NEW

# Smart & Simple

## Water-Based Epoxy Grout

# Product Technical Data Sheet


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# Product Data Sheet

## Description

| Section 1 | | **Epoxy Joint Filler** |
|---|---|---|

*Smart & Simple* is a two-part, 100%-solids, water-based, moisture-tolerant, semi-rigid epoxy joint filler. The self-leveling version is ideal for filling and sealing horizontal non-moving saw-cut control joints and random cracks, as well as filling joints in ceramic floors.

| Section 2 | | **Features and Benefits** |
|---|---|---|

Water based
2 Part mixing
Self-leveling
High-strength
Moisture-tolerant
Low-odour

| Section 3 | | **Where to use** |
|---|---|---|

Interior horizontal surfaces.
Fill and protect non-moving joints in industrial concrete floors subject to heavy dynamic or static loads.
Fill and protect joints in ceramic floors in food, sanitary & chemical facilities.
Protect and support joint edges.
Prevent deterioration around non-moving joints subject to high density traffic.
Crack filler for concrete floors.

| Section 4 | | **Limitations** |
|---|---|---|

Recommended usage between temperatures of +4°C and +35°C.

Unsuitable for:

- Dilution with solvents.
- Joints designed as movement joints.
- Cracks subject to hydrostatic pressure.

Once cured, the product is non-breathable.

Consult Smartified Solutions Ltd for application recommendations regarding substrates and conditions not listed.

| Section 5 | | **Surface Preparation** |
|---|---|---|

Thoroughly clean the joint of any substance that could interfere with the bond of the material to the substrate, including dirt, paint, tar, asphalt, wax, oil, grease, curing compounds, laitance, foreign substances and adhesive residue.

Mechanically clean and prepare by sandblasting or hydro-blasting if necessary. For drilled holes, clean with bristle brush and vacuum out all loose material.

Clean steel to white metal finish.

Remove all standing water and dust with oil-free compressed air before application.

Preparation of damaged saw cut joint or cracks wider than 1.5 mm

Rout out crack to a nominal depth of 12 mm to 19 mm.
Ensure that concrete edges are rounded.
Remove any debris or loose elements.
If required, fill the base with a maximum of 6 mm of silica sand.

| Section 6 | | **Mixing** |
|---|---|---|

1 to 1 by weight: Mix by opening Part A and Part B and combining. Use full containers of Part A and Part B, or measure equal quantities of both parts (1:1), into a separate, clean mixing container. Mix until blended uniformly and use immediately.

| Section 7 | | **Product Application** |
|---|---|---|

Apply the mixed product at a depth of 2-10ml.

| Section 8 | | **Removing Excess Material** |
|---|---|---|

The mixed material is typically cured within 4 to 6 hours of placement and ready for polishing. Remove excess material with a damp sponge or similar, within 1 hour after application.

| Section 9 | | **Cleanup** |
|---|---|---|

Clean equipment before the material cures to a hardened state using water or an appropriate cleaning material. Cured material can only be removed mechanically.

| Section 10 | | **Storage** |
|---|---|---|

12 months in cool place (about 24 C).