



# Hybri-Gard™ Hybrid Flooring Systems

The ultimate solution for your resinous flooring needs.

[neogard.com](http://neogard.com)



# Introducing

# THE NEOGARD FAMILY OF HYBRI-GARD™ FLOORING SYSTEMS



## **Performance. Flexibility. Customization.**

At Neogard, we understand that every flooring need is unique. That's why we're proud to introduce the Neogard Family of Hybri-Gard™ Floor Systems - the ultimate solution for your resinous flooring needs.

## **Unparalleled Performance**

Our Hybri-Gard™ flooring systems offer unmatched performance, providing a durable and long-lasting solution for a wide range of applications. Whether it's in industrial settings or commercial spaces, you can trust Neogard to deliver exceptional quality and reliability.

## **Operational Flexibility**

With Neogard's Hybri-Gard™ flooring systems, flexibility is key. We offer the ability to completely customize your resinous flooring systems to suit your specific requirements. Whether you need chemical resistance, impact resistance, or high traffic durability, our systems can be tailored to meet your exact needs.



## **Customization Options**

One of the key benefits of our Hybri-Gard™ floor systems is the ability to combine various technologies into one flooring system to ultimately provide the customer the most effective flooring system for their needs. This flexibility allows you to choose the perfect combination of coatings depending on the use area and space requirements. With Neogard, you have the power to create a flooring solution that is truly tailored to your needs.

## **Experience the Neogard Difference**

Join the countless applicators who trust Neogard for their resinous flooring needs. Experience the performance, flexibility, and customization options of the Neogard Family of Hybri-Gard™ Flooring Systems today.

MEETS LEED 4.1 — CUSTOM COLOR MATCHES AND BLENDS AVAILABLE

# HYBRI-GARD™ E 3/16" - 1/4" SYSTEMS

**Durable and Decorative Hybrid Urethane & Epoxy Systems**  
**Utilize our epoxy topcoats in applications where you need:**

- A durable and highly functional flooring solution
- High wearability and impact resistance
- High aesthetic value combined with high strength

## Hybri-Gard EF

Decorative epoxy flake system that provides flexibility in design and allows for customization to meet specific aesthetic preferences or project requirements. Decorative epoxy flake systems are versatile and can be installed in various indoor and outdoor environments. They are commonly used in areas such as clean rooms, institutional, retail spaces, restaurants, schools, and healthcare facilities.

- Neocrete SL – Urethane Cement
- Broadcast Flake
- Epoxy Topcoat



## Hybri-Gard EQ

Epoxy decorative quartz systems are versatile and can be installed in various indoor and outdoor environments. They are commonly used in areas such as commercial kitchens, locker rooms, retail stores, supermarkets, restaurants, hotels, and offices.

- Neocrete SL
- Broadcast Quartz
- Epoxy Topcoat

## Hybri-Gard EB

A 100% solids, natural quartz system utilizing neutral colored aggregate with pigmented coatings. Quartz is available in two grades: 40-S Broadcast Grade (40 Mesh, Spherical), and 25-A Trowel Grade (25 Mesh, Angular). Epoxy solid color broadcast systems are versatile and can be installed in various indoor and outdoor environments. They are commonly used in areas such as manufacturing facilities, loading docks, restaurants, schools, and healthcare facilities.

- Neocrete SL
- Aggregate Broadcast
- Solid color Epoxy Topcoat

# HYBRI-GARD™ P - 3/16" TO 1/4" SYSTEMS FAST CURING, UV-STABLE POLYASPARTIC SYSTEMS

## Utilize our Polyaspartic Topcoats where you need:

- Excellent UV stability
- Chemical resistance
- Abrasion resistance
- Durable and long-lasting finish
- Fast turnaround

### Hybri-Gard PF

Polyaspartic topcoat system to provides excellent UV stability, chemical resistance, and abrasion resistance. The flake broadcast provides decorative options, while providing a durable and long-lasting finish that can withstand heavy foot traffic, impacts, and exposure to harsh environmental conditions. Polyaspartic flake systems are suitable for a wide range of use areas, including, commercial, industrial, and institutional settings, where durability, aesthetics, and ease of maintenance are essential considerations.

