

POLYac® RAPID

A pioneering PMMA/PUMA decorative waterproof coating system for walkways, balconies, steps, stairwells & flat roofs.



Durable, anti-slip, chemical resistant.
Suitable for pedestrian trafficked areas.

Resiplast

Steadfast

DELIVERING TECHNICAL EXCELLENCE

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Polyac® RAPID

Polyac RAPID is a fast curing, methyl methacrylate based waterproof and protective resin coating system that allows pedestrian traffic within 30 minutes of final coat.

The systems range from a simple waterproof, decorative coating to a highly elastic system that allows for movement and provides crack-bridging and additional UV and wear resistance.

The versatile products that make up the Polyac Rapid systems can be applied to new and old concrete, asphalt, metal, wood, tiles and existing methyl methacrylate coatings.



CHARACTERISTICS

- Highly Reactive
- Fast Curing
- Can be Applied at Low Temperatures
- High durability and abrasion resistance
- Crack Bridging
- High Chemical Resistance
- Resistance to Thermal Shock
- Resistance to Thawing Salt
- Joint-less, easy to clean

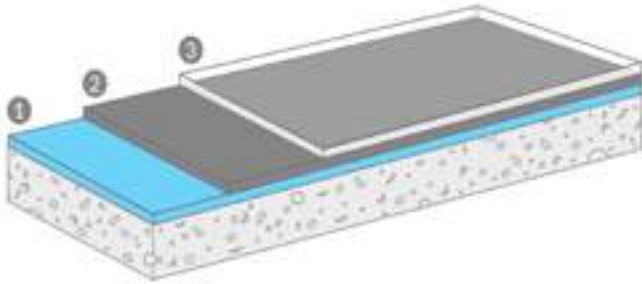
BENEFITS

- Each coat dries within 30 minutes - can be open to pedestrian traffic during application process
- Ready for use within 30 minutes after application of final layer
- Applicable at temperatures as low as 0° to -10°C
- Fast installation with minimal disruption to tenant access (saves time and money)
- Can be applied onto old or new substrates of concrete, asphalt, tiles, metal and wood

Liquid applied elastomeric membranes are applied to protect the surface against chemical influence and/or water infiltration. If necessary the membrane can be combined with a puncture resistant or trafficable wear layer to protect the waterproofing membrane.

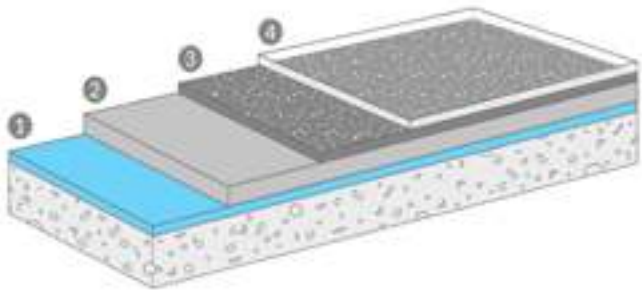
THE POLYAC RAPID SYSTEMS

System 1 – Non-Slip, decorative coating for concrete and asphalt



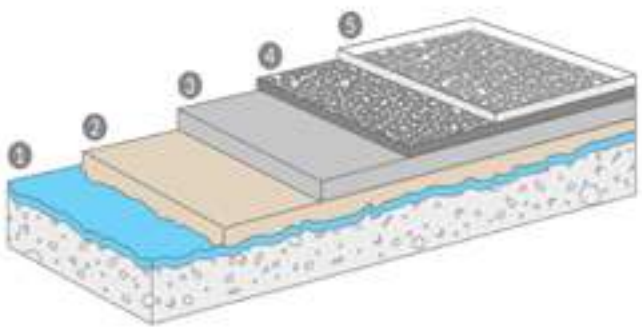
1. Primer* – Ployac® Primer
2. Top Coat – Polyac® 61 with partial/full natural quartz or partial/full flake.
3. Seal Coat – Polyac® 61 – Clear or pigmented

System 2 – Movement Accommodation System



1. Primer* – Polyac® Primer
2. Membrane – Polyac® BDM-M
3. Top Coat – Polyac® 61 with partial/full natural quartz or partial/full flake.
4. Seal Coat – Polyac® 61 – Clear or pigmented

System 3 – Levelling System



1. Primer* – Polyac® Primer
2. Levelling Layer – Polyac® 55 with SL2 filler
3. Accommodation Membrane - Polyac® BDM-M
4. Top Coat – Polyac® 61 with partial/full natural quartz or partial/full flake.
5. Seal Coat – Polyac® 61 – Clear or pigmented

* Polyac® Primer used will be specific to the substrate

Polyac® BDM-M, uses PUMA technology, a hybrid of polyurethane (PU) and methyl methacrylate (MMA). It is a highly reactive liquid, easy to apply, waterproofing membrane. Polyac® BDM-M forms an elastic membrane of very high durability even at low temperatures.

