

NEW CONSTRUCTIONS AND RESTRUCTURING

Swimming pools and wellness centres



We know the problems

- Permanent submersion in chlorinated water
- Sudden temperature changes and material expansion
- Waterproofing products that deteriorate over time
- Material to be laid is unsuitable in size or nature for swimming pool usage
- Laying without gaps

And we can solve them

- Evaluating the substrate is essential
- Low-modulus bonding agents and grouts able to bear continuous submersion in an alkaline environment
- Waterproofing products which ensure durability over time and do not suffer ageing
- Reading the data sheets regarding the material to be laid in order to verify its limitations of use
- The laying must be carried out with a grout line of no less than 4 mm



Project

- SKIMMING

Skimming (if necessary) with thixotropic cement-based plaster for thicknesses from 2 to 10 mm of type **RASO** or **GAP** for thicknesses from 3 to 20 mm by Technokolla.

Consumption: 1.6-1.7 kg/m² per mm of thickness.

- WATERPROOFING

Waterproofing coat created with carbonation-inhibiting two-component, cement-based plaster compliant with category **CM O2P** in accordance with **EN 14891** type **RASOLASTIK PLUS** by Technokolla applied in 2 coats using a smooth steel trowel for a total thickness of 3 mm, and complete with **RL 120 STRIP** by Technokolla for the sealing of corners, edges and expansion joints.

Consumption: 1.8 kg/m² per mm of thickness.

- TILE LAYING

Tub cladding with ceramic tiles up to 1100 cm² in size, laid using high performance cement-based bonding agent of category **C2TE S1** in accordance with **EN 12004** type **TECHNOSTAR**. For larger sizes, use the high performance two-component system, category **C2 S1** in accordance with **EN 12004** type **TECHNOS+** and **TC-LAX** by Technokolla.

When laying glass mosaic, the system is composed of **TECHNOMOS** mixed with **TC-LAX** diluted with water according to a 1:1 ratio.

The bonding agent system must be compliant with European standard **EN 12004 C2TE, S1**.

Grout line of at least 4-5 mm sealed with two-component epoxy grout of type **SKYCOLORS EVOLUTION**, compliant with European standard **EN 13888 RG**.

Adhesive consumption:

TECHNOS+ and **TC-LAX** 5 and 1.4 kg/m².

