

## ACCELERA B

**IMPORTANT REMINDER:  
USE PERSONAL PROTECTION EQUIPMENT AND VENTILATION!**



Use the required PPE for installing Accelera: Carbon Dust Mask or respirator, safety glasses, long sleeve shirt, long pants, gloves, and work boots. Fresh, moving air is essential to a safe working environment when applying resinous flooring products.

### DESCRIPTION

ACCELERA B is a 100%-solids, low-odor, solid color broadcast system consisting of a primer, two pigmented broadcasts of flintshot sand and a pigmented topcoat, all utilizing ACCELERA resin and, hardener. Total nominal system thickness is 1/8 inch.

### BENEFITS

- Fast application and cure time reduces installation time and disruption to operations
- 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. Substrate must be clean, sound, and dry. Please refer to the ACCELERA B 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 B floor system is available in pre-pigmented colors. Please refer to the Dur-A-Flex Standard Color Chart and ACCELERA Color Chart.

### PACKAGING & STORAGE CONDITIONS

ACCELERA B is available in pre-measured kits. Each kit consists of a resin and hardener. Kit coverage rate depends on the application - see spread rates below. A small kit (=1/3 large kit) is available for smaller areas and top-coating cove. The shelf life for ACCELERA (Standard, LH, and EXT) products - Gloss Finish Resins: 12 months, Satin Finish Resins: 6 months, and Hardeners: 6 months - from the date of manufacture in the original unopened container.

### APPLICATION METHOD/SPREAD RATE

ACCELERA B 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:

- |                                   |             |
|-----------------------------------|-------------|
| - Primer:                         | 115 SF/ Kit |
| - 1 <sup>st</sup> Broadcast Coat: | 75 SF/Kit   |
| - 2 <sup>nd</sup> Broadcast Coat: | 65 SF/Kit   |
| - Grout Coat:                     | 65 SF/Kit   |
| - Optional Topcoat                | 200 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, and ACCELERA EXT.)

## **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**

Please refer to the Floor Evaluation Guidelines in the Contractor's Center of our website for a step-by-step process to determine the condition of the concrete.

## **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.

<b><u>ACCELERA B</u></b>		
<b><u>PRODUCT PROPERTIES</u></b>		
<b>PHYSICAL PROPERTY</b>	<b>TEST METHOD</b>	<b>RESULT</b>
Weight Solids, % (Resin/Hardener/Powder)		100%
Volatile Organic Compounds Content (VOC)		0 g/L
Compressive Strength	ASTM C-579	12,500 psi
Tensile Strength	ASTM D-638	4,000 psi
Service Temperature		Up to 200°F intermittent
Taber Abrasion Resistance 1000g load, 1000 cycles, CS-17 wheel	ASTM D-4060	27 mg
Static Coefficient of Friction*	ANSI B101.1	>0.6
Dynamic Coefficient of Friction - Wet*	ANSI A326.3	>0.42
Shore D Hardness	ASTM D-2240	70
Gloss 60°	ASTM D-523	90
Pot Life at 70°F, 50% RH		7-10 min
Working Time at 70°F, 50% RH		15 min
Re-coat Window at 70°F, 50% RH		16 hours
Foot Traffic (per coat): 80°F, 50% RH (20% RH w/LH resin) 70°F, 50% RH (20% RH w/LH resin) 60°F 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
Flame Spread Index	ASTM E-84	Class B

\*Dur-A-Flex flooring systems can be built to meet or exceed the requirements of Static or Dynamic Coefficient of Friction testing per installation. Contact your Dur-A-Flex territory sales manager or tech representative for more information on alternative textures, grit/grip additives, or smooth coatings for your specific environment. A sample should always be obtained and tested prior to purchase for any non-slip flooring system.

### **IMPORTANT!**

*Before using DUR-A-FLEX products, read and understand its accompanying Safety Data Sheet & Application Instructions for important safety information.*

STANDARD TERMS AND CONDITIONS OF SALE, INCLUDING STANDARD WARRANTY APPLY - VISIT **DUR-A-FLEX.COM** FOR THE LATEST VERSION