The above systems serve as a guide to typical installations. Every project has individual requirements and therefore the system adopted can be adjusted to suit.

NB. The durability and longevity increase with each system.

Additional systems are available for footbridges, car parks and green roofs.

POLYac® RAPID

ADVANTAGES

- Elastic and therefore crack-bridging
- Durable
- Versatile
- Fast application and curing
- Seamless
- Perfect adhesion to complete surface
- No complex welding techniques
- No special detail finishing profiles required
- Details are applied with a seamless transition, weak points in the membrane are avoided
- Good chemical resistance
- Perfectly suitable for the waterproofing of surfaces
- Unlimited re-coating time

CREATIVE DESIGN CHOICE

- Multi-coloured quartz
- Multi-coloured flake

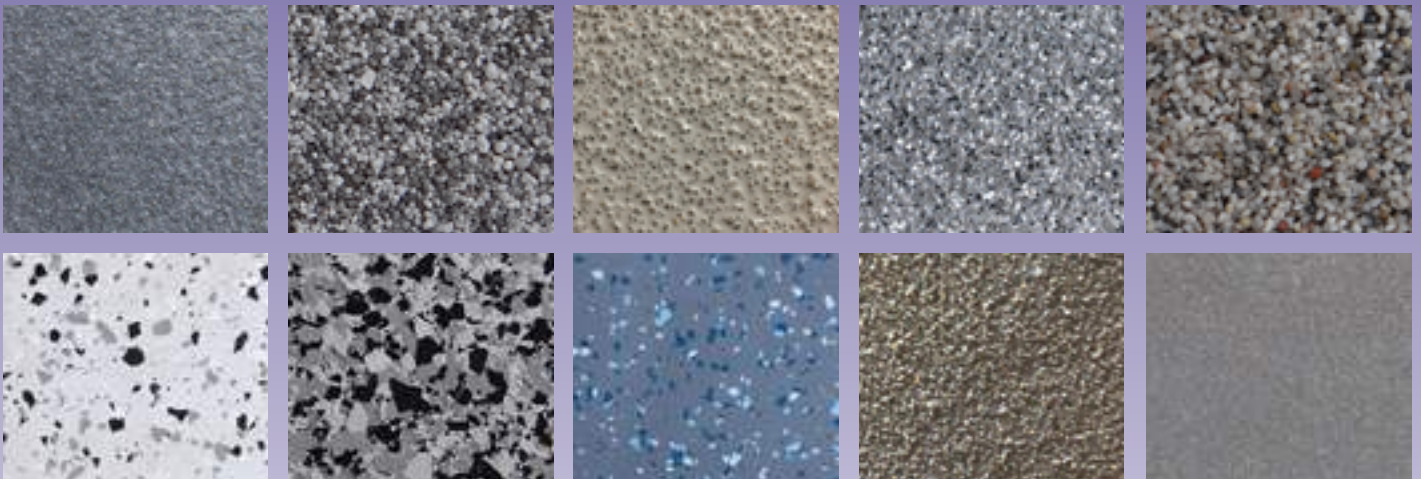
THE APPLICATIONS

- Pedestrian walkways, steps, stairwells balconies & flat roofs
- Waterproofing with trafficable wear layer
- Waterproofing with puncture resistant protection layer
- Provision of anti-slip surface
- Chemical resistant coating
- Terraces
- Highly suitable for the renovation of existing waterproofing layers
- Covering ramps

AUXILIARY PRODUCTS

- Reinforcement fleece for joints and up-stands
- Thixotropic Agent
- M -Fix Rapid Repair Mortar
- T-Fix Epoxy Putty/Glue
- Resin Tool Cleaner

A tiny selection of the finishes available:



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