- Neocrete SL
- Flake Broadcast
- Polyaspartic Topcoat



### Hybri-Gard PQ

A decorative quartz system provides not only a visually appealing finish but also a durable and versatile solution for enhancing the aesthetic appeal of any space, making it a popular choice among architects, designers, and property owners alike.

- Neocrete SL
- Quartz Broadcast
- Polyaspartic Topcoat

### Hybri-Gard PB

Overall, a 100% solids, natural quartz system utilizing neutral colored aggregate with pigmented coatings combines the durability of quartz with the flexibility of pigmented coatings to create visually stunning and long-lasting surfaces for diverse applications.

- Neocrete SL
- Aggregate Broadcast
- Pigmented Polyaspartic Topcoat

# HYBRI-GARD™

## M - 3/16" TO 1/4" SYSTEMS

**Fastest Curing, Chemical Resistant Methyl methacrylate Systems**  
**Utilize our MMA Topcoats where you need:**

- Rapid return to service with limited downtime
- Chemical resistance
- Abrasion resistance
- Temperature Tolerance
- Durable, long-term performance Hybri-Gard MF

MMA flake systems are versatile and can be installed in various indoor and outdoor environments, including commercial and industrial spaces. They are commonly used in areas such as Commercial kitchens, Supermarkets, Amusement parks, retail stores, schools, and healthcare facilities.

- Neocrete SL
- Flake Broadcast
- MMA Topcoat

### **Hybri-Gard MQ**

MMA quartz systems offer a high level of customization. The quartz aggregate comes in different colors and blends, allowing for the creation of custom designs to match the aesthetic requirements of the space. Additionally, the size and density of the quartz particles can be adjusted to achieve specific visual effects. The resulting surface is highly durable and suitable for high-traffic areas in commercial, industrial, and institutional settings.

- Neocrete SL
- Quartz Broadcast
- MMA Topcoat

### **Hybri-Gard MB**

MMA broadcast solid color systems offer a fast, durable, and customizable flooring solution that combines the benefits of MMA resin with the aesthetic versatility of solid color coatings and the durability of broadcast aggregates. They are commonly used in a wide range of applications, including retail stores, restaurants, healthcare facilities, and educational institutions.

