

ACCELERA

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 is part of DUR-A-FLEX's family of fast-track, seamless floor systems. ACCELERA is a 100% solids, two component proprietary blend of polymers featuring a fast-curing resin and hardener. ACCELERA 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. Do not apply over epoxies cured with Fast hardener.

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 and ACCELERA LH resin and hardener are available clear and in pre-pigmented colors. Please refer to the ACCELERA or the Dur-A-Flex Standard Color Chart.

JOINT GUIDELINES

Refer to the Joint Guidelines on our website for complete details.

PACKAGING & STORAGE CONDITIONS

ACCELERA is available in pre-measured kits. Each kit consists of a resin and hardener. Kit coverage rate depends on the application - see spread rates below. A small kit is available for smaller areas and top-coating cove. 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 is applied with a notched or 12" flat window squeegee followed by a cross roll using a 3/8" nap roller. See application instructions for complete details. (Spread rates are the same for both ACCELERA and ACCELERA LH.)

Typical Large kit spread rates:

Primer:	115 SF/ Kit
Quartz Broadcast Coats:	65 – 75 SF/Kit
Chip Broadcast Coat:	65 – 75 SF/Kit
Grout/Top Coat:	65 SF/Kit
2nd Topcoat (opt.):	200 SF/Kit

Typical Small kit spread rates:

Primer:	38 SF/ Kit
Quartz Broadcast Coats:	22 – 25 SF/Kit
Chip Broadcast Coat:	22 – 25 SF/Kit
Grout/Top Coat:	22 SF/Kit
2nd Topcoat (opt.):	67 SF/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.

MOISTURE CONCERNS

Please refer to the Floor Evaluation Guidelines in the Contractor's Center of our website for a step-by-step process to determine the condition of the concrete.

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.

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.

ACCELERA		
PRODUCT PROPERTIES		
	Accelera	Accelera Satin
Weight Solids, % (Resin/Hardener/Powder)	100%	96%
VOC	0 g/L	42 g/L
Compressive Strength (ASTM C-579)	12,500 psi	12,500 psi
Tensile Strength (ASTM D-638)	4,000 psi	4,000 psi
Service Temperature	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	22 mg
Static Coefficient of Friction (ASTM D-2047)	>0.6	>0.6
Shore D Hardness (ASTM D-2240)	70	Film Hardness (ASTM D-4366), seconds, ultimate Pendulum Hardness 50
Gloss (ASTM D-523) 60°	90	50-55
Pot Life at 70°F, 50% RH	7-10 min	7-10 min
Working Time at 70°F, 50% RH	10 min	10 min
Re-coat Window at 70°F, 50% RH	Before 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 - 2.5 hours 2.5 - 3 hours 3 - 4 hours
Full Service	24 hours	24 hours
Full Chemical Resistance	7 days	7 days
Flame Spread Index (ASTM E-84)	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