POLYMER NATION

SETTING THE STANDARD

High-Performance Industrial and Decorative Coatings

SYSTEM

POLY-GUARD

POLYSCAPES DECORATIVE FLOOR SYSTEM

system

162

SYSTEM 162

POLY-GUARD

POLYSCAPES DECORATIVE FLOOR SYSTEM

POLY-GUARD 162 provides designers with endless floor finish creations. This proprietary blend of natural and synthetic materials delivers the look of stone, terrazzo and marble while providing an extremely durable and resilient floor finish.

COMMON APPLICATIONS

162 is typically installed over clean prepared concrete where a more sophisticated floor finish is desired. Specific applications include, but are not limited to: Schools, Hospitals, Research Laboratories, Retail, Lobbies and Corridors.

BASE COMPONENTS

P-99 / SP-91 / 1440 / U-51

LEED MATRIX [NC 2009]

	YES	NO
MRc1.1 Building Reuse	✔	
MRc2 Construction Waste Management	✔	
MRc4.1 Recycled Content		✔
MRc6 Rapidly Renewable Materials	✔	
IEQc4.2 Low Emitting Materials	✔	

PHYSICAL PROPERTIES

Description	Standard	Results
Tensile Strength	ASTM C307	3,270 p.s.i.
Compressive Strength	ASTM C579	12,500 p.s.i.
Modulus of Elasticity	ASTM C580	N/A
Flexural Strength	ASTM C580	5,150 p.s.i.
Impact Resistance	ASTM D2794	>160 inch pounds
Abrasion Resistance CS17 1000 g	ASTM D4060	0.014g (U51 with AO Topcoat
Flammability When Adhered to Concrete	ASTM D635	Self-Extinguishing
Adhesion to Concrete	ASTM D7234	>450 Substrate failure
Wet SCOF (Static Coefficient of Friction)	ASTM E303	0.7
Accelerated Weathering Testing	ASTM G154	Slight Yellowing

Physical properties can be improved by selecting different components. Should you require higher performance than our base system components, please speak to a Polymer Nation Coating Engineer.

* when higher abrasion resistance is required the addition of PN 1336 to the coating should be included.

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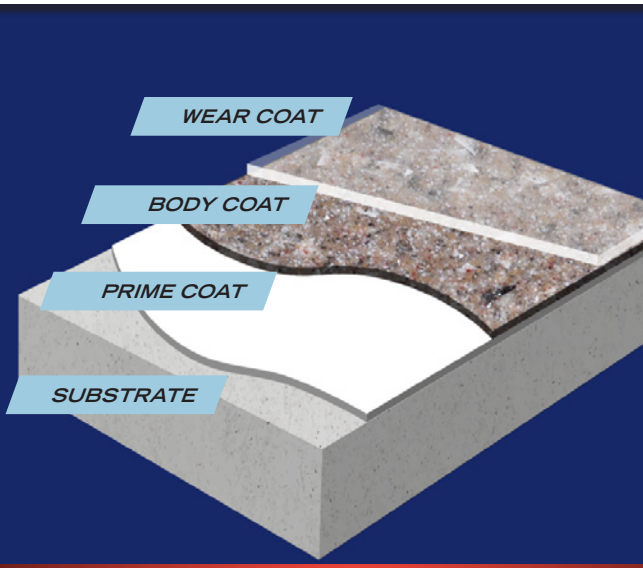
SETTING THE STANDARD



OPTIONS

Cove Bases: Available

Colors: see back panel

	A	B	C
Texture	✔	✔	

Polymer Nation offers 3 categories of finish Textures. Texture A is our smoothest finish. Texture B is our mid-level slip resistant finish and Texture C is our highest level slip resistant finish. Custom textures can be engineered to meet specific design requirements. A mock up is recommended as the best way to ensure customer satisfaction.

Waterproofing Membrane: Not Available

Optional Finish Coats:

Non-Skid	See U-51 TDS for non-skid information.

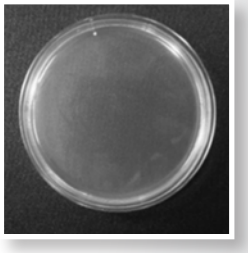
Antimicrobial: Available | **PN 1498 MICRO-GUARD** | **Proprietary Anti-Microbial Pathogen Additive**

What is PN MICRO-GUARD?

