

Universal Pour System's Primer



Introducing Universal Pour System's Primer:

Infinity Pour System Primer is a universal 100% solids primer designed to create the ideal foundation for all Infinity pour systems, whether for countertops or floors.



Developed by Infinity Effects Materials Science Division

The Infinity Pour System Primer is an engineered 100% solids Polyurea-Epoxy hybrid primer, specifically developed to create the ultimate foundation for Infinity pour systems across both countertop and flooring applications.

Utilising advanced Infinity Effects cure and adhesion technology, this high-performance primer delivers deep substrate penetration, exceptional sealing properties, and outstanding adhesion across a wide variety of substrates and coating chemistries.

Uniquely formulated to remain tacky during its cure cycle, the Infinity Pour System Primer is designed to maximise intercoat adhesion, allowing subsequent layers to chemically bond with the surface ensuring long-lasting performance and system integrity.

When applied correctly, the primer also functions as an effective Moisture Vapour Barrier (MVB), making it ideal for concrete floors and moisture-prone environments, helping to reduce the risk of coating failure due to substrate moisture.

The system offers excellent versatility in application, being fast-drying as standard, while also allowing full control over working time:

- Accelerate cure using heat for faster turnaround
- Extend working time with the Infinity Work Time Extender / Spray
- Assist for larger or more detailed applications

Key Performance Advantages Extended Work Time with Controlled Flow

The Infinity Pour Systems Universal Primer has been specifically designed to provide installers with enhanced adhesion across a wide range of substrates, including flexible and challenging surfaces.

This makes it the ideal foundation for all Infinity Effects Pour Systems, whether you're carrying out detailed decorative work, large-format flooring installations, or working in high or low temperature environments.

Engineered for versatility, the system performs exceptionally well on complex substrates, ensuring reliable bonding and consistent results across varying site conditions.

The product is highly adaptable, allowing it to be tailored to suit different application requirements and environmental factors.

For detailed guidance and to optimise performance for your specific project, please contact your Infinity representative.

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Surface Preparation Disclaimer

Before applying the Infinity Pour Systems Primer, it is recommended to contact Infinity Effects for substrate-specific preparation guidance, as different surfaces may require tailored preparation methods.

As a general rule, all substrates must be:

- Completely dry
- Structurally sound and stable
- Free from dust, loose materials, laitance, oils, grease, curing agents, existing coatings, and any contaminants that may inhibit penetration or adhesion

For optimal performance:

- Mechanical abrasion (e.g. grinding or sanding) may be required for dense, smooth, or heavily contaminated substrates
- Light cleaning or keying may be sufficient for previously prepared or sound surfaces

Infinity Effects can provide detailed preparation procedures for a wide range of substrates including concrete, timber, tiles, metals, plastics, and other specialist materials, ensuring correct application and long-term system performance.

Mixing Instructions

Pour the entire contents of Part B into Part A. Using a low-speed drill fitted with a suitable paddle, mix thoroughly for 60–90 seconds until a uniform blend is achieved. Avoid whipping air into the material, as this may affect penetration and drying performance. No additional fillers are required for the primer. For installers needing extended workability, an optional retarder is available; consult Infinity for dosage rates and suitability, as this will increase overall cure time.

Application (NON-POROUS)

To apply Infinity Pour System Primer to non-porous surfaces such as vinyl countertops or table surfaces, ensure the substrate has been adequately keyed to promote adhesion and is clean, dry, and free from dust or contamination.

Using a non-shedding roller, apply a thin, even coat of primer across the entire surface, ensuring full coverage including all edges and corners.

Avoid over-application, as a controlled, uniform film is essential for achieving optimal performance and intercoat adhesion.

Application (POROUS)

To apply Infinity Pour System Primer to porous surfaces such as concrete, MDF, floors, or other breathable substrates, ensure the surface has been adequately ground or sanded to create a sound, open profile. The substrate must be clean, dry, and free from dust or contamination.

First Coat (Sealing Coat):

Apply a full sealing coat by pouring the primer directly onto the surface, spreading evenly using a squeegee, and then back-rolling with a non-shedding roller to achieve uniform coverage. This coat should be applied generously to properly seal the substrate and reduce porosity.

Second Coat (Bonding Coat):

If applying outside of the tack window, a second coat is required. This should be applied in the same manner as a non-porous application using a non-shedding roller to apply a thin, even coat, creating a uniform film to ensure optimal intercoat adhesion.

POUR SYSTEMS PRIMER - Specification

Type	Two part epoxy-polyurea primer coating
Mix ratio	See label on tin
Hardener	PSP-0213
Resin Density	1.00 kg/litre
Coverage	depending on surface texture and porosity
Minimum over-coating time	15 minutes
Maximum over-coating time	4 Hours
Solvent	Thin with recommended retarder if necessary for increased worktime
Colours	White, Black
Pack sizes	1KG, 8KG
Shelf Life & Storage	6 months in original, unopened container. Store in cool, dry conditions