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CONTACT THE FLOORING EXPERT



SPECIALTY POLYMER FLOORING FROM FLOWCRETE AMERICAS

World leading manufacturer of polymer floor and wall coating solutions, cementitious urethane systems, fast-cure MMA and flexible parking deck coatings.



www.flowcreteamericas.com

Welcome to Flowcrete Americas...

Flowcrete Americas is a world leader in the manufacture of seamless polymer flooring solutions for use in industrial and commercial environments.

✓	Welcome to Flowcrete Americas
✓	Transforming Environments
✓	Benefits of Working with Flowcrete Americas
✓	STAR Contractor Program
✓	AIA CES Lunch & Learn Program
✓	Flowcrete's Environmental Responsibility
✓	Project Specification Questionnaire



Transforming Environments

Flowcrete Americas polymer flooring solutions offer clients a variety of surfaces for industrial plants, commercial venues and institutional facilities.

Leisure & Retail



Parking Structures



Food & Beverage



Manufacturing & Electronics



Automotive & Aerospace



Education & Offices



Healthcare & Pharmaceutical



Chemical Processing



Airports & Railways



Stadium Venues





Benefits of Working with Flowcrete Americas



Customer Service & Support

Whenever you want to talk about your project, order status or delivery, Flowcrete Americas' dedicated Customer Service team is just a phone call away to help.



Packaging & Waste Management

Our Smart Packaging Initiative aims to prevent over 1 ton of plastic containers from being sent to landfill for each 50,000 sq. ft. area installed through the supply of product in reusable IBCs.



Sustainability

As a member of the USGBC, Flowcrete Americas is committed to using the earth's resources responsibly and producing resin materials that can assist in qualification for USGBC LEED status.



Manufacturing & Logistics

Our 30,000 sq ft manufacturing plant in Texas is equipped with state-of-the-art equipment and our network of warehousing facilities across the Americas ensures prompt supply to customers.



Technical Support

Whether you need support with installation, mixes, quality control, product samples or specification suitability, our dedicated Technical Services, Operations & Training team is on hand to help.



Innovation

Be the first to learn about as well as trial new and replacement flooring technologies, coating systems and other products launched by our global Research & Development team.



Choice

Choose from a wide range of resin-based polymer chemistries including epoxies, cementitious urethane, methyl methacrylate (MMA) and polyurea as well as anti-corrosion vinyl ester.



Quality

Our consistent, reliable resin flooring materials come backed by a wealth of international brands including Coca Cola, L'Oréal, Cargill, Samuel Adams, Pfizer, Nestlé, NASA and GE.



Flowcrete Americas' STAR Contractor Program

Become a Flowcrete Americas STAR Contractor with a training program, designed to demonstrate the latest installation techniques as well as provide extra hints and tips from our experienced trainers.

Flowcrete Americas offers contractors and floor application teams the Specialist Training in the Application of Resin (STAR) program, which has been designed to ensure our contractor network offers clients the highest level of expertise and craftsmanship.

STAR Contractor Benefits:

- ★ In-house training seminar
- ★ A deeper understanding of Flowcrete Americas' flooring systems
- ★ Ability to leverage Flowcrete brand
- ★ Discounted rates on materials
- ★ Exclusive use of the Flowcrete Americas' STAR Contractor logo
- ★ Free refresher or new seminars held at Flowcrete Americas HQ

Training Seminar Topics:

- ★ Cementitious urethane, methyl methacrylate (MMA) & other specialty resin flooring chemistries
- ★ Typical flooring installation construction details
- ★ Floor installation project management
- ★ Installation proficiency testing & subsequent certification

Flowcrete Americas will provide in-house training at the Contractor's premises led by a qualified trainer alongside all resin materials and educational resources required for training purposes at no extra cost. Following the successful completion of training, Flowcrete Americas will honor discounted rates on all materials to STAR-rated Contractors. Provided all financial commitments are met, Flowcrete Americas will rebate the training fee as an account credit over the first year.