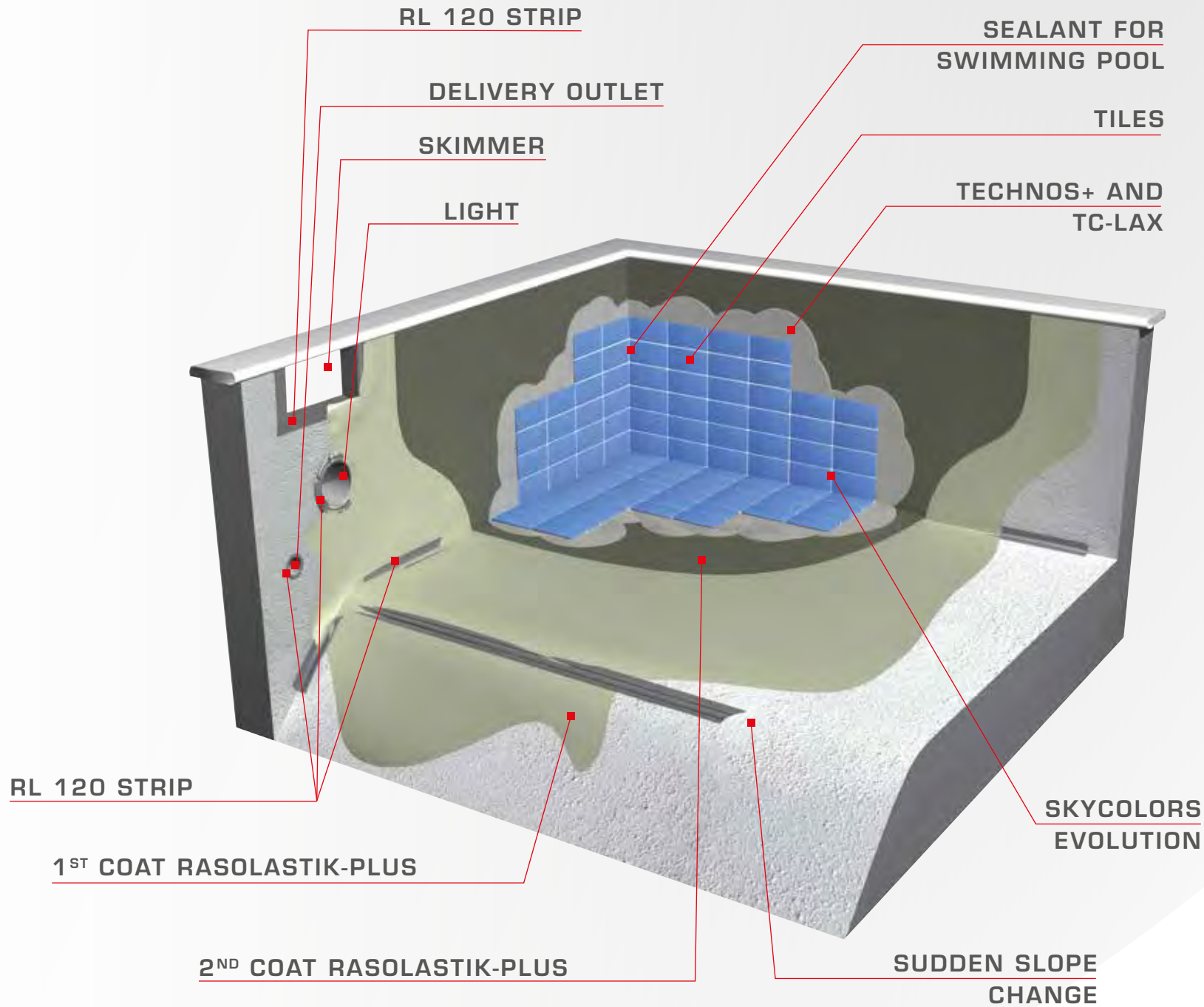
TECHNOMOS and **TC-LAX** 1:1 with water 4 and 0.7 kg/m².

Grout consumption:

1.8 kg/m² (12x24 cm size, 10 mm grout line).

1.5 kg/m² (2x2 cm mosaic size, 2 mm grout line)

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skimming

Raso or Gap

Cement-based skimming plaster, for outdoor and indoor application from 2 to 10 mm (**RASO**).

Fibre-reinforced cement-based plaster, for outdoor and indoor application from 3 to 20 mm (**GAP**). Any substrate skimming with **RASO** or **GAP** must be carried out before applying the waterproofing system.

Compliant with European standard **EN 13813**, category **CT C12 F4/F3**.



waterproofing

Rasolastik-Plus

RASOLASTIK-PLUS associated with the strip **RL 120** makes for a waterproofing system that ensures greater durability over time.

RASOLASTIK is compliant with **EN 14891** of cat. **CM O2P**.

As an alternative, the **RASOLASTIK EVO** product can be used.

RL 120 strip

spotlight product *(alternatives)*

bonding agent and adhesive



Technos+ with TC-Lax

The **TECHNOS+** adhesive mixed with the **TC-LAX** latex makes for a high performance two-component system, category **C2 S1** in accordance with **EN 12004**, offering the ideal level of performance for this type of application.



Technostar

The single-component bonding agent suitable for the outdoor laying of porcelain tile and natural stone. To be used for the laying of sizes no greater than 1600 cm².

TECHNOSTAR is **EN 12004 C2TE, S1** certified.

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

spotlight product *(alternatives)*

groutings



Skycolors Evolution

Two-component epoxy grout with delicate and harmonious finishes, for grout lines from 1 to 15 mm. Available in 15 colours. One of five glitters can be added to the product, for a total of 85 different colour shades. For settings of high aesthetic value.

Compliant with class **RG** in accordance with European standard **EN 13888**.



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 grouting any type of ceramic in swimming pools. As an alternative, **TECHNOSTUK 2-12** and **TECHNOSTUK G.G.** can also be used for this application.

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

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

The complete COLOUR RANGE of Technokolla grouