

Technokolla Complete Waterproofing System

Internal Tiled Wet Areas

Kitchens, Bathrooms, Laundries



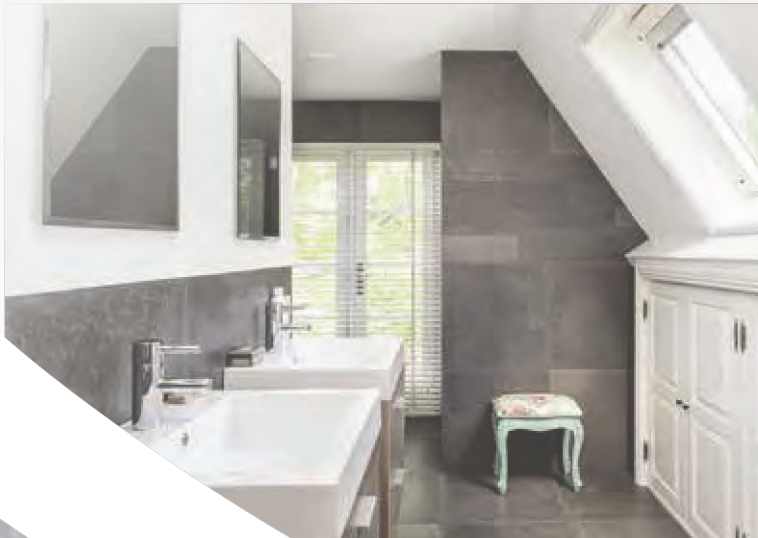
 **TECHNOKOLLA®**

We know the problems

- Leaks and Water Damage
- Sudden changes in temperature or humidity
- Cracked tiles
- Mould growth
- Waterproof coating peeling off
- Stained grout

And we can solve them

- Seal all corners and edges using a flexible, mould-resistant sealant.
- Ensure waterproofing is applied correctly to both floor and wall surfaces to prevent moisture ingress, and migration.
- Low-modulus, flexible, water-repellent grouts with low coefficient of water absorption
- Use adhesives with low water absorption (low imbibition) to ensure stable bond performance



Project

- WATERPROOFING

After priming, apply the waterproofing layer onto fully cured substrates (such as screeds, plaster, or plasterboard) using Technokolla RASOGUM+. This elastic membrane must be applied in two coats, with each coat achieving 1 mm wet film thickness. All corners and edges must be sealed using Techno RL80 S Bandage. Coverage: Approximately 1.5 kg/m² per 1 mm of thickness.

- SELF-LEVELLING

Technokolla PLAN-10 N is a high-fluidity, cement-based self-levelling compound designed for indoor use, suitable for application in thicknesses from 1 to 10 mm. It is classified as C30 F7 in accordance with EN 13813.

- INDOOR FLOORING

Ceramic tiles (up to 2 SQM in size) are to be installed in indoor rooms over a fully cured RASOGUM+ waterproofing membrane. Use a single-component, cement-based adhesive such as TECHNO S ONE or TECHNO STAR by Technokolla. All adhesives must comply with EN 12004 C2TES1 standards.

Grout line of at least 2 mm sealed with two-component epoxy grout of type **SKYCOLORS EVOLUTION** by Technokolla, compliant with European standard **EN 13888 RG**.

Joints sealed with **ACESIL-310** by Technokolla, following the positioning of a synthetic cord (PEF rod) or bead of silicone. The correct procedure involves sealing with silicone before grouting with cement-based products.

Adhesive consumption: **TECHNO S ONE** 5 kg/m², **TECHNO STAR** 5 kg/m² using a 10 mm notch trowel. Grout consumption: 0.8 kg/m² (2x2 cm mosaic size, 2 mm grout line), 0.55 kg/m² (20x20 cm size, 4 mm grout line).

