



**PERFORMANCE
ROOF SYSTEMS™**
A SOPREMA GROUP COMPANY



DERBIFLASHRS

LIQUID-APPLIED WATERPROOFING

DERBIFLASH RS

LIQUID-APPLIED WATERPROOFING

MULTIPLE CHALLENGES ONE

SOLUTION

Performance Roof Systems new line of polymethyl methacrylate (PMMA) liquid-applied membranes includes a complete offering of resins, reinforcements and accessories that provide seamless waterproofing solutions. DerbiFlash RS liquid-applied membranes prove to be outstanding in their performance, durability and application flexibility. Whether the project calls for pedestrian or vehicular trafficable systems, is in a hard to access area, or requires a high chemical resistance, Performance Roof Systems has the solution.

PROVEN PERFORMANCE: Proven reliable, PMMA resins are highly resistant to weathering and UV radiation. When used in combination with polyester reinforcement, DerbiFlash RS resins provide long-lasting waterproofing performance.

UNBEATABLE VERSATILITY: DerbiFlash RS systems can be used to waterproof a variety of projects, including plaza decks, balconies or roofs. DerbiFlash RS offers customized solutions that handle even the most demanding challenges with ease.

SEAMLESS & MONOLITHIC: DerbiFlash RS liquid membranes are a chemical cure, and do not rely on moisture, air or time to fully cure. This not only provides a rapid set cure time, but also creates a chemical bond at all seams and joints.

RAPID-CURING: DerbiFlash RS Systems have particularly fast curing times and can be rainproof within 30 minutes. This means a DerbiFlash RS system can be installed and trafficable within as little as 8 hours.

APPLICATION ADVANTAGES: DerbiFlash RS liquid membranes provide excellent water resistance and are self terminating providing the ideal solution for difficult geometries. These solutions are also ideal when there is a need for heat and chemical resistance.

SUSTAINABILITY: DerbiFlash RS systems can be applied over some existing roof systems and membranes as an exposed roofing waterproofing layer. DERBIFLASH RS systems can also be installed over an existing PMMA surfacing creating a long sustainable life cycle.

SYSTEM COMPONENTS

DerbiFlash RS combines a PMMA (polymethyl methacrylate) resin with a high-strength polyester reinforcement to form a seamless, UV stable, highly elastomeric waterproofing membrane.

Besides delivering exceptional performance, all of the DerbiFlash RS family of products are chemically cured with the addition of a catalyst. This provides our customers with a fast curing product that is rainproof within 30 minutes.

At Performance Roof Systems, we understand that each and every project presents its own set of challenges. That's why DerbiFlash RS offers an array of primers, resins and finishes that are carefully developed to optimize performance under a variety of conditions and substrate applications.



DERBIFLASH RS SYSTEM PRODUCTS

>> PRIMERS

276 PRIMER	Rapid-setting PMMA primer utilized to promote adhesion over concrete, masonry
222 PRIMER	Rapid-setting PMMA primer utilized to promote adhesion to asphaltic surfaces
METAL PRIMER	Acrylic-based primer utilized to promote adhesion to metal substrates
AQUAFIN PRIMER	Epoxy-based moisture migration primer

>> BASE RESINS

230 FIELD	(Winter & Summer Grade) PMMA-based resin for horizontal application
230 FLASH	(Winter & Summer Grade) PMMA liquid resin for use in flashing applications

>> TOP COAT RESINS & FINISHES

281 CLEAR FINISH	Clear PMMA top coat for decorative vinyl chips and quartz surfaces
287 COLOR BASE*	Rapid-setting PMMA liquid resin used in conjunction with DerbiFlash RS Color Additive to create a pigmented color finish surface layer
289 TEXTURED BASE*	Rapid-setting PMMA liquid resin with integrally mixed aggregate utilized as a slip resistant surfacing layer for pedestrian and light vehicular surfacing
TEXTURED COATING	Rapid-setting, PMMA liquid resin with integrally mixed large aggregate primarily used with vehicular traffic installations at ramps and turning radii

>> REPAIR RESINS

210 MORTAR BASE	Rapid-setting PMMA resin utilized in conjunction with DerbiFlash RS 223 Mixing Powder to create DerbiFlash RS 233 Self Leveling Mortar
223 MIXING POWDER	Cementitious filler used in conjunction with DerbiFlash RS 210 resin to create DerbiFlash RS 233 Self Leveling Mortar
PASTE	PMMA patching resin used for substrate preparation and repairs

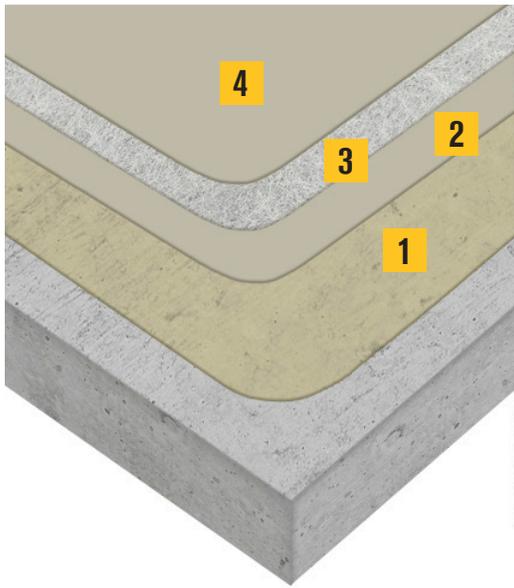
>> ACCESSORIES

CLEANER	Solvent-based solution used to clean and prepare substrate and transitions
CATALYST	Reactive agent used to induce curing of DerbiFlash RS resin products
DETAILER	Micro-fiber enhanced, rapid setting PMMA flashing resin used for waterproofing small and difficult penetrations
FLEECE	Non-woven, polyester fabric reinforcement
COLOR ADDITIVE	High-quality, concentrated pigments designed to be mixed with DerbiFlash RS resins 287 and 289
VINYL CHIPS	Solid, pigmented acrylic chips used to create decorative aesthetic finishes
QUARTZ AGGREGATE	(Natural or Colored) Utilized as a slip resistant and decorative surfacing option
LIQUID THIXO	Thixotropic additive that increases resin viscosity to reduce slumping and run-off

* DerbiFlash RS 287 and 289 are only approved for use over rigid deck types (Concrete or LWIC).