HACCP International Certified Flooring Materials

Flowcrete Americas' HACCP International certified cementitious urethane flooring range, Flowfresh, has been evaluated to international standards and a set of key food safety criteria for potential physical, chemical and microbiological food safety risks by a team of degree qualified food technologists and product assessors.

Flowcrete Americas' Flowfresh flooring range has been identified as food-safe for use in wet and dry food handling areas such as kitchens, production areas and processing areas operating a HACCP based Food Safety Program, noting the conditions of the certification statement SSZ.

HACCP International operates a world-renowned product certification scheme for equipment, materials and services used within the global food and beverage processing, production and packaging sector - confirming a product's suitability for use within food businesses that operate to the world's highest standards.

Benefits of Flowfresh:



Contains a silver-ion antimicrobial, Polygiene®



Positively textured profile to minimize slip risks



Allows safe transmission of water vapor from the slab below



Protects against chemicals, fats, hot oils, sugar and acids



Resistant to intermittent temperatures of up to 250°F



Minimal surface joints ensure the floor is easy to clean



Low odor, water based, phthalate free and non tainting



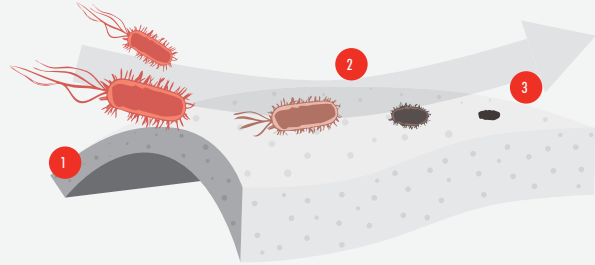
Decorative quartz and flakes mixes available



Complementary coving mortars available

System:	Thickness:	Description:
Flowfresh SL	1/8" - 3/16"	A slurry broadcast, cost effective cementitious urethane floor screed
Flowfresh MF	3/16" - 1/4"	A self-leveling, smooth matte cementitious urethane floor screed
Flowfresh Ultra Flakes	3/16" - 1/4"	A cementitious urethane and polyurea floor system containing decorative flakes
Flowfresh SR	1/4" - 5/16"	A slurry broadcast and highly slip resistant cementitious urethane mortar
Flowfresh SRQ	1/4" - 5/16"	A slurry broadcast cementitious urethane mortar with quartz aggregates
Flowfresh TZ	1/4"	A trowelled cementitious urethane terrazzo containing flint aggregates
Flowfresh HF & RT	1/4" - 3/8"	Heavy-duty trowelled cementitious urethane floor mortars
Flowfresh IF	3/8" - 1/2"	An iron-filled trowelled cementitious urethane mortar
Flowfresh CM	1/8" - 3/16"	A cementitious urethane coving mortar

How Does Polygiene® Work?



- 1 The silver ions are homogeneously distributed throughout the floor.
- 2 The silver ions migrate to the surface.
- 3 They protect the surface from degradation caused by microbial growth.

Bacterial Resistance (ISO 22196)

SARS-CoV	✓	Salmonella Typhi	✓
MRSA	✓	Enterococcus Faecalis	✓
E-coli	✓	Staphylococcus Aureus	✓
Listeria	✓	Streptococcus Pyogenes	✓
C.difficile	✓	Pseudomonas Aeruginosa	✓
Proteus Vulgaris	✓	Campila Bacta	✓



Meat, Poultry & Seafood



Dairy & Cheese Processing



Bottling Plants & Brewhouses



Candy & Snack Foods



Catering Kitchens



Pharmaceutical Facilities

Book A FREE AIA CES Registered Lunch & Learn Seminar

Our new Lunch & Learn Seminar ensures architects, engineers and food manufacturers are armed with all of the information they need to specify floors that not only withstand the difficult conditions and surface criteria found in food plants, but that actively protect the surface from failing!

TO BOOK...

email us at
aia@flowcrete.com

AIA CES Lunch & Learn Program



Flowcrete Americas AIA CES Lunch & Learn Seminar Program offers architects, engineers and design / build firms the opportunity to learn, explore and discuss specific challenges, innovations and best practice guidelines relating to the specification of resinous flooring systems on both new-build and renovation construction projects.

