

## **ACCELERA S**

### **IMPORTANT REMINDER:**

### **USE PERSONAL PROTECTION EQUIPMENT AND VENTILATION!**



Use the required PPE for installing Accelera: Carbon Dusk 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 S is part of the ACCELERA family of fast-track, seamless floor systems. ACCELERA is a two-component proprietary blend of polymers featuring fast-curing applications of a pigmented primer followed by a pigmented topcoat for a smooth, high gloss finish. ACCELERA is UV stable and offers excellent chemical resistance.

### **BENEFITS**

- Fast application and cure time reduces installation time and disruption to operations
- Color stable
- Low VOC, Low odor
- 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. This system should be installed using ACCELERA EXT only. Please refer to the ACCELERA S Application Instructions for a complete list of limitations.

### **CHEMICAL RESISTANCE**

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

### **TYPICAL USES**

- Pharmaceutical
- Healthcare
- Manufacturing

### **COLORS**

The ACCELERA S floor system is available in 12 standard colors. Please refer to the ACCELERA or the Dur-A-Flex Standard Color Chart.

### **PACKAGING & STORAGE CONDITIONS**

ACCELERA S is available in pre-measured kits in three sizes: Small, Large, and Jumbo. The Small kit (=1/3 Large kit) is available for smaller areas and top-coating cove. A Jumbo kit (2X Large Kit) for application in larger areas. Each kit consists of ACCELERA EXT pre-pigmented resin and ACCELERA hardener. Kit coverage depends on the application - see spread rates below. 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 S is applied with a 1/8" notched squeegee for the primer coat and a 3/16" notched squeegee for the topcoat, followed by a cross roll and back roll using a 3/8" nap roller in accordance with the approximate spread rates as follows:

Primer:	115 - 150 SF/Kit
Top Coat:	60 - 75 SF/Kit

NOTE: Above rates calculated using standard Large kit.

### **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 S floor systems are 3 lbs./1,000 sq. ft./24 hour using the calcium chloride test per ASTM F-1869 or 75% 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](http://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.

<b><u>ACCELERA S</u></b>	
<b><u>PRODUCT PROPERTIES</u></b>	
Weight Solids, % (Resin/Hardener)	96%
VOC	33 g/L
Compressive Strength (ASTM D-695)	18,000 psi
Tensile Strength (ASTM D-2370)	7,000 psi
Service Temperature	Up to 200°F
Taber Abrasion Resistance (ASTM D-4060) ASTM D-4060, 1000g load, 1000 cycles, CS-17 wheel	25 mg
Static Coefficient of Friction (ASTM D-2047)	>0.6
Film Hardness (ASTM D-4366), seconds, ultimate	90
Gloss (ASTM D-523) 60°	91
Pot Life at 70°F, 50% RH	10-15 min
Working Time at 70°F, 50% RH	15 min
Re-coat Window at 70°F, 50% RH	24 hours
Foot Traffic (per coat): 80°F, 50% RH 70°F, 50% RH 60°F 50% RH	2.5 - 3 hours 3 - 4 hours 4 - 5 hours
Full Service @70°F, 50% RH	24 hours
Full Chemical Resistance	7 days

### **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](http://DUR-A-FLEX.COM) FOR THE LATEST VERSION