- Neocrete SL
- Aggregate Broadcast
- Pigmented MMA Topcoat

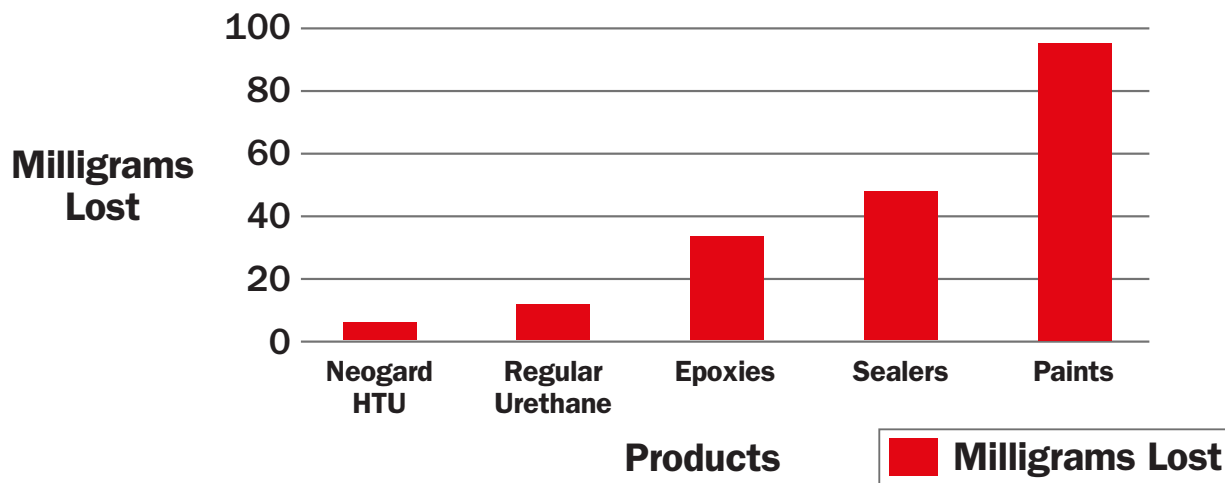
### **Hybri-Gard MF**

MMA Flake systems offer rapid installation and cure times, minimizing downtime, allowing your facility to return to operation quickly, and offering aesthetic versatility with a variety of flake sizes and colors to create a customized, visually appealing finish. MMA Flake is highly resistant to abrasion, impact and chemical, making it perfect for high-traffic areas and harsh industrial environments.

- Neocrete SL
- Flake Broadcast
- MMA Topcoat

# WEAR LIFE CHARACTERISTICS OF TYPICAL FLOOR COATINGS BASED ON ASTM TESTING METHOD D-4060

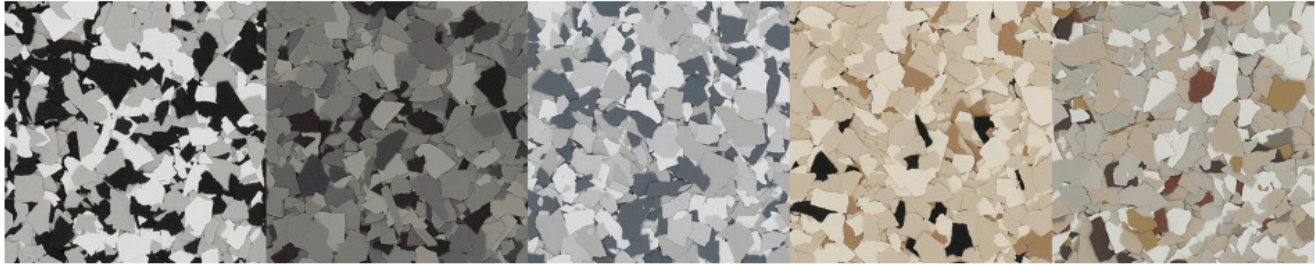
**Taber Abrasion Comparison**



## Physical Properties

Tensile Strength	6,250 psi	ASTM D2370
Taber Abrasion	6-8 mg/1,000 cycles	ASTM D4060 CS-17-A:B:C
Shore D	83	ASTM D2240
Hardness	4H	ASTM D3363
Volume Solids (Mixed)	92%	Calculated
VOC	<25 g/L	ASTM D5201

