

## Infinity Spray Stone Medium Traffic (ArmourGuard V2) Wall System

### Frequently Asked Questions (F.A.Q.)

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#### 1. I'm seeing peeling from corners or roof/wall junctions – why?

This is caused by **unsealed joints and termination points**, which are natural **structural weak areas**.

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#### Common Causes:

- Moisture entering through **open joints or edges**
  - Water tracking behind the coating
  - Lack of sealing at corners, edges, and junctions
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#### Solution / Prevention:

- Seal all **ends, edges, and corner joints** using:
    - **Flexible silicone**
    - Or **suitable exterior-grade caulk**
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#### This prevents:

- Moisture ingress
  - Lifting or peeling at weak points
  - Long-term system failure
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#### 2. Can I apply this system to an external freestanding or retaining wall?

👉 **Short Answer: No.**

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#### Why:

Most freestanding or retaining walls:



- Do **not** have a damp proof course (DPC)
  - Do **not** have an air gap
  - Are constantly **absorbing and holding moisture**
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**Important:**

**ArmourGuard V2 is a non-permeable (sealed) coating.**

If applied to these substrates:

- Moisture becomes trapped behind the coating
  - Pressure builds over time
  - This leads to **blistering, peeling, and failure**
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**Solution / Best Practice:**

- Only apply to substrates with:
  - A **functional DPC**
  - Proper **air gap construction**
- Always carry out a **moisture test before application**

👉 If moisture is present or construction is unknown — **do not proceed.**

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**3. I applied this system in a shower over tiles and it's cracking along tile joints – why?**

This is caused by **movement and weakness in the underlying tiled substrate.**

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**Common Causes:**

- Weak or deteriorated **grout lines**
  - Movement between tiles
  - Moisture entering through open joints
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**Why it happens:**

The coating mirrors the substrate beneath it.

If joints move or fail, they will **telegraph through the coating as cracks**.

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**Solution / Best Practice:**

- Ideally, **remove tiles before application**
  - If coating over tiles:
    - Ensure grout lines are **fully solid and intact**
    - Repair or refill any weak or missing grout
  - Seal all edges, joints, and corners using **silicone or caulk**
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**This prevents:**

- Movement-related cracking
  - Moisture ingress behind the coating
  - Long-term joint failure
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**4. I am applying this system onto metal and rust is present – what should I do?**

Proper preparation of metal substrates is **critical** to ensure long-term performance.

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**Cause of Issues:**

- Rust is an **active corrosion process**
  - If untreated, it will continue beneath the coating
  - Leads to **rust bleed-through, staining, and failure**
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**Solution / Best Practice:**

- Fully remove all **visible rust** using mechanical preparation (grinding, sanding, etc.)
- If any rust remains or is suspected:



- Apply a **rust treatment or rust converter primer**
  - Only proceed when the surface is:
    - **Clean**
    - **Stable**
    - **Fully treated**
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**This ensures:**

- No rust bleed-through
  - Strong adhesion
  - Long-term durability
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**5. My Spray Stone is too watery and difficult to trowel – why?**

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

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**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 **Medium Traffic Wall System**
- Designed for:
  - Bathrooms



- Kitchens
- Commercial wall areas
- Internal & suitable external vertical surfaces

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 **NOT suitable for:**

- Retaining walls
- Freestanding boundary walls without DPC
- Permanently damp or moisture-saturated substrates

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 **Critical System Guidelines**

- Always **seal all joints, edges, and terminations**
- Ensure substrate is **dry, stable, and correctly constructed**
- Carry out **moisture testing where required**
- Repair all **grout lines, cracks, and weak areas before coating**
- Properly prepare and treat **metal surfaces and rust**
- Follow correct **installation methods and preparation steps**
- Carry out **test patches when unsure**

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 **Failure to follow correct procedures can result in:**

- Peeling at edges and corners
- Cracking over joints
- Rust bleed-through
- Moisture-related failure
- Delamination
- Voided warranties