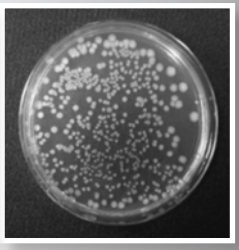
- PN MICROGUARD is ionic silver, bound in an inorganic matrix which hinders microbial growth and kills the bacteria
- 99.9997 % reduction of bacteria, fungi and actinomycetes

Advantages of PN MICRO-GUARD!

- Safety: Low Toxicity, long history of use
- EPA & FDA Registered for products in USA
- Longevity, accelerated testing shows 3-7 years
- Compounded throughout the material
- Adequate reservoir of silver at the surface level that does not require abrading to activate
- Not affected by surface wear



With MICRO-GUARD



Without MICRO-GUARD

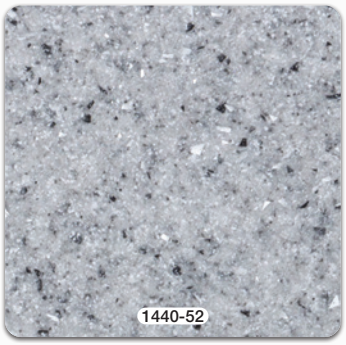
SYSTEM
162

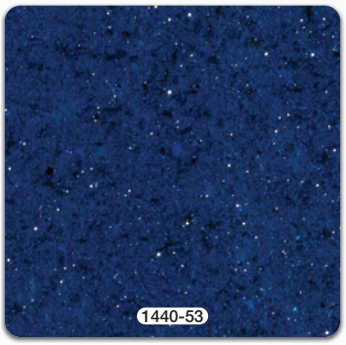
COLORS

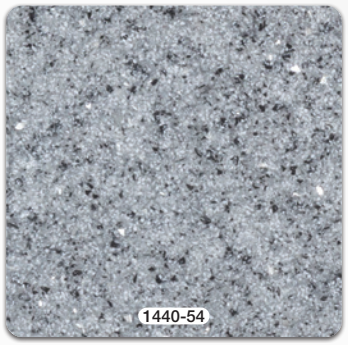
For additional or custom system configurations, please contact your Polymer Nation Consultant.

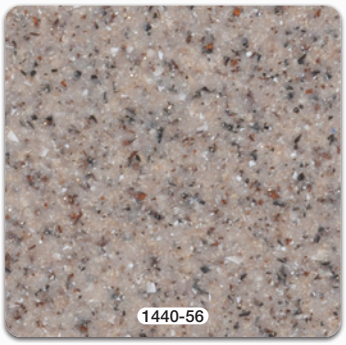
Custom colors upon request, actual colors may vary.

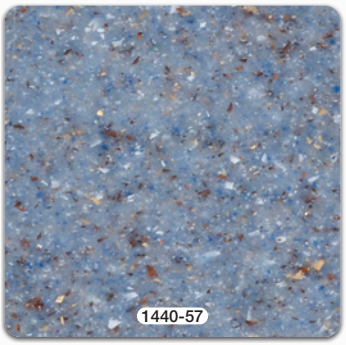
1440 SCAPE COLORS

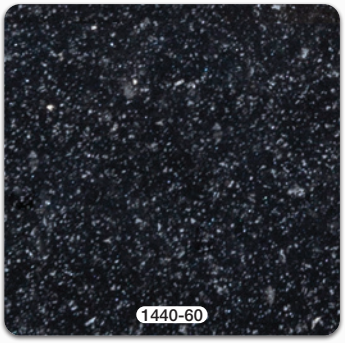












POLYMER NATION
(847) 774-5038 | polymernation.com

See website for additional colors

160-03-26

In the unlikely event of a problem, a resolution is one phone call away with the assurance that the blame game will not be a part of the process. Our goal is to develop long lasting relationships with our customers.

WE PLEDGE TO DO WHATEVER WE CAN TO BRING OUR CUSTOMERS THE HIGHEST LEVEL OF SATISFACTION!