Flowcrete Americas is happy to provide one hour, on-site, training seminars delivered by our national team of technical representatives as well as lunch for up to 60 delegates, with each course offering AIA members 1 LU to contribute to annual credits.

FLOW001_2015 | Exploring the Cost of Floor Failure in the Design of Food & Beverage Processing Plants

This AIA CES Training Seminar will explore the true cost associated with the improper, incorrect or unsatisfactory specification of flooring materials within the design of food & beverage production, processing or packaging plants.

The seminar will address the most common reasons for floor failure, draw on real-life scenarios where a failing floor has resulted in financial and reputation damage as well as outline key factors to consider in order to minimize these risks.

The seminar will aim to identify flooring solutions that offer food & beverage manufacturing clients long-term durability and wear resistance as well as promote hygiene and safety underfoot in conjunction with a HACCP based food safety program.

FLOW002_2015 | How To Avoid Industrial Floor Failure

This AIA CES Training Seminar will explore the reasons as to why 50% of industrial floor coatings and finishes do not perform to the client's original expectations within a two year time-frame when installed in manufacturing, processing or warehousing facilities.

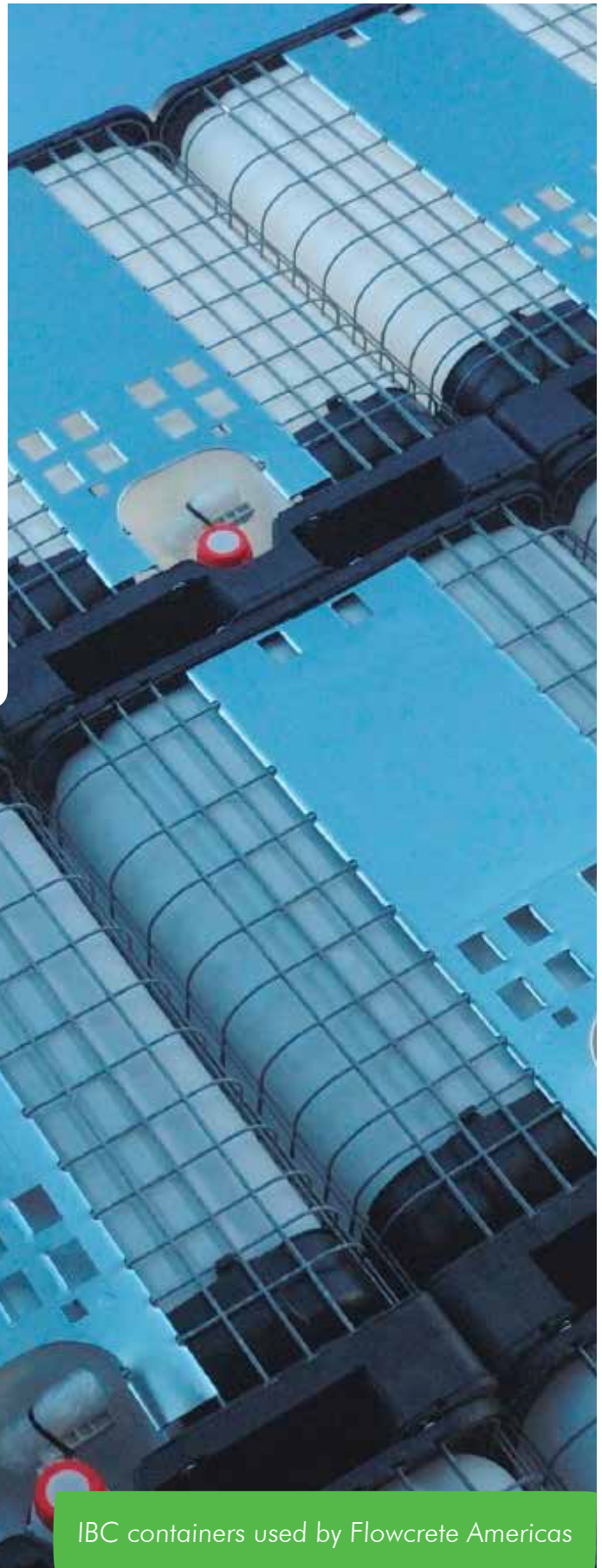
This seminar will explore the specification process as well as the most common reasons for floor failure including de-lamination, blistering and cracking, all of which typically result from errors made at specification stage.

