

ACCELERERA 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

ACCELERERA S is part of the ACCELERERA family of fast-track, seamless floor systems. ACCELERERA 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. ACCELERERA 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 ACCELERERA EXT only. Please refer to the ACCELERERA 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 ACCELERERA S floor system is available in 12 standard colors. Please refer to the ACCELERERA or the Dur-A-Flex Standard Color Chart.

PACKAGING & STORAGE CONDITIONS

ACCELERERA 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 ACCELERERA EXT pre-pigmented resin and ACCELERERA hardener. Kit coverage depends on the application - see spread rates below. The shelf life for ACCELERERA (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

ACCELERERA 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 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.

<u>ACCELERA S</u>	
<u>PRODUCT PROPERTIES</u>	
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* (ANSI B101.1)	>0.6
Dynamic Coefficient of Friction - Wet* (ANSI A326.3)	>0.42
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

*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