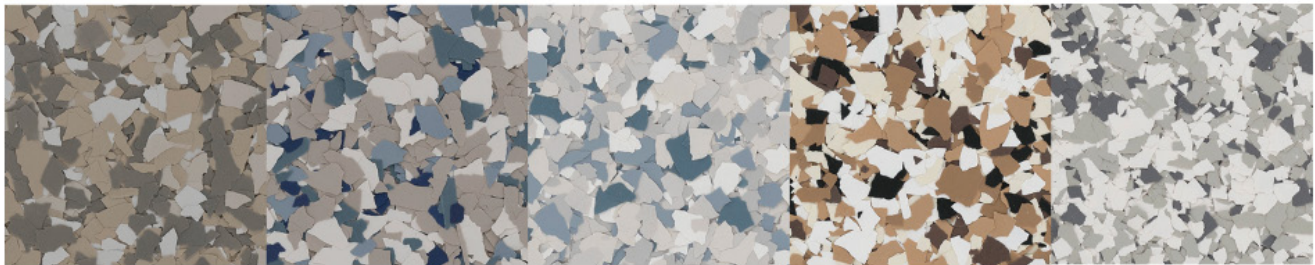
# FLAKE BLENDS



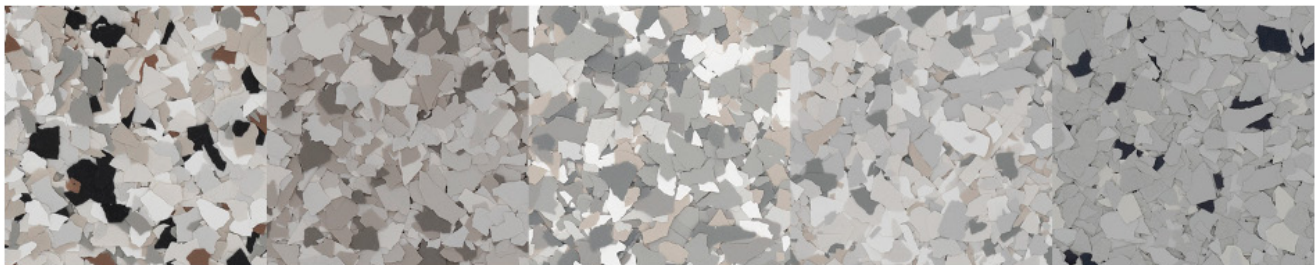
Domino FB-411 1/4" Nightfall FB-715 1/4" Gravel FB-414 1/4" Shoreline FB-421 1/4" Creekbed FB-716 1/4"



Outback FB-517 1/4" Wombat FB-616 1/4" Orbit FB-310 1/4" Cabin Fever FB-127 1/4" Stonehenge FB-427 1/4"



Madras FB-706 1/4" Stonewash FB-708 1/4" Tidal Wave FB-807 1/4" Bean FB-960 1/4" Snowfall FB-602 1/4"



Coyote FB-513 1/4" Dovetail FB-823 1/4" Stoney Creek FB-806 1/4" Rocky Ridge FB-801 1/4" Galaxy FB-907 1/4"

## STANDARD SOLID COLORS



Dark Grey Silver Grey Beige Light Beige Yellow Green Red Blue White Black

# QUARTZ BLENDS



Twilight QB-1010    40-S    Matrix QB-1009    40-S    Crystal QB-1001    40-S    Eclipse QB-1008    40-S    Davenport QB-1014    40-S



Dalmatian QB-1007    1/4"    Driftwood QB-1015    40-S    Biscuit QB-1013    40-S    Quicksand QB-1006    40-S    Marina QB-1019    40-S



Ruby QB-1025    40-S    Solstice QB-1003    40-S    Coconut QB-1012    40-S    Oyster QB-1004    40-S    Tundra QB-1002    40-S



Breaking Dawn QB-1011    40-S    NewMoon QB-1018    40-S    Oxford QB-1005    40-S    Cinnamon QB-1023    40-S    Clearwater QB-1020    40-S



# MARKET SEGMENTS



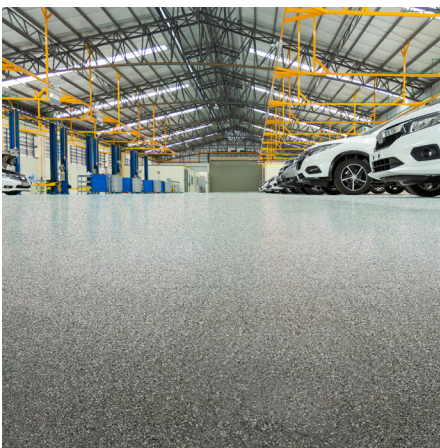
## Food and Beverage Manufacturing

Urethane cement, combined with polyaspartic or MMA topcoats cure within a few hours. This allows for minimal downtime in manufacturing facilities, which is critical for maintaining production schedules. In areas where food and beverages are processed, Hybri-Gard™ Polyaspartic and MMA coatings help maintain a hygienic environment by providing a seamless and impermeable surface that resists contamination.



## Education

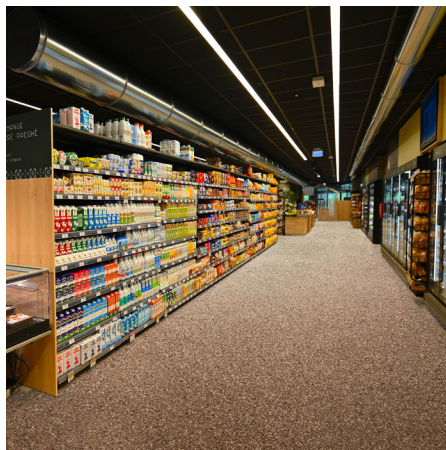
At Neogard, we understand that every flooring need is unique, especially in educational environments. Our Hybri-Gard™ epoxy floor systems, start with an urethane cement base and offer unmatched performance, providing a durable and long-lasting solution ideal for schools, universities, and educational facilities. With high foot traffic, spill risks, and the need for easy maintenance, our flooring systems are designed to withstand the daily demands of educational environments.