This seminar will aim to identify suitable flooring materials to match the service criteria found in a wide range of industrial manufacturing environments as well as to consult on correct substrate preparation and application procedures in order to minimize the risk of failure.

Environmental Responsibility

The Flowcrete Group is committed to developing its operations in a sustainable manner and has a holistic approach to producing environmentally friendly flooring materials.

This means that rather than just focussing on environmental issues, all decision making considers the environmental, social and economic impact of Flowcrete's flooring materials, manufacture and supply in order to improve its contribution to addressing the important issues our society faces today.



IBC containers used by Flowcrete Americas



We are not only committed to providing innovative and sustainable flooring solutions, but also to using our earth's resources responsibly throughout the manufacturing process to off-set our carbon footprint.

All our Flowfresh (cementitious urethane) products are **phthalate free** to reduce toxicity to human health and the hazardous effects of the environment.


All our epoxy flooring systems are **nonyl phenol free**, helping to prevent the negative impact caused by the emissions into the environment.




Flowfresh is low VOC, predominantly water-based and solvent-free, significantly reducing the emission of any harmful volatile organic compounds.


 Through the **LEED** Rating Program, Flowcrete Americas endeavors to contribute to **high performance Green Buildings** and lead the field in our industry by making sustainability a corporate priority. **Our materials can assist in qualifying for LEED credits.**


When and where possible, we supply our products in bulk, using reusable UN Certified Intermediate Bulk Containers (IBCs) - TOTES - passing the saving into our customers.

 Reduction of fuel consumption for every gallon of material sold

Substantial onsite application and installation time savings 

 **Customer cost improvements**
Cost reduction per unit manufactured & product handling, storage & shipping

 Improvement on energy consumption and transportation

Reduction of packaging waste & non re-usable containers sent to landfills 

Project Specification Questionnaire

Project Title		Project Number
Client Name		Contact
Specifier Company		Contact
Specifier Address		Date of Meeting
		Present

FUNCTIONAL REQUIREMENTS

Application Type	Commercial	Industrial	Food	Pharma	Health	Other
Relevant Standards						
Size of Area m ²	Location/Zone					
Trafficking <i>(mark as appropriate)</i>						
Light foot traffic, occasional rubber tyred vehicles.		LD	Regular foot traffic, frequent fork lift traffic, occasional hard plastic-wheeled trolleys.		MD	
Constant fork lift truck traffic, hard plastic wheeled trolleys, some impact.		HD	Severe heavily loaded traffic and impact.		VHD	

TYPE AND SIZE OF LOADING

Note: Screed substrates on insulation require load capacity assessment.

Imposed Load	Impact	Dynamic	Construction
			MWEP Scaffold

CHEMICAL RESISTANCE

(Extent, frequency, concentration, temp etc)

Cleaning	Spillage	Permanent

TEMPERATURE

Normal Service	Cleaning	Radiant/Direct Heat	Under Floor Heating

APPEARANCE

Colour	Solid	Matt	Gloss
	Decorative	UV Stable	

Slip Risk				COVING		
High	Moderate	Low		Yes	No	Size
PTV	0-24	25-35	36+			
Contaminants				Applied To		Top Edge
ANTI-STATIC				PROGRAMME TIMING		
Resistance (ohms)				Winter		Summer
				Spring		Autumn

SUBSTRATE & SITE CONDITIONS						
Substrate Type	Age	Strength	Smooth	Contamination	DPM Beneath	
PREPARATORY TREATMENT			PRIMER			
Yes	No	Type	Yes	No	Type	
JOINTS						
Movement	Contraction		Day Work			
EXPOSURE DURING CONSTRUCTION						
Heat	Water		Protective Measures			
Light	Traffic					
Products Discussed and Thickness			Proposed System and Thickness			

Agreed for Specifier/Client	Date