Infinity Spray Granite High Traffic (Poly Rapid V2) Countertop System

Frequently Asked Questions (F.A.Q.)

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1. Why is Poly Rapid V2 fish-eyeing on a non-porous surface?

This is **normal behaviour** when applying **Poly Rapid V2** to non-porous substrates. The coating is actively attempting to locate pores or key points in the surface, which results in a fish-eye effect.

Solution:

- Apply a **thin coat of Infinity Universal Pour System Primer**
- Allow it to **tack off** (warm air can be used to assist — *not hot air*)
- Once tacky, apply **Poly Rapid V2** by roller or spray

This creates a **strong intercoat bond**, eliminates fish-eyes, and reduces the need for excessive rolling.
Note: This step is not always mandatory, but highly recommended for best results.

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2. I'm seeing bubbling between the Spray Granite and DiamondCoat V2 – why?

This is caused by **trapped moisture**.

If the **Infinity Spray Granite** layer has not fully dried, residual water will attempt to evaporate after being sealed with **DiamondCoat V2**, resulting in bubbling.

Solution:

- Allow Spray Granite to **fully dry before sealing**
- Use **gentle warm airflow** to assist drying
- **Do NOT use hot air**, as this can damage the system

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3. My countertop is peeling or cracking at edges, corners, or along the back wall

This is caused by **moisture ingress behind the coating**.
All coatings are vulnerable if water penetrates weak points such as edges or joints.

Prevention:

- After installation and tape removal

- Seal **all edges, joints, and wall connections** using:
    - Silicone
    - Or suitable flexible caulk

This step is **critical** to prevent long-term failure.

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4. Can I spray this system without a 3M Performance Gun?

No — not recommended.

This system is **not like traditional paint**. It is a **high-performance resin system** and requires the correct equipment and training.

Important:

- Do **NOT** use HVLP or airless sprayers
- These systems are **not designed to spray resin-based coatings**
- Incorrect equipment will lead to **poor atomisation, blockages, and failure**

Recommendation:

- Use a **3M Performance Spray Gun with interchangeable tips**
- Attend an **Infinity Certified Academy** before attempting spray applications

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5. I have two tins of the same colour, but they're slightly different – why?

Minor colour variation can occur due to:

- Different **batch numbers**
- Time gaps between tinting
- Slight differences in **tint machines across distributors**

Solution (Batching Method):

- Combine all **Part A components** into one container
- Mix thoroughly until **fully homogeneous**
- Then use this blended material for your application

This ensures a **consistent colour across the entire job**.

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6. How can I increase heat resistance on countertops?

To improve heat and abrasion resistance:

Option:

- Add **Aluminium Oxide Powder** into your **DiamondCoat V2 layer**

Benefits:

- Improved **heat dispersion**
- Increased **surface durability & abrasion resistance**

Additional Recommendation:

- Install **metal edge protectors/stoppers** around:
    - Hobs
    - Cookers
    - High-heat zones

This helps prevent **localized heat transfer damage**, especially at vulnerable edges.

⚠ **Important System Notes**

- Always follow **Infinity system guidelines and application steps**
- Ensure **correct drying times between layers**
- Carry out **test patches where unsure**
- Improper installation can result in **system failure and void warranties**