

ACCELERA C

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 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
- Healthcare
- Retail
- Grocery
- Pharmaceutical Manufacturing

COLORS

ACCELERA C floor system is available in MACRO or MICRO decorative chips. The MACRO and MICRO chips are available in standard blends and custom selections. Please refer to the MACRO, MICRO, and Earthstone 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 small kit (=1/3 Large kit) is available for smaller areas and top-coating cove. Refer Dur-A-Flex color charts for available colors. 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. Vinyl chips are available in 10 lb. and 40 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:	115 SF/Kit
Grout Coat:	65 SF/Kit
OPTIONAL Topcoat:	200SF/Kit

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

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 on our website 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 C

PRODUCT PROPERTIES			
	Accelera/Accelera LH	Accelera EXT	Accelera Satin
Weight Solids, % (Resin/Hardener)	100%	96%	96%
VOC	0 g/L	33 g/L	42 g/L
Compressive Strength (ASTM C-579)	12,500 psi	12,500 psi	12,500 psi
Tensile Strength (ASTM D-638)	3,700 psi	3,700 psi	3,700 psi
Service Temperature	Up to 200°F	Up to 200°F	Up to 200°F intermittent only
Taber Abrasion Resistance (ASTM D-4060) ASTM D-4060, 1000g load, 1000 cycles, CS-17 wheel	27 mg	25 mg	22 mg
Static Coefficient of Friction* (ANSI B101.1)	>0.6	>0.6	>0.6
Dynamic Coefficient of Friction - Wet* (ANSI A326.3)	>0.42	>0.42	>0.42
Shore D Hardness (ASTM D-2240)	70	Film Hardness (ASTM D-4366), seconds, ultimate 90	Film Hardness (ASTM D-4366), seconds, ultimate Pendulum Hardness 50
Gloss (ASTM D-523) 60°	90	91	50-55
Pot Life at 70°F, 50% RH	7-10 min	10-15 min	7-10 min
Working Time at 70°F, 50% RH	10 min	15 min	10 min
Re-coat Window at 70°F, 50% RH	16 hours	16 hours	24 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	2.5 - 3 hours 3 - 4 hours 4 - 5 hours	2 - 2.5 hours 2.5 - 3 hours 3 - 4 hours
Full Service	24 hours	24 hours	24 hours
Full Chemical Resistance	7 days	7 days	7 days
Flame Spread Index (ASTM E-84)	Class B	Class B	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