- INDOOR WALL TILING

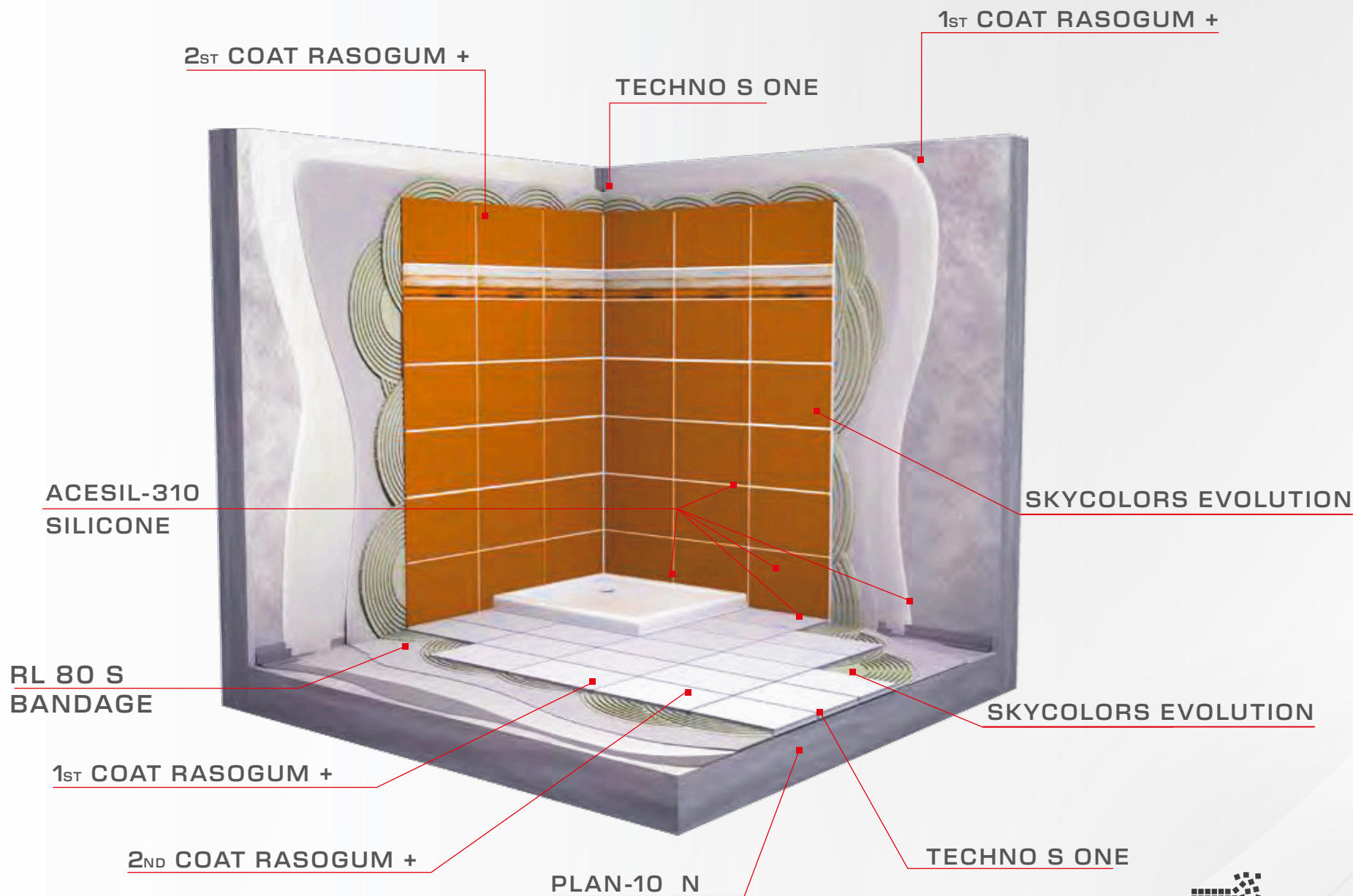
Wall tiling of indoor rooms with ceramic tiles, max. size 2 SQM installed on waterproofing carried out using **RASOGUM +** cured for at least 2 days after application of the 2nd coat and applied with single-component cement-based adhesive of type **TECHNO S ONE** or **TECHNO STAR** by Technokolla, compliant with European standard **EN 12004 C2TES1**, with a grout line of at least 2 mm sealed with low modulus cement-based grout of type **TECHNOCOLORS** by Technokolla, compliant with European standard **EN 13888 CG2 WA** or two-component epoxy grout of type

SKYCOLORS EVOLUTION by Technokolla, compliant with European standard **EN 13888 RG**. Joints sealed with **ACESIL-310** by Technokolla, following the positioning of a synthetic cord.

Adhesive consumption: **TECHNO S ONE** 5 kg/m², **TECHNO STAR** 5 kg/m². Grout consumption: 0.8 kg/m² (2x2 cm mosaic size, 2 mm grout line), 1.1 kg/m² (10x10 cm size, 4 mm grout line).

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Note: The substrate should be primed with Techno Primer T or Techno Primer 101

Techno Plan-10 N can be substituted with Techno Plan 40 EXT. Rasogum+ may be substituted with Rasolastik Advance or Rasolastik EVO. Techno S-One can be substituted with Techno Star. Skycolor Evolution can be substituted with Technocolor.



self-levelling

Plan-10 N

Cement-based self-levelling product suitable for humid environments and outdoor settings for thicknesses from 3 to 40 mm.

