

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. (Application where relative humidity is less than 30% is possible however cure times will be substantially longer.) Substrate must be clean, sound, and dry. 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 is hardener: 6 months; resin: 12 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 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.

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PRODUCT PROPERTIES

Weight Solids, % (Resin/Hardener/Powder)	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) ASTM D 4060, 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): 80°F, 50%RH	2.5 – 3 hours
70°F, 50%RH	3.0 – 4 hours
60°F, 50%RH	4 – 5 hours
Full Service @ 70°F, 50% RH	24 hours
Full Chemical Resistance	7 days

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.