Infinity Spray Stone High Traffic (X-Flow Screed) Floor System

Frequently Asked Questions (F.A.Q.)

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1. My mesh floated to the surface when pouring the X-Flow Screed – why?

This occurs when the **reinforcement mesh has not been properly bonded** to the primed surface before pouring the screed.

Common Causes:

- Mesh applied **too late** after the primer lost its tack
- Insufficient adhesion between mesh and substrate

Solution / Best Practice:

- Always apply mesh while the primer is **still tacky**
- If unsure of adhesion:
    1. Lay the mesh onto the primed surface
    2. Apply a **light re-prime coat** of **Infinity Universal Pour System Primer** over the mesh
    3. Then proceed with the **X-Flow Screed application**

👉 This ensures the mesh is **fully locked into the system** and prevents floating or movement.

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2. I'm seeing bubbles in the screed after it has dried – what caused this?

Bubbling is typically caused by **three key factors**:

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1. Incorrect sealing of porous substrates

Porous surfaces (e.g. concrete) must be **fully sealed before screed application**.

Correct Method:

- Apply a **thick primer coat**

- Spread using a **squeegee** to fully seal pores
- This prevents air escaping (“breathing”) from the substrate

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2. Substrate contamination

- Dust, oils, or residues can cause the primer to **fail or pull away**
- This creates **air pockets and bubbles**

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3. Incorrect mesh installation

- Mesh must be **continuous across the surface**
- Must be **properly overlapped**
- Should run fully to **edges and slightly up walls if required**

Failure to do this creates **tension points**, leading to bubbling or weak areas.

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3. I can see a crack or split in the finished floor – why?

This is known as **reflective cracking** and is caused by **movement in the substrate**.

Cause:

- No mesh reinforcement used
- Or mesh installed incorrectly

Solution / Prevention:

- Always install **Infinity Reinforcement Mesh**
- Follow correct **overlap and edge detailing procedures**
- Ensure installation is carried out or guided by an **Infinity Certified Academy**

👉 Mesh allows the system to **absorb movement instead of transferring it to the surface**.

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4. I have lumps, marks, or debris in the screed after curing – what should I do?

This can be caused by:

- Spiked shoes
- Dust contamination
- Material lumps or drips

Good News:
X-Flow Screed is a **structural base layer**, so this is easily corrected.

Solution:

- Allow the screed to **fully cure**
- Sand back to a **flat, smooth finish**
- Proceed with your **Spray Stone application**

👉 Once sealed with **DiamondCoat V2**, sanding marks will **not be visible**.

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5. After applying DiamondCoat V2, I see air bubbles or poor bonding – why?

This is caused by **trapped moisture within the system**.

Root Cause:

- Spray Stone layer was **not fully dry before sealing**
- Moisture becomes trapped when DiamondCoat is applied

Solution / Prevention:

- Ensure Spray Stone is **fully dry before sealing**
- Use **gentle warm airflow** to assist drying if needed
- Never rush this step — sealing too early will result in failure

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6. My Spray Stone is too watery and difficult to trowel – why?

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

Solution / Best Practice:

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

Benefits:

- Increases **body and viscosity**
- Allows for **easy trowel application**
- Enables **controlled decorative finishes** (stone, textured, marble effects)

⚠ **Critical System Guidelines**

- Always follow **Infinity system installation steps precisely**
- Ensure substrates are **properly prepared, sealed, and contamination-free**
- Use **reinforcement mesh on all floor systems**
- Respect **drying and curing times between layers**
- Carry out **test patches where required**

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

- Bubbling
- Cracking
- Weak points in the system
- Delamination
- Voided warranties