PLAN-10 N is **CE** marked in accordance with standard **EN 13813**, class **C30 F7**.

It is a **LOW-VOC** product tested by **EUROFINS**.

spotlight product

waterproofing



RL 80 S
strip

Rasogum +

The new generation waterproofing product that, combined with the **RL 80 S** bandage, guarantees greater durability over time.

It is characterised by: easy application in two coats, strong adhesiveness to every surface, high flexibility, stable characteristics over time.



adhesive bonding agent

Techno S One

Highly flexible single-component adhesive, applicable in this system with large format tiles.

TECHNO S ONE is certified **EN 12004 C2TES1**. The **TECHNO STAR** adhesive is compliant with standard **EN 12004 C2TES1** is recommended for the laying of mosaic tiles.

It is a **LOW-VOC** product tested by **EUROFINS**.

spotlight product (alternatives)

grouting and sealant



Skycolors Evolution

SKYCOLORS EVOLUTION is a very versatile sealant, perfect for the sealing of grout lines in floor and wall tiling of different materials: mosaics of any type, porcelain tile and clinker. **SKYCOLORS EVOLUTION** is suitable for environments such as spas, wellness centres, thermal baths, swimming pools and bathrooms. Its bright finishes make it an essential furnishing accessory in spaces where particular attention is paid to aesthetic values.

Compliant with **EN 13888** cat: **RG**.



Technocolors

This new concept of grout, to be used for joints from 1 to 8 mm, stands out for its extraordinary velvety finish, exceptional gloss and high water repellency. Its exceptional characteristics make it suitable for the grouting of any type of ceramic.

All grouts indicated are compliant with European standard **EN 13888 CATEGORY CG2 WA**.

It is a **LOW-VOC** product tested by **EUROFINS**.



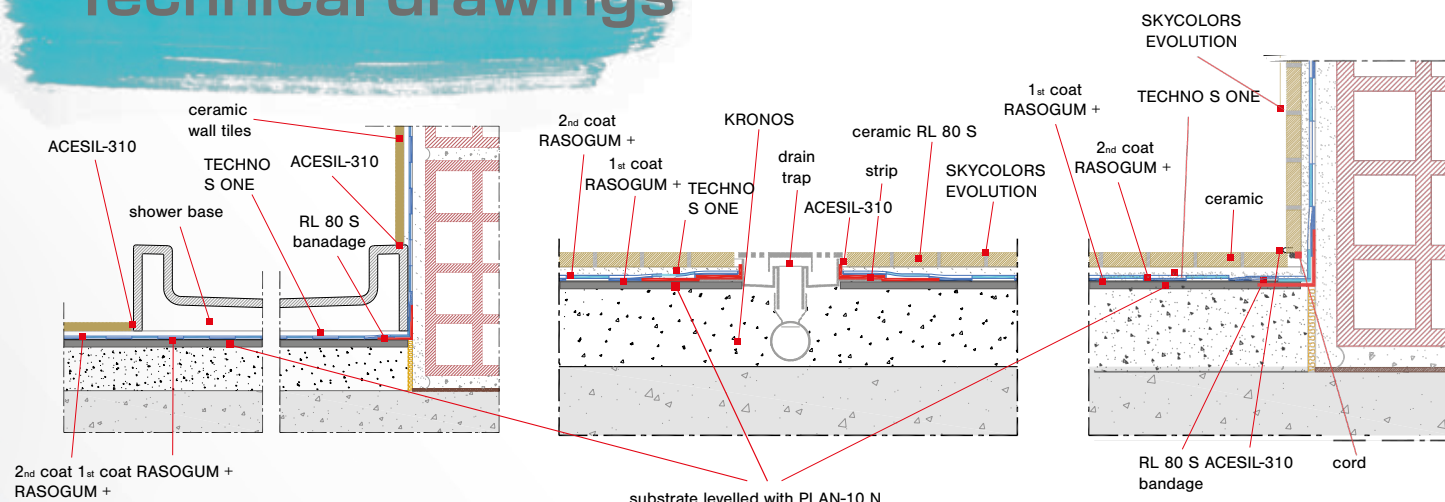
Acesil-310

The elastomeric silicone sealant for the filling of expansion joints.

The associated product is the cord to be positioned on the bottom of the joint before **ACESIL-310**.

The complete COLOUR RANGE of Technokolla grouts can be found on the Technokolla website.

Technical drawings



TECHNOKOLLA®