

Food & Beverage

Facility Coatings



All coating systems are not created equal

Their physical and performance characteristics are varied, making it important to select the system that will meet the demands of specific areas within a food and beverage facility.

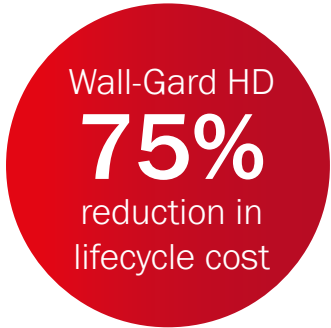
Chemical resistance and thermal shock are common challenges within these facilities that can prematurely age a system or cause coating failure. Slip resistance and cleanability can impact employee and product safety.

Neogard® manufactures a variety of high performance coating solutions to withstand the demanding environments in the food and beverage market as well as coatings to protect the remainder of the building envelope.

We have coating solutions for the entire Food & Beverage industry including:

- Bakery
- Meat & Fish Processing
- Freezers & Cold Storage
- Beverage & Bottling Lines
- Kitchen & Production Lines

Advanced Coating Technology



Neocrete

Neocrete is a cementitious polyurethane floor coating system ideal for the demanding environments found within a food and beverage facility.

Neocrete has increased impact, wear, and abrasion resistance that stands up to heavy machinery and equipment used within those facilities. Its exceptional chemical resistance and thermal shock tolerance exceeds the requirements for flooring protection and cleanability.

Neocrete's fast return to service allows for shorter facility downtime and the system can be installed under a wide range of temperatures and environments, including over quarry tile and damp concrete.

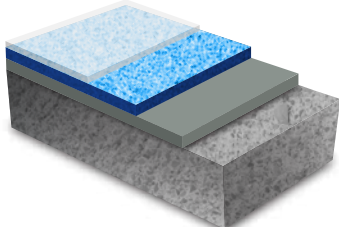
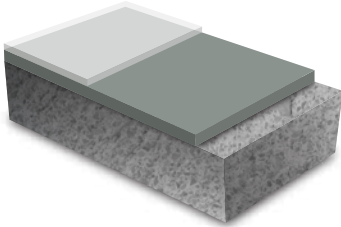
Typical Applications

Industrial Floors

A neat or broadcast system provides excellent resistance to aggressive chemicals, abrasion, heavy impacts, and is formulated to withstand thermal shock stresses, such as hot water and daily steam cleaning.

Decorative Floors

A decorative flake or quartz broadcast and high solids CRU topcoat over Neocrete provides excellent resistance to aggressive chemicals, abrasion and impacts while providing slip resistance and a decorative finish.



Wall-Gard HD

Wall-Gard HD is a high-performance wall coating system with an optional fabric reinforcement for added protection against impacts from carts, material handling equipment and rolling racks.

Its exceptional scrub and chemical resistance make it ideal for environments where maintaining a sanitary work environment is essential.

With a durability four times greater than standard interior paint, facilities can achieve a 75% reduction in lifecycle cost by extending repaint cycles and reducing the facilities out of service time.

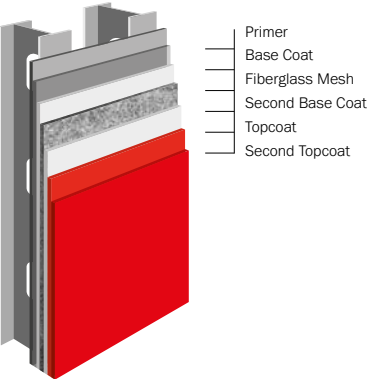
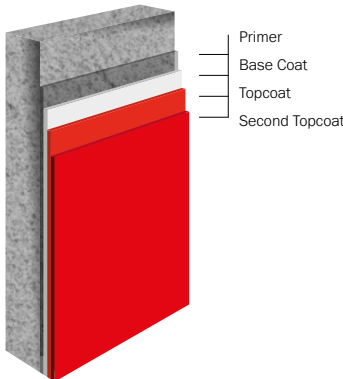
Typical Applications

System 1 for Concrete or Block Walls

This basic system is highly durable with low odor and VOC, as well as exceptional scrub and chemical resistance.

System 2 with Fiberglass Reinforcement for Drywall

Incorporating fiberglass mesh into the system makes it ideal for high traffic areas where walls may be subject to impact abuse.



The high performance you need



Seamless floor to ceiling protection



Bakeries

Bakery walls can be subject to impacts from carts and racks. With Wall-Gard HD, facilities can protect their walls while also providing a durable and cleanable surface. Bakery floors are exposed to flour, eggs, sugars, oil and yeast, providing a potentially hazardous environment for employee slip and falls. Bakery flooring solutions require a system that can handle heavy duty cleaning with aggressive chemicals while also resisting staining and thermal shock. Using Wall-Gard HD and Neocrete with a cove transition, facilities can provide seamless floor to ceiling protection.



Meat & Fish

Meat and fish processing areas are constantly challenged by the aggressive cleaning products required for areas exposed to blood, grease, and oils. Floors must also provide adequate slip resistance for employee safety. A combined seamless Wall-Gard HD and Neocrete application provides the best protection while maintaining a safe and sanitary working environment.



Freezers & Cold Storage

Freezers and cold storage rooms require flooring solutions that can be installed in environments with lower temperatures and can closely match the contraction and expansion properties of the concrete substrate without failing in extreme temperatures. Neocrete is the ideal flooring solution for those extreme cold environments.



