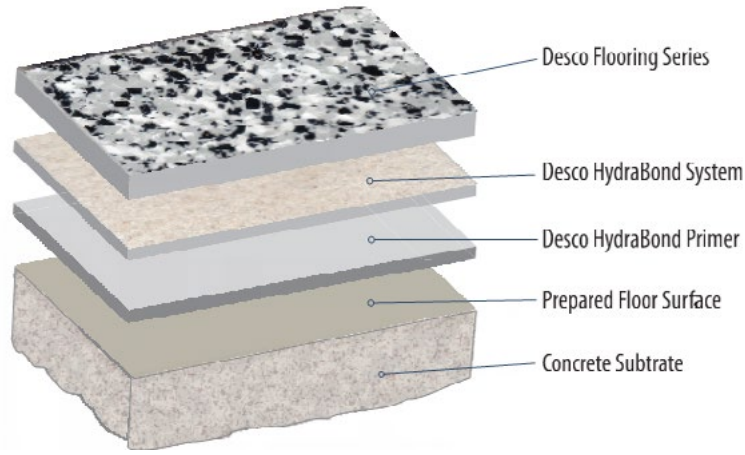


HYDRABOND



DESCO

DESCO HYDRABOND gives you the confidence to specify a flooring system UNAFFECTED by rapid construction and fresh concrete. **Desco HydraBond** systems can be placed over concrete as new as three days old. Desco HydraBond is NOT dependent on Moisture Vapor Transmission readings! **Desco HydraBond** reduces the passage of water vapor and moisture through slabs on, above or below grade, thus eliminating delamination and blistering of resin floor systems, epoxy terrazzo, coatings and other floor systems. Contact your Desco approved applicator for further details.

KEY ADVANTAGES

- No vapor barrier is required under concrete slabs
- Application can proceed without the need for moisture vapor readings
- Low VOC, water based
- High moisture tolerance
- Compatible with Desco flooring systems
- Does not support mold

PHYSICAL PROPERTIES

Material	2-component epoxy	Adhesion To:	
Density	12.70 lbs/gallon	-New concrete (5 days)	110 psi
VOC Content, Mixed	< 1 g/L	-Moist concrete (28 days)	550 psi
Volume Solids.....	59%	-Dry concrete (28 days)	580 psi
Flash Point: Part A	>212°F	Temperature Resistance:	
Part B	170 °F	a)Continuous:	
Full Cure & Max. Resistance	7 days	-Dry heat.....	140°F (60°C)
Hardness, Shore D		- Humid	113°F (45°C)
ASTM-D-2240	70-75	b)Intermittent:	
Compressive Strength		- High pressure water	185°F (85°C)
ASTM-C- 579.....	6500 psi	-Dry heat	149-185°F (65-85°C)
Flexural Strength			
ASTM-C-580	2100 psi		

SYSTEM FINISH

It is always recommended that HydroBond be overcoated with a Desco finished floor system. A mandatory period of 18-24 hours is required before overcoating.

SITE CONSIDERATIONS

- Substrate temperature must be a minimum of 50°F.
- Substrate must be free of dirt, waxes, curing agents, and other foreign materials.
- Must be installed at recommended coverage for use with moisture sensitive floor coverings.

APPLICATION

SURFACE PREPARATION

All substrates must be properly prepared as outlined. Work must be performed by Desco trained or experienced resin flooring or epoxy terrazzo contractors. Consult with Desco Coatings, Inc. regarding any questions. Shot concrete slabs to create a coarse texture surface profile minimum CSP-3. Edges may be diamond ground.

INSTALLATION

HOW DOES HYDRABOND WORK?

HydraBond is not affected by high levels of metasilicates (concrete densifiers). With proven Reservoir Technology HydraBond's porosity creates void "reservoirs" during initial cure. These interstitial voids attract and disperse vapor. Vapors then move away from the osmotic membrane (concrete to polymer interface). HydraBond's Reservoir Technology removes the key component of the osmotic cell which causes blistering of floor coatings.

FINE PRINT LIMITATION BY OTHERS

- An effective vapor barrier must be in place under concrete slab or warranty is voided.
- Moisture vapor readings must be taken every 1,000 sq. ft. or warranty is voided.
- Moisture vapor readings must never build over 90% to 95% under installed flooring or warranty is voided.

MAINTENANCE

After completing the application of Desco HydraBond and the topcoats or floor system, the installer should provide the owner with maintenance instructions relevant to the specific topcoats or floor system. If floors become slippery due to animal fats, oil, grease, or soap film, clean and rinse thoroughly. Desco Coatings, Inc. can be contacted at 800-426-4164 for suggestions on recommendation to be considered by your design experts.

DESCO warrants its products to be free from defects in material and workmanship. DESCO's sole obligation and Buyer's exclusive remedy in connection with the products shall be limited, at DESCO's option, to either replacement of products not conforming to this warranty or credit to Buyer's account in the invoiced amount of the nonconforming products. Any claim under this Warranty must be made by Buyer to DESCO in writing within five days of Buyer's discovery of the claimed defect, but in no event later than the expiration of the applicable shelf life, or one year from the delivery date, whichever is earlier. Buyer's failure to notify DESCO of such nonconformance as required herein shall bar Buyer from recovery under this warranty.

Any recommendation or suggestion relating to the use of the products made by DESCO, whether in its technical literature, or in response to specific inquiry, or otherwise, is based on data believed to be reliable; however, the products and information are intended for use by Buyers having requisite skill and know-how in the industry, and therefore it is for the Buyer to satisfy itself of the suitability of the products for its own particular use, and it shall be deemed that Buyer has done so, at its sole discretion and risk. Variation in environment, changes in procedures of use, or extrapolation of data may cause unsatisfactory results. DESCO cannot guarantee that color will conform to sample, if provided.

DESCO makes no other warranties concerning this product. No other warranties, either expressed or implied, or statutory, such as warranties of merchantability or fitness for a particular purpose, shall apply. In no event shall DESCO be liable for consequential or incidental damages.