



ACCELERA Q

DESCRIPTION

ACCELERA Q is part of the ACCELERA family of fast-track, seamless floor systems. ACCELERA Q is a 100% solids, two-component proprietary blend of polymers featuring fast-curing applications of a primer, two broadcasts of decorative quartz, and two clear topcoats. ACCELERA Q 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
- 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 Q Application Instructions for a complete list of limitations.

CHEMICAL RESISTANCE

This product is resistant to many common chemicals. Please refer to the master Chemical Resistance Chart on our website for actual resistance to specific chemicals/reagents.

TYPICAL USES

- Restaurants
- Grocery
- Healthcare
- Pharmaceutical Mfg
- Retail

COLORS

ACCELERA Q floor system is available in various standard blends in two sizes. Please refer to Quartz Color Selector Chart. Custom color blends are also available.

PACKAGING & STORAGE CONDITIONS

ACCELERA Q is available in pre-measured kits. Each kit consists of a resin and a hardener. Kit coverage depends on the application - see spread rates below. A smaller, approximate 25 square foot kit is available for smaller areas and top-coating cove. Refer to the ACCELERA Brochure for available blends. Shelf life is 12 months from ship date in the original unopened container.

APPLICATION METHOD/SPREAD RATE

ACCELERA Q is applied with a notched or 12" flat window squeegee followed by rolling with a 3/8" nap roller in accordance with the approximate spread rate as follows:

Primer:	115 SF/ Kit
1 st Broadcast Coat:	75 SF/Kit
2nd Broadcast Coat:	65 SF/Kit
Grout Coat:	65 SF/Kit
Topcoat:	200 SF/Kit

NOTE: Above rates calculated using the standard Large kit and Dur-A-Flex aggregates. (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 Q

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)	0.8
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 Q 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 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 Material Safety Data Sheet is read and understood.