

Food and Beverage Market Product / System Selector Guide



The systems listed herein are intended as starting points for normal exposures. Consult your Corrosion Specification Specialist (CSS) or Business Development Manager (BDM) for specific application parameters and system limitations and to confirm suitability.

Some of the listed systems require an Approved Contractor for installation/application. Please give careful consideration to the applicator's qualifications when recommending these systems.

FDA approved lining materials for storage tanks and process vessels are available. Consult your CSS or BDM for tank and vessel linings requiring FDA approval.



Area Type	System	System Benefits	Product Data	CSI Format Spec	MSDS
Animal Receiving Areas, Dry Goods and Liquids Area Description • Holding areas waiting to be processed. • Areas are subject to splash and spillage	FasTop S	<ul style="list-style-type: none"> • Moisture insensitive • No moisture vapor emission testing required • Bonds to slightly damp substrate • Minimal downtime, quick turnaround • excellent physical and chemical properties • Handle up to 1/4" per lineal foot elevation change in slope and pitch to drain work 	N/A	FasTop S	4040A, 4040B, 4050A, 4050B, 5050, 5310, 3744A, 3744B, 4844A, 4844B
	FasTop M	<ul style="list-style-type: none"> • Thermal shock resistant • Better resistance to high temperatures 	N/A	FasTop M	4040A, 4040B, 4070A, 4070B, 5075
Kill Floors Area Description • Areas subject to contamination from live animal waste, as well as bacteria and fungi carried into the facility by the live animals. • "Hang" areas, where the animal carcass is placed on the automated processing line. • Areas are subject to routine cleaning and sanitation procedures using hot water, caustic cleaning agents, and sanitizing chemicals. • Subject to heavy abrasion and impact. • Harborage for bacteria • Slip/fall hazard	FasTop S	<ul style="list-style-type: none"> • Moisture insensitive • No moisture vapor emission testing required • Bonds to slightly damp substrate • Minimal downtime, quick turnaround • excellent physical and chemical properties • Handle up to 1/4" per lineal foot elevation change in slope and pitch to drain work 	N/A	FasTop S	4040A, 4040B, 4050A, 4050B, 5050, 5310, 3744A, 3744B, 4844A, 4844B
	FasTop M	<ul style="list-style-type: none"> • Thermal shock resistant • Better resistance 	N/A	FasTop M	4040A, 4040B, 4070A, 4070B, 5075



Area Type	System	System Benefits	Product Data	CSI Format Spec	MSDS
Cut-Up Area Description <ul style="list-style-type: none"> • Areas constantly wet. • Areas generally refrigerated and subjected to routine washdown with water and cleaning solutions approaching 180°F. • Standing water • Harborage for bacteria • Slip/fall hazard 	FasTop S	<ul style="list-style-type: none"> • Moisture insensitive • No moisture vapor emission testing required • Bonds to slightly damp substrate • Minimal downtime, quick turnaround • Excellent physical and chemical properties • Handle up to 1/4" per lineal foot elevation change in slope and pitch to drain work 	N/A	FasTop S	4040A, 4040B, 4050A, 4050B, 5050, 5310, 3744A, 3744B, 4844A, 4844B
	FasTop M	<ul style="list-style-type: none"> • Thermal shock resistant • Better resistance 	N/A	FasTop M	4040A, 4040B, 4070A, 4070B, 5075
Further Processing, Dough Rooms Area Description <ul style="list-style-type: none"> • Extensions of the cut-up areas • Area usually cool and dry • Generally refrigerated • Subjected to routine washdown with water and cleaning solutions approaching 180°F • Slip/fall hazard 	FasTop S	<ul style="list-style-type: none"> • Moisture insensitive • No moisture vapor emission testing required • Bonds to slightly damp substrate • Minimal downtime, quick turnaround • excellent physical and chemical properties • Handle up to 1/4" per lineal foot elevation change in slope and pitch to drain work 	N/A	FasTop S	4040A, 4040B, 4050A, 4050B, 5050, 5310, 3744A, 3744B, 4844A, 4844B
	FasTop M	<ul style="list-style-type: none"> • Thermal shock resistant • Better resistance 	N/A	FasTop M	4040A, 4040B, 4070A, 4070B, 5075
Evisceration, Wet Process Areas Area Description <ul style="list-style-type: none"> • Areas are almost always constantly wet and exposed to splash and spillage of blood and entrails. • Generally refrigerated and subjected to routine washdown with water and cleaning solutions approaching 180°F • Sanitation is a critical part of the process from this point forward. • Standing water presents a potential harborage for bacteria and a slip/fall hazard, so proper slope and pitch to drains is required. 	FasTop S	<ul style="list-style-type: none"> • Moisture insensitive • No moisture vapor emission testing required • Bonds to slightly damp substrate • Minimal downtime, quick turnaround 	N/A	FasTop S	4040A, 4040B, 4050A, 4050B, 5050, 5310, 3744A, 3744B, 4844A, 4844B
	FasTop M	<ul style="list-style-type: none"> • Thermal shock resistant 	N/A	FasTop M	4040A, 4040B, 4070A, 4070B, 5075