Ideal for refurbishment, repairs or new builds, DerbiFlash RS fully reinforced liquid-applied systems form a totally seamless, UV stable, elastomeric membrane. Whatever your roofing project entails, DerbiFlash RS delivers reliable long-term solutions that can handle even the most demanding challenges with ease.

ROOFING & WATERPROOFING



APPROVED SUBSTRATES

- » Wood
- » Concrete
- » BUR
- » Modified Bitumen*
- » Metal
- » PVC
- » Brick or Masonry

**Includes smooth and mineral-surfaced*

SYSTEM COMPONENTS*

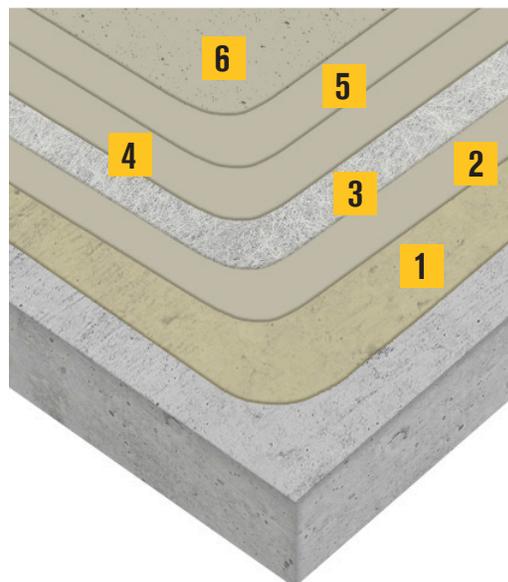
- | | |
|---|----------------------------------|
| 1 | DerbiFlash RS System Primer |
| 2 | DerbiFlash RS 230 Field or Flash |
| 3 | DerbiFlash RS Fleece |
| 4 | DerbiFlash RS 230 Field or Flash |

**For roofing and waterproofing assemblies, finishes and surfacing are entirely optional.*



Balconies, walkways and terraces are among the most unique components of building design. Without a doubt these spaces can be incredibly complex, drastically varying in designs and uses. DerbiFlash RS offers waterproofing solutions that deliver beautiful aesthetics without comprising performance.

TRAFFICABLE SURFACES



APPROVED SUBSTRATES

- » Balconies
- » Stairs
- » Terraces
- » Walkways

SYSTEM COMPONENTS

- | | |
|---|---|
| 1 | DerbiFlash RS System Primer |
| 2 | DerbiFlash RS 230 Field or Flash* |
| 3 | DerbiFlash RS Fleece* |
| 4 | DerbiFlash RS 230 Field or Flash* |
| 5 | DerbiFlash RS 233 SL Mortar |
| 6 | DerbiFlash RS System Top Coat or Finish |

**For application over unoccupied spaces these system layers can be omitted.*



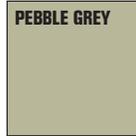
DERBIFLASHRS

LIQUID-APPLIED WATERPROOFING



AVAILABLE COLOR FINISHES

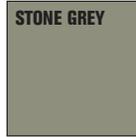
PEBBLE GREY



BEIGE



STONE GREY



TRAFFIC RED



TERRA COTTA



COUNTLESS POSSIBILITIES

The DerbiFlash RS System offers a wide range of decorative finishes and surfacing options that provide customization without compromising performance. Textured coatings, vinyl chips and quartz aggregate surfacing help achieve different levels of skid resistance while adding durability to high traffic areas. Optional color additives are available in a variety of standard colors. Color finishes can be used for a variety of applications, from brightening parking decks to providing traffic and directional signage.

COMPREHENSIVE WARRANTIES

We pride ourselves in providing the best roofing systems in the industry installed by the best contractors. Our network of approved contractors are highly trained in the application of our systems and backed by our technical support team, to ensure that every project exceeds performance expectations. As a testament to the trusted performance of our products we offer a warranty program to match. Depending on the system configuration, Performance Roof Systems offers three levels of warranties for periods up to 20 years.

TRAFFIC BLACK



TRAFFIC GREY



TRAFFIC WHITE



WINDOW GREY



LIGHT GREY



TRAFFIC BLUE



PATINA GREEN



TRAFFIC GREEN



TRAFFIC YELLOW



* Color swatches are for illustrative purposes only. Actual colors may vary. Custom colors are available. Please allow 2-3 weeks for color match.

QUALITY. PERFORMANCE. SUSTAINABILITY.

At Performance Roof Systems, quality lies at the heart of our business, from our mission statement to our daily operations. Our installed roofs' long-term performance proves our commitment to excellence in quality. Performance Roof Systems offers APP Modified Bitumen and PVC Synthetic membrane roofing systems and polymeric PMMA/PMA liquid-applied waterproofing solutions. Performance Roof Systems is a proud member of the SOPREMA Group Companies.



**PERFORMANCE
ROOF SYSTEMS™**
A SOPREMA GROUP COMPANY

4800 Dr. Martin Luther King Jr. Blvd., Kansas City, MO 64130
PHONE: 800.727.9872 **WEBSITE:** www.performancerooftsystems.us