DUR-A-FLEX
INNOVATION FROM THE FLOOR UP

PRODUCT DATA SHEET

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ACCELERA HB

DESCRIPTION

ACCELERA HB is part of the ACCELERA family of fast-track, seamless floor systems. ACCELERA HB is a 100% solids hybrid floor system consisting of POLY-CRETE SL self-leveling cementitious urethane base coat with a flintshot quartz broadcast, an ACCELERA pigmented second flintshot quartz broadcast, and a pigmented ACCELERA topcoat. ACCELERA HB is UV stable and offers excellent stain resistance.

BENEFITS

- Fast application and cure time reduces installation time and disruption to operations
- High moisture tolerance – can be installed on 7 day old concrete
- Color stable
- Low odor
- 0 VOC
- CA 01350 Compliant
- Excellent chemical and stain Resistance
- Excellent wear characteristics

LIMITATIONS

This product is best suited for application in temperatures between 60°F and 85°F and jobsite relative humidity is 30% or higher. Use ACCELERA LH resin for applications where jobsite relative humidity level is between 10% and 30% to ensure consistent working and cure times. Please refer to the ACCELERA HB Application Instructions for a complete list of limitations.

CHEMICAL RESISTANCE

This product is resistant to many common chemicals. Please refer to the master Chemical Resistance Chart on our website for actual resistance to specific chemicals/reagents.

TYPICAL USES

- Restaurants
- Grocery
- Healthcare
- Pharmaceutical Mfg
- Retail

COLORS

ACCELERA HB flintshot quartz broadcast floor system is available in 12 solid colors. Please refer to ACCELERA Color Chart for more information.

PACKAGING & STORAGE CONDITIONS

POLY-CRETE SL is available in pre-measured kits that consist of resin, hardener and aggregate. ACCELERA is available in pre-measured kits. Each kit consists of a resin and a hardener. Kit coverage rate depends on the application - see spread rates below. A smaller kit (=1/3 Large Kit) is available for smaller areas and for top-coating cove. ACCELERA resin is available clear and in 12 standard colors. Refer to the ACCELERA Brochure for available colors. The shelf life is hardener: 6 months; resin: 12 months - from the date of manufacture in the original unopened container.

APPLICATION METHOD/SPREAD RATE

POLY-CRETE SL is applied to a properly prepared area at the required thickness using a "V" notched squeegee. The freshly placed material is then loop rolled into which flintshot is broadcast to excess. Coverage is approximately 55 square feet. Allow a minimum of 6 hours for the Base Coat to cure before sweeping, sanding or vacuuming. A second flintshot quartz broadcast is delivered into ACCELERA. ACCELERA is applied with a notched or 12" flat window squeegee followed by a cross roll using a 3/8" nap roller in accordance with the approximate spread rates as follows:

Base Coat w/Broadcast:	55 SF/Kit
2nd Broadcast Coat:	65 SF/Kit
Top Coat:	65 SF/Kit

NOTE: Above rates calculated using standard large kit and Dur-A-Flex aggregates. (Spread rates are the same for both ACCELERA and ACCELERA LH.)

"Warranties: Seller warrants that its goods, as described on the face hereof, are free from any defects in material or workmanship. **SELLER MAKES NO OTHER WARRANTY, EXPRESS OR IMPLIED, AND ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE HEREBY DISCLAIMED. SELLER SHALL NOT BE LIABLE FOR PROSPECTIVE PROFITS OR SPECIAL INDIRECT OR CONSEQUENTIAL DAMAGES.** Seller's sole liability and buyer's exclusive remedy for breach of any warranty as expressly limited, at seller's option, to replacement at the original F.O.B. point or refund of purchase price, but in no event will Seller's liability exceed the total purchase price of the defective product. Seller shall not be responsible for any claim resulting from failure to utilize product in the manner in which it was intended and in accordance with instruction provided for use of product. Any claim for breach of warranty shall be deemed waived unless buyer shall give seller written notice of such claim within sixty (60) days after delivery and shall allow seller reasonable opportunity to investigate claim and inspect product."

ACCELERA HB

PRODUCT PROPERTIES

Weight Solids, % (Resin/Hardener/Powder)	100%
Volatile Organic Compounds Content (VOC)	0 g/L
Compressive Strength (ASTM C579)	18,000 psi
Tensile Strength (ASTM D638)	2,600 psi
Service Temperature	Up to 200 degrees F
Taber Abrasion Resistance (ASTM D4060) ASTM D 4060, 1000g load, 1000 cycles, CS-17 wheel	27 mg
Coefficient of Friction (ASTM D2047)	>0.6
Shore D Hardness (ASTM D2240)	70
Gloss (ASTM D523) 60º	90
Pot Life at 70ºF, 50%RH Working Time at 70ºF ,50%RH Re-coat Window at 70ºF, 50%RH	7-10 minutes 10 minutes 16 hours
Foot Traffic (per coat): 80ºF, 50%RH(20%RH w/LH resin) 70ºF, 50%RH(20%RH w/LH resin) 60ºF, 50%RH(20%RH w/LH resin)	1.5 – 2 hours 2 – 2.5 hours 2.5 – 3 hours
Full Service	24 hours
Full Chemical Resistance	7 days

DRAWINGS AND DETAILS

Standard CAD drawings and details are available for coves, drains, breaches, transitions, etc. Please refer to the master Drawings and Details guide for actual drawings.

JOINT GUIDELINES

Refer to the Joint Guidelines on our website for complete details.

MOISTURE CONCERNS

Normal limits for moisture vapor transmission for ACCELERA HB floor systems are 20 lbs./1,000 sq. ft./24 hour using the calcium chloride test per ASTM F-1869 or 99% relative humidity using in-situ Relative Humidity Testing per ASTM F-2170. Please refer to the Floor Evaluation Guidelines at www.dur-a-flex.com for complete details.

CLEANING

This product is considered a low maintenance flooring solution, however, certain textures and service environments do require certain procedures. Please refer to the master Cleaning Guide on our website.

CAUTION

Follow the Hazardous Materials Identification System labeling guide for proper personal protective equipment to use when handling this product. Use only as directed. KEEP OUT OF REACH OF CHILDREN.

Before using any DUR-A-FLEX, Inc. product, be sure the Safety Data Sheet is read and understood.