Area Type	System	System Benefits	Product Data	CSI Format Spec	MSDS
Cooking Areas / Commercial Kitchens, Dough Proofer, Extruders, Fermentation Rooms, Bottling Areas <u>Area Description</u> • Areas include frying, baking, roasting, flame grilling, microwaving, etc... • Areas are generally very warm to hot and floors subjected to high temperatures and exposure to oils, greases, and food ingredients • Hot caustic solutions that can be spilled or splashed. • Harborage for bacteria • Slip/fall hazard	FasTop S	<ul style="list-style-type: none"> • Moisture insensitive • No moisture vapor emission testing required • Bonds to slightly damp substrate • Minimal downtime, quick turnaround 	N/A	FasTop S	44040A, 4040B, 4050A, 4050B, 5050, 5310, 3744A, 3744B, 4844A, 4844B
	FasTop M	<ul style="list-style-type: none"> • Thermal shock resistant • Better resistance 	N/A	FasTop M	4040A, 4040B, 4070A, 4070B, 50755
Blast Cells / Quick Chill Areas <u>Area Description</u> • Areas present real issues with thermal cycling. Some blast cells and quick chill processes operate adjacent to or in line with cooking areas. • The cooking area ambient temperature could be 100F or higher while the floor temperature under the cookers could reach 300F or higher. • Can operate at -20F to as low as -60F. • Areas are cleaned on a daily basis using water and cleaning solutions approaching 180F and the blast cells are generally cleaned and sanitized weekly using a similar process. • Harborage for bacteria • Slip/fall hazard, so proper slope and pitch to drains is required.	FasTop S	<ul style="list-style-type: none"> • Moisture insensitive • No moisture vapor emission testing required • Bonds to slightly damp substrate • Minimal downtime, quick turnaround 	N/A	FasTop S	4040A, 4040B, 4050A, 4050B, 5050, 5310, 3744A, 3744B, 4844A, 4844B
	FasTop M	<ul style="list-style-type: none"> • Thermal shock resistant • Better resistance 	N/A	FasTop M	4040A, 4040B, 4070A, 4070B, 5075
Packaging <u>Area Description</u> Areas are generally refrigerated and wet for fresh meat packaging. These areas are normally dry in ready-to-eat (RTE) and cooked product packaging areas.	FasTop S	<ul style="list-style-type: none"> • Moisture insensitive • No moisture vapor emission testing required • Bonds to slightly damp substrate • Minimal downtime, quick turnaround 	N/A	FasTop S	4040A, 4040B, 4050A, 4050B, 5050, 5310, 3744A, 3744B, 4844A, 4844B
	FasTop M	<ul style="list-style-type: none"> • Thermal shock resistant • Better resistance 	N/A	FasTop M	4040A, 4040B, 4070A, 4070B, 5075



