

## ACCELERA C

### DESCRIPTION

ACCELERA C is part of the ACCELERA family of fast-track, seamless floor systems. ACCELERA C is a 100% solids, two-component proprietary blend of polymers featuring fast-curing applications of a pigmented primer, a broadcast coat of decorative vinyl chips, and a clear topcoat. ACCELERA C is UV stable and offers excellent stain resistance.

### 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 C 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

- Restaurants
- Grocery
- Healthcare
- Pharmaceutical Mfg
- Retail

### COLORS

ACCELERA C floor system is available in MACRO or MICRO decorative chips. The MACRO and MICRO chips are available in standard and custom multi-color pre-blends. Please refer to the MACRO and MICRO Chip Color Selector Chart.

### PACKAGING & STORAGE CONDITIONS

ACCELERA C is available in pre-measured kits. Each kit consists of resin and a hardener. Kit coverage depends on the application - see spread rates below. A smaller kit (=1/3 Large kit) is available for smaller areas and top-coating cove. For background colors, ACCELERA C resin is available 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. Vinyl chips are available in 10 lb. and 55 lb. boxes.

### APPLICATION METHOD/SPREAD RATE

ACCELERA C 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
Broadcast Coat:	75 SF/Kit
Top Coat:	65 SF/Kit

NOTE: Above rates calculated using standard Large kit. (Spread rates are the same for both ACCELERA and ACCELERA LH.)

### 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.

# **ACCELERA C**

## **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 D-2047)	0.6
Shore D Hardness (ASTM D2240)	70
Gloss (ASTM D523) 60°	90
Pot Life at 70°F, 50%RH	7-10 min
Working Time at 70°F,50%RH	10 min
Re-coat Window at 70°F,50%RH	16 hours
Foot Traffic (per coat): 80°F, 50%RH (20%RH w/LH resin)	1.5 – 2 hours
70°F, 50%RH (20%RH w/LH resin)	2 – 2.5 hours
60°F, 50%RH (20%RH w/LH resin)	2.5 – 3 hours
Full Service	24 hours
Full Chemical Resistance	7 days

### **MOISTURE CONCERNS**

Normal limits for moisture vapor transmission for ACCELERA C 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.

### **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.*