## Manufacturing & Industrial

Our Hybri-Gard™ epoxy floor systems offer unmatched performance, providing a durable and long-lasting solution ideal for manufacturing and industrial facilities. With exposure to heavy machinery, fork lift traffic, chemical spills, and extreme wear our flooring systems are designed to withstand the daily demands of these environments and start with a urethane cement base. This system allows owners to reduce cleaning costs due ease of maintenance.

# MARKET SEGMENTS



## Retail & Grocery

Hybri-Gard™ Polyaspartic and MMA floor systems offer a robust, hygienic, and aesthetically pleasing flooring solution for restaurants and food service environments. The smooth, seamless surface of Polyaspartic or MMA coatings makes them easy to clean and maintain. This is essential for maintaining hygiene standards in food service environments. Their rapid curing time allows minimal downtime for owners with limited loss of revenue. When combined with the systems excellent durability and ease of maintenance, this makes them an ideal choice for these high-demand settings.



## Healthcare

Resinous flooring is a practical and effective choice for healthcare facilities due to its hygienic properties, durability, and versatility. It contributes significantly to maintaining a clean, safe, and aesthetically pleasing environment for both patients and healthcare professionals. Hybri-Gard™ epoxy, Polyaspartic and MMA systems stand up to routine cleaning with appropriate disinfectants to maintain hygiene and are chemical resistant to handle potential spills and slip-resistant.



## Hospitality & Entertainment

Hybri-Gard™ polyaspartic and MMA coatings are highly resistant to abrasion, making them ideal for high-traffic areas such as hotel lobbies, corridors, and entertainment venues. They can withstand exposure to cleaning chemicals, spills, and other substances, ensuring longevity and maintaining aesthetic appeal. The fast curing time also allows for multiple coats to be applied in a single day, speeding up project completion. Polyaspartic and MMA coatings can be customized with various colors, finishes, and textures, including high gloss, matte, and decorative patterns. This versatility helps in enhancing the visual appeal of spaces like hotel lobbies, restaurants, and entertainment areas and can be formulated to include slip-resistant properties.

## SYSTEMS BY MARKET SEGMENTS

Properties	Restaurants & Food Service Service	Food & Beverage Manufacturing	Education	Manufacturing & Industrial	Retail & Grocery	Healthcare	Hospitality & Entertainment
Hybri-Gard EF			X	X		X	
Hybri-Gard EQ			X	X		X	
Hybri-Gard EB			X	X		X	
Hybri-Gard PF	X	X	X	X	X	X	X
Hybri-Gard PQ	X	X	X	X	X	X	X
Hybri-Gard PB	X	X	X	X	X	X	X
Hybri-Gard MF	X	X	X	X	X	X	X
Hybri-Gard MQ	X	X	X	X	X	X	X
Hybri-Gard MB	X	X	X	X	X	X	X

# Interior Resinous Floor Coating Systems

Proven Durable Flooring Solutions for Industrial, Commercial & Sterile Environments



Neogard Floor Coating products include Epoxies, Chemical Resistant Urethanes, Polyaspartic, Urethane Cements, MMA (Methyl Methacrylate) and Moisture Mitigating Primer.

## 1961



## 2015



## 2023



## 2024



**JONES BLAIR**

Neogard (based in Dallas, TX) manufactures high performance resinous coating systems specified and used on concrete across North America since 1961, when Neogard became a division of the Jones-Blair Company.



**HEMPEL**

Neogard was acquired by the Hempel Group in 2015, a global foundation owned company with roots in the coatings industry dating back to 1915 in Denmark.



Neogard launches FTS MMA (Methyl Methacrylate)



Neogard launches Hybrid Resinous Flooring System



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 Hangars, 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, RD 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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