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Refrigerated Storage <u>Area Description</u> Cold storage areas are generally always wet or damp from condensation. These areas are operated at around 350F. Standing water presents a potential harborage for bacteria and a slip/fall hazard, so proper slope and pitch to drains is required. These areas are subjected to routine washdown with water and cleaning solutions approaching 180 F.	4700 Instant Patch	Used to repair floors or as a mortar to resurface floors when the floor temperature cannot be brought to an acceptable minimum temperature for other topping systems. 4700 can be applied at temperatures as low as -10F.	4700	N/A	4700A, 4700B
	FasTop S	<ul style="list-style-type: none"> Moisture insensitive No moisture vapor emission testing required Bonds to slightly damp substrate Minimal downtime, quick turnaround 	N/A	FasTop S	4040A, 4040B, 4050A, 4050B, 5050, 5310, 3744A, 3744B, 4844A, 4844B
	FasTop M	<ul style="list-style-type: none"> Thermal shock resistant Better resistance 	N/A	FasTop M	4040A, 4040B, 4070A, 4070B, 5075
Freezers <u>Area Description</u> Storage freezers are generally operated at 00F to 280F. They are normally dry and are thawed and cleaned less frequently than other areas.	4700 Instant Patch	<ul style="list-style-type: none"> Moisture insensitive No moisture vapor emission testing required Bonds to slightly damp substrate Minimal downtime, quick turnaround 	4700	N/A	4700A, 4700B
	FasTop S	<ul style="list-style-type: none"> Acceptable for use in USDA inspected facilities Contains AgION® antimicrobial technology 	N/A	FasTop S	4040A, 4040B, 4050A, 4050B, 5050, 5310, 3744A, 3744B, 4844A, 4844B
	FasTop M	<ul style="list-style-type: none"> Thermal shock resistant Better resistance 	N/A	FasTop M	4040A, 4040B, 4070A, 4070B, 5075
Box Storage, Dry Storage <u>Area Description</u> Areas that require clean and dry conditions with very low dust. Concrete sealers or toppings can be used in these areas.	3579 Standard Binder/Primer	Concrete sealer to prevent mild chemical attack and dusting	3579	N/A	3579A, 3579B,
	3479 WBE	Concrete sealer to prevent mild chemical attack and dusting. Waterborne epoxy that provides for very good penetration and fast drying	3479	N/A	3479A, 3479B
	Trafficote 105	An economical topping that provides very good impact and abrasion resistance	N/A	Trafficote 105	3579A, 3579B, 3561A, 3561B, 5350, 5310, 3744A, 3744B



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Battery Rooms, Chemical Storage <u>Area Description</u> Battery acid is very aggressive to concrete and steel. Battery racks require protection along with the concrete. Chemical storage areas can hold a number of different materials including, acids, caustics, and oxidizers. Always confirm the potential exposures before making a system recommendation.	Cor-Cote EN 7000	An epoxy-novolac coating that provides excellent resistance to a wide range of chemicals	B67A30 Series	N/A	Cor-Cote EN 7000
	FasTop S	<ul style="list-style-type: none"> Moisture insensitive No moisture vapor emission testing required Bonds to slightly damp substrate Minimal downtime, quick turnaround 	N/A	FasTop S	4040A, 4040B, 4050A, 4050B, 5050, 5310, 3744A, 3744B, 4844A, 4844B
	FasTop M	<ul style="list-style-type: none"> Thermal shock resistant Better resistance 	N/A	FasTop M	4040A, 4040B, 4070A, 4070B, 5075
Employee Welfare Areas, Lobbies <u>Area Description</u> Canteens, locker rooms, restrooms, dressing areas, lobby areas, etc...	Ceramic Carpet #400	Double broadcast decorative quartz floor that can be sealed with epoxy, polyurethane, or polyaspartic topcoats depending upon the exposure	3579, 3561, 3744 4844,	Ceramic Carpet #400	3579A, 3579B, 3561A, 3561B 5900 3744A, 3744B 4844A, 4844B
	Decorative Mosaic	Decorative mosaic floor using paint chips that can be sealed with epoxy, polyurethane, or polyaspartic topcoats depending upon the exposure.	3479 3461 4408, 3745, 4638, 4844	Decorative Mosaic	3479A, 3479B 6750 or 6755 3461A, 3461B 4408A, 4408B 3745A 3745B 4638A, 4638B 4844A, 4844B
	BioFlake	Variation on FasTop that includes a receiver coat and broadcast of paint chips followed by an appropriate seal coat. It provides very good physical and chemical properties and a decorative look.	N/A	BioFlake	3477A, 3477B 4050A, 4050B, 5050 6750D or 6755D 3744A, 3744B 4685A, 4685B
	FasTop S	<ul style="list-style-type: none"> Moisture insensitive No moisture vapor emission testing required Bonds to slightly damp substrate Minimal downtime, quick turnaround 	N/A	FasTop S	4040A, 4040B, 4050A, 4050B, 5050, 5310, 3744A, 3744B, 4844A, 4844B
	FasTop M	<ul style="list-style-type: none"> Thermal shock resistant Better resistance 	N/A	FasTop M	4040A, 4040B, 4070A, 4070B, 5075



