

Infinity Spray Stone Light Traffic (Hydro Paint) Wall System

Frequently Asked Questions (F.A.Q.)

1. I applied this system to an external freestanding or retaining wall and it's peeling – why?

This is caused by **incorrect substrate identification**, not a failure of the coating.

The **Hydro Paint Spray Stone System** is a **breathable wall system**, designed for:

- Masonry
 - Brick
 - Rendered walls (with correct construction)
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Problem Substrates:

Freestanding and retaining walls often:

- Have **no damp proof course (DPC)**
- Have **no air gap in construction**
- Become **fully saturated with moisture over time**

These are classified as **unsuitable substrates**.

Why peeling occurs:

- Moisture pushes from behind the coating
 - Causes **loss of adhesion and delamination**
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Solution / Best Practice:

- Confirm the wall has:
 - A **damp proof course (DPC)**
 - Proper **air gap construction**
- Carry out **moisture testing before application**
- Avoid coating **saturated or structurally damp walls**



👉 If in doubt, **do not proceed** — this is a substrate issue, not a product failure.

2. My Spray Stone surface has developed a crack – what caused this?

This is typically a **reflective crack from the substrate**, not the coating itself.

Common Causes:

- Movement in:
 - Plaster
 - Brickwork
 - Render
 - Existing cracks not repaired before application
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Solution / Prevention:

- Repair all cracks using a **flexible mortar or filler**
- Apply **reinforcement mesh (render mesh)** before coating
- Then proceed with the system

👉 This allows for **movement absorption and improved flexibility**.

☁️ Additional Exterior Application F.A.Q's

3. My exterior wall looks patchy or uneven after drying – why?

This is usually caused by **uneven absorption or inconsistent base coat application**.

Causes:

- Uneven substrate porosity
- Inconsistent Hydro Paint base coat



- Damp areas drying at different rates
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Solution / Best Practice:

- Apply a **uniform base coat** (Hydro Paint / primer layer)
 - Ensure even coverage across the entire surface
 - Allow to **fully dry before applying Spray Stone**
 - Avoid application during **changing weather conditions**
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4. The coating looks darker in areas or like it's holding moisture – why?

This is due to **ongoing moisture within the substrate**.

Cause:

- Wall still holding internal moisture
 - No DPC or poor drainage
 - Recently exposed to rain or damp conditions
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Solution / Best Practice:

- Allow the wall to **fully dry before coating**
 - Improve **drainage or water runoff** where possible
 - Avoid application during or immediately after **wet weather**
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5. My coating is failing or flaking over time – what's the reason?

This is typically caused by **long-term moisture exposure or unsuitable substrates**.

Common Causes:

- No damp proof course
- Water ingress from behind or above



- Weak, chalky, or unstable surfaces
 - Application onto damp or compromised substrates
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Solution / Prevention:

- Only apply to **sound, dry, breathable substrates**
 - Stabilise weak or dusty surfaces before coating
 - Avoid:
 - Retaining walls
 - Boundary walls without DPC
 - Permanently damp structures
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6. Can I apply this system in cold or damp weather?

No — not recommended.

Water-based systems like Hydro Paint require **stable, dry conditions** to cure properly.

Risks of poor conditions:

- Extended drying times
 - Weak film formation
 - Adhesion failure
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Best Practice:

- Apply only in **dry conditions**
 - Avoid:
 - Rain
 - High humidity
 - Low temperatures
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7. My Spray Stone is too watery and difficult to trowel – why?

Spray Stone is **formulated for spray application**, so it will naturally appear fluid.

Solution / Best Practice:

- Add **Infinity THIXX Additive** to the mix
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Benefits:

- Increases **body and viscosity**
 - Allows for **easy trowel application**
 - Enables **controlled decorative finishes** (stone, textured, marble effects)
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⚠ System Classification & Usage Guidance

- This is a **Light Traffic / Decorative Wall System**
 - Designed for **internal and suitable external walls only**
 - Fully **breathable system**
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👉 NOT suitable for:

- Retaining walls
 - Freestanding boundary walls without DPC
 - Permanently damp or saturated substrates
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⚠ Critical System Guidelines

- Always verify **substrate suitability before application**
- Carry out **moisture testing where required**
- Repair all **cracks and defects prior to coating**
- Use **reinforcement mesh where movement is expected**



- Apply only in **suitable weather conditions**
- Always carry out a **test patch**

⚠ Failure to follow correct procedures can result in:

- Peeling
- Cracking
- Moisture staining
- Delamination
- Voided warranties