

ACCELERA Q

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 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 Q28 decorative quartz, and a clear topcoat. 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
- 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. If extended working time is required, use ACCELERA EXT. 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
- Healthcare
- Retail
- Grocery
- Pharmaceutical Manufacturing

COLORS

ACCELERA Q floor system is available in various standard blends. Please refer to the Q28 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. 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.

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
1st Broadcast Coat:	75 SF/Kit
2nd Broadcast Coat:	65 SF/Kit
Grout Coat/Top Coat:	65 SF/Kit
Optional 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 ACCELERERA, ACCELERERA LH, and ACCELERERA EXT.)

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.

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 ACCELERERA Q floor systems are 3 lbs./1,000 sq. ft./24 hour using the

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.

<u>ACCELERERA Q</u>			
<u>PRODUCT PROPERTIES</u>			
	Accelera/Accelera LH	Accelera EXT	Accelera Satin
Weight Solids, % (Resin/Hardener)	100%	96%	96%
Volatile Organic Compounds Content (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)	4,000 psi	4,000 psi	4,000 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 (ASTM D-2047)	>0.6	>0.6	>0.6
Shore D Hardness (ASTM D-2240)	70	Film Hardness (ASTM D4366), 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

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