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Cove Base <u>Area Description</u> Cove base is installed to provide a seamless transition from the horizontal plane of a floor slab to the vertical plane of a wall system. Integrated cove base provides a seamless, hygienic transition that facilitates cleaning and sanitation operations	FasTop Cove (See FasTop S)	Urethane cement cove base to complement FasTop systems	N/A	Fastop S	4040A, 4040B
	Epoxy Cove Paste 3561V	Epoxy cove paste for general cove base applications with same limitations as epoxy floor systems with regard to chemical resistance and thermal cycling properties	3561V	N/A	3561VA, 3561B
"Crack and Joint Filler Materials"	Stampede-1SL	Single component, self-leveling, moisture curing urethane sealant for use as a horizontal joint filler in dry areas. Urethane sealants should not be used in areas subject to standing water	001646058	N/A	Stampede-1SL
	Stampede-2SL	Two component, self-leveling, moisture curing urethane sealant for use as a horizontal joint filler in dry areas. Urethane sealants should not be used in areas subject to standing water	001638774	N/A	Stampede-2SL
	4700 Instant Patch	4700 Instant Patch Resin can be used to repair floors or as a mortar to resurface floors when the floor temperature cannot be brought to an acceptable minimum temperature for other topping systems. 4700 can be applied at temperatures as low as -10F.	4700	N/A	4700A, 4700B
	3580 Crack and Joint Filler	Two component, self-leveling, epoxy sealant for use as a horizontal crack and joint filler in dry or wet areas. Not well suited for cold or damp application conditions.	3580	N/A	3580A, 3580B
	Envirolastic JS80 Polyurea	Two component, self-leveling, polyurea sealant for use as a horizontal joint filler in wet or dry areas. JS 80 is well suited for cold temperature applications and cures to service very quickly.	B81V4000 Series	N/A	Envirolastic JS80 Polyurea
	Fox FX 570/571 Polysulfide	Two component, self-leveling, polysulfide sealant for use as a horizontal joint filler in wet or dry areas. FX570/571 offers superior chemical resistance and should be used in aggressive environments. Beware the relatively slow cure to service times.	N/A	N/A	Fox FX 570/571 Polysulfide



