

## ACCELERA S

### 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

- Grocery
- Retail
- Manufacturing

### COLORS

The ACCELERA S floor system is available in 12 standard colors. Please refer to the ACCELERA 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.

## ACCELERA S

### PRODUCT PROPERTIES

|  |   |
|--|---|
| Weight Solids, % (Resin/Hardener)  | 96%   |
| Volatile Organic Compounds Content (VOC)   | 33 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)<br>ASTM D4060, 1000g load, 1000 cycles, CS-17 wheel | 25 mg                                       |
| Coefficient of Friction (ASTM D-2047)  | >0.6  |
| Film Hardness (ASTM D4366), seconds, ultimate  | 90  |
| Gloss (ASTM D523) 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):<br>80°F, 50% RH<br>70°F, 50% RH<br>60°F 50% RH                    | 2.5 - 3 hours<br>3 - 4 hours<br>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