Beverage & Bottling Lines

Beverage and bottling line floors and walls are constantly exposed to mechanical vibrations, heavy duty cleaning products, spills, and impacts. The combination of Neocrete and Wall-Gard HD will provide seamless protection and a safe and sanitary work environment.



Kitchens & Production Lines

Kitchens and production lines are at the heart of many food processing facilities. With daily exposure to oil, grease, and heavy duty cleaning products the flooring system used must be capable of withstanding thermal cycling and the rigorous cleaning required to maintain a safe and sanitary slip resistant environment.

Total Coatings Solutions

Building Envelope

Neogard products offer coating system solutions for the building envelope from vehicular and pedestrian traffic coatings, protective roof coatings, seamless flooring to elastomeric wall coatings.

High performance coating solutions that withstand demanding environments

Industrial Flooring Systems

Neocrete RT	Rake-and-trowel applied, water-dispersed polyurethane resin combined with a powder aggregate
Neocrete SL or SL Broadcast	Self-level grade cement based water dispersed polyurethane mortar in smooth or with broadcast for texture
Neocrete Trowel	Trowel grade cement based water dispersed polyurethane mortar
Novolac 32	Superior chemical resistant, 100% solids Novolac epoxy system with optional texture coat
Novolac 125	Heavy duty, superior chemical resistant, 100% solids Novolac epoxy system with optional texture coat
KitchenGard 3/16"	Epoxy resin system with slurry base coats, quartz aggregate and Novolac epoxy seal coats

Decorative Flooring Systems

Neocrete SL Flake	Self-level grade cement based water dispersed polyurethane mortar with texture and decorative flake finish
Neocrete SL Quartz	Self-level grade cement based water dispersed polyurethane mortar with texture and decorative quartz finish
Neoflake	Thin film, 100% solids epoxy system with PVC flakes
NeoQuartz Broadcast	100% solids, epoxy broadcast system with quartz
NeoQuartz Trowel	100% solids, epoxy trowel system with quartz

Wall Coating Systems

Wall-Gard HD	Cleanable and durable, urethane and epoxy wall & ceiling coating system
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Fluid-Applied Roof Coating Systems

Acrylithane HS2	Acrylic urethane for lasting color over metal roofs and other metal surfaces
Elasta-Gard M	Aliphatic urethane system for use over metal surfaces
Elastacryl M	Acrylic system for use over metal surfaces
Elasta-Gard C	Aliphatic urethane system for use over concrete surfaces
Elasta-Gard SP	Aliphatic urethane system for use over single ply membranes such as TPO, PVC, EPDM, etc
Elastacryl SP	Acrylic system for use over single ply membranes such as TPO, PVC, EPDM, etc
Elasta-Gard BUR/MB	Aliphatic urethane system for use over smooth surfaced BUR/MB or granulated cap sheet
Elastacryl BUR/MB	Acrylic system for use over smooth surfaced BUR/MB or granulated cap sheet



“ Our washout area floors have been given new life! We are incredibly pleased with the Wall-Gard HD & Neocrete applications and results!

Brad Boness - Mountain Man Nut & Fruit Co.

Selected Projects

Project	Location	Products	Year
Syracuse University Life Sciences Cafeteria	Syracuse, NY	Neocrete SL Quartz	2018
Mountain Man Nut & Fruit Company	Parker, CO	Neocrete SL and fabric reinforced Wall-Gard HD	2017
Pepsi, Co. Dry Goods Distribution Center	Panama Pacifico, Panama	35,000 sf of CG-65	2017
Harvest Meats Bacon & Sausage Plant	Saskatchewan, Canada	14,000 sf of Neocrete SL	2016
PepsiCo	Arlington, TX	130,000 sf Permathane II	2015
Marriott Gateway Kitchens	Atlanta, GA	Neocrete SL Broadcast with a Novolac Top coat system	2014
Pat O'Brien's	Destin, FL	6,200 sf of Permathane II FR	2008
Maple Leaf Foods Bacon Plant	Saskatchewan, Canada	20,000 sf of Neocrete SL	2005
Coca-Cola Foods	Oakland, CA	Neocrete SL	2004
Maple Leaf Foods Weiner & Sausage Plant	Saskatchewan, Canada	110,000 sf of Neocrete SL	2001
CanGro Foods Canola Oil Plant	Saskatchewan, Canada	10,000 sf of Neocrete SL	2001



Neogard, A part of Hempel, manufactures high-performance coatings specified and used for structures across the globe for over 60 years. Neogard's coating systems protect the building envelope through vehicular and pedestrian traffic coatings, protective roof coatings, seamless flooring and elastomeric wall coatings.

You can find Neogard coatings in Major Stadiums and Arenas, Office Buildings, Universities, Hospitals, Hotels and Casinos, Airports and Hangers, Government Facilities, Manufacturing Plants and more.

About Hempel

As a world-leading supplier of trusted coating solutions, Hempel is a global company with strong values, working with customers in the protective, marine, decorative, container and yacht industries. Hempel factories, R&D centers and stock points are established in every region. Across the globe, Hempel's coatings protect surfaces, structures and equipment. They extend asset lifetimes, reduce maintenance costs and make homes and workplaces safer and more colorful. Hempel was founded in Copenhagen, Denmark in 1915. It is proudly owned by the Hempel Foundation, which ensures a solid economic base for the Hempel Group and supports cultural, social, humanitarian and scientific purposes around the world.

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