Area Type	System	System Benefits	Product Data	CSI Format Spec	MSDS
Wall Systems Wet Process / Wash-Down Areas Primers / Surfacers	Macropoxy 646	<ul style="list-style-type: none"> • Good quality multi-purpose polyamide epoxy that provides good physical properties • Cures quickly 	B58600 Series	N/A	Macropoxy 646
	Sher-Glass Epoxy	<ul style="list-style-type: none"> • Use as a primer for steel, galvanized metal, or concrete in constantly wet environments • Exhibits very good edge retentive properties • Good abrasion and chemical resistance 	B62-525 Series	N/A	Sher-Glass Epoxy
	Corothane I IronOx B	<ul style="list-style-type: none"> • Fast cure and quicker recoat times in cool, damp conditions • Provides good chemical and corrosion resistance • Disadvantages can be odor and relatively low DFT per coat 	B65A55	N/A	Corothane I IronOx B
	Steel Seam FT 910	<ul style="list-style-type: none"> • Used for filling and smoothing concrete and pitted steel • 100% solids and very low odor • Accepts a wide range of topcoats. 	B58W910 Series	N/A	Steel Seam FT 910
	Kem Cati-Coat HS Filler	<ul style="list-style-type: none"> • Used for filling and smoothing concrete • Accepts a wide range of topcoats • Beware potential odor issues during application and cure. 	B42W400 Series	N/A	Kem Cati-Coat HS Filler
Wall Systems Wet Process / Wash-Down Areas Topcoats	Tile-Clad HS	<ul style="list-style-type: none"> • Provides fast curing, good chemical resistance • Best resistance to yellowing • Prone to discoloration from heat and yeast exposure 	B62WZ100 Series	N/A	Tile-Clad HS
	Envirolastic PA	<ul style="list-style-type: none"> • Very fast return to service coating • Excellent chemical resistance and color fastness • Also provides a flexible and watertight membrane at thickness. • Very short pot life which makes brush and roll application difficult • Best applied through plural component spray equipment 	B65W50 Series	N/A	Envirolastic PA
	Corothane I HS	<ul style="list-style-type: none"> • Moisture curing polyurethane • Very good chemical resistance and color stability • Ideal for applications in cool, damp conditions where epoxy just won't work. Best used over a primer due to low DFT per coat • Suitable for use on steel, galvanized, and concrete. • Beware conditions of low humidity during application and cure. 	B65W50 Series	N/A	Corothane I HS
	Poly-Cote	<ul style="list-style-type: none"> • >50 g/L VOC, polyurethane coating • Excellent chemical resistance and color stability • Ideal for constantly wet areas and areas subject to steam cleaning • Relatively slow cure to service makes it more compatible with new construction or major renovation projects 	4685W	N/A	4685WA, 4685B



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<p>Wall Systems Dry Areas Topcoats</p>	Tile-Clad HS	<ul style="list-style-type: none"> • Chemical resistant • Dry film resists bacterial attack • Abrasion resistant • Low VOC • Mildew Resistant Hardener Available 	B62WZ100 Series	N/A	Tile-Clad HS
	Waterbased Tile Clad	<ul style="list-style-type: none"> • Corrosion resistant • Early moisture resistance • Low temperature cure (40°F) • Low VOC • Fast dry • Low odor • Nonflammable 	B73W111 Series	N/A	Waterbased Tile Clad
	Sher-Cryl HPA	High performance acrylic coating for use in non-washdown areas that require better performance than architectural coatings	B66W300 Series	N/A	Sher-Cryl HPA
	Envirolastic PA	Chemical resistance Color fastness. Flexible and watertight membrane Very short pot life Best applied through plural component spray equipment	B81V4400 Series	N/A	Envirolastic PA
	Corothane I HS	<ul style="list-style-type: none"> • Moisture curing polyurethane • Very good chemical resistance and color stability • Ideal for applications in cool, damp conditions where epoxy just won't work. Best used over a primer due to low DFT per coat • Suitable for use on steel, galvanized, and concrete. • Beware conditions of low humidity during application and cure. 	B65W50 Series	N/A	Corothane I HS
	Hi-Solids Polyurethane	<ul style="list-style-type: none"> • High performance polyurethane • Chemical resistance • Color stability • Slow cure to service time make it a better choice for new construction or major renovation work 	B65W300 Series	N/A	Hi-Solids Polyurethane
	Poly-Cote	<ul style="list-style-type: none"> • 100% Solids, -0- VOC, polyurethane coating • Excellent chemical resistance and color stability • Ideal for constantly wet areas and areas subject to steam cleaning • Relatively slow cure to service makes it more compatible with new construction or major renovation projects 	4685W	N/A	4685WA, 4685B



Area Type	System	System Benefits	Product Data	CSI Spec	MSDS
Wall Systems For all Wet and Dry areas	Sani-Glaze	<ul style="list-style-type: none"> • High performance epoxy wall system for areas subject to routine and aggressive washdown and sanitation practices • Excellent chemical resistance and very good abrasion resistance 	3479, 4408	Sani-Glaze	3479A, 3479B, 4408A, 4408B
	Sani-Flex	<ul style="list-style-type: none"> • High performance, flexible epoxy wall system • Excellent chemical resistance • Very good abrasion resistance. Incorporation of glass veil significantly improves tensile strength and impact resistance. Requires a high level of skill to properly install. 	3479, 3552W, 4685W	Sani-Flex	3479A, 3479B, 3552WA, 3552B, 4685WA, 4685B
	Sani-Fiber	<ul style="list-style-type: none"> • High performance water based epoxy system that incorporates glass fibers to reinforce the coating. • Provides very good impact and abrasion resistance. • Provides very good chemical resistance and is well suited for wash down areas • Good color stability • Provides a smooth tight surface with a stipple texture 	3462, 3462G, 4408	Sani-Fiber	3462A, 3462B, 3462G, 4408A, 4408B
Insulated Metal Panel Walls (IMP)	System 1				
	Corothane I IronOx B	A fast cure and quicker recoat times in cool, damp conditions on marginally prepared substrata. Provides good chemical and corrosion resistance. Disadvantages can be odor and relatively low DFT per coat	B65A11 Series	N/A	Corothane I IronOx B
	Envirolastic AR 425	Tough, waterproof intermediate coat that improves the system's fleibility and impact resistance	B81V3200 Series	N/A	Envirolastic AR 425
	Envirolastic PA	Chemical resistance Color fastness. Flexible and watertight membrane Very short pot life Best applied through plural component spray equipment	B81V4400 Series	N/A	Envirolastic PA
Corothane I HS Optional	Chemical resistance Color stability. Ideal for applications in cool, damp conditions where epoxy just won't work. Best used over a primer due to low DFT per coat. Suitable for use on steel, galvanized, and concrete. Beware conditions of low humidity during application and cure.	B65W50 Series	N/A	Corothane I HS Optional	



Area Type	System	System Benefits	Product Data	CSI Spec	MSDS
<p>Wall Systems For all Wet and Dry areas</p> <p>Insulated Metal Panel Walls (IMP)</p> <p>Designed to refinish IMP walls in food plant processing areas, coolers, and freezers.</p> <p>The system requires a high level of technical skill and specialized equipment to install.</p> <p>We currently offer this system only through certified contractors</p>	<p>System 2</p> <p>Corobond LT</p> <p>Envirolastic AR 425</p> <p>Envirolastic PA</p>	<p>Low temperature cure epoxy primer or fast cure primer</p> <p>Tough, waterproof intermediate coat that improves the system's fleibility and impact resistance</p> <p>Chemical resistance Color fastness Flexible and watertight membrane Very short pot life Best applied through plural component spray equipment</p>	<p>B62C435 Series</p> <p>B81V3200 Series</p> <p>B81V4400 Series</p>	<p>N/A</p> <p>N/A</p> <p>N/A</p>	<p>Corobond LT</p> <p>Envirolastic AR 425</p> <p>Envirolastic PA</p>
<p>FRP Flex-Wall System</p> <p>Designed to refinish and waterproof FRP walls in food plant processing areas, coolers, and freezers.</p> <p>The system requires a high level of technical skill and specialized equipment to install.</p> <p>We currently offer this system only through certified contractors</p>	<p>5531 Pre-Primer Tack Coat</p> <p>Envirolastic AR 425 Optional intermediate coat</p> <p>Envirolastic PA</p> <p>Corothane I HS Optional topcoat</p>	<p>An adhesion promoting pre-primer / tack coat designed for vitreous surfaces that also works well on many smooth surfaces. For use on FRP, the surface should be thoroughly cleaned to remove any surface contamination. Sanding the surface is not required</p> <p>Tough, waterproof intermediate coat that improves the system's fleibility and impact resistance</p> <p>Chemical resistance Color fastness Flexible and watertight membrane Very short pot life Best applied through plural component spray equipment</p> <p>Chemical resistance Color stability. Ideal for applications in cool, damp conditions where epoxy just won't work. Best used over a primer due to low DFT per coat. Suitable for use on steel, galvanized, and concrete. Beware conditions of low humidity during application and cure.</p>	<p>5531</p> <p>B81V3200 Series</p> <p>B81V4400 Series</p> <p>B65W50 Series</p>	<p>N/A</p> <p>N/A</p> <p>N/A</p> <p>N/A</p>	<p>5531</p> <p>Envirolastic AR 425</p> <p>Envirolastic PA</p> <p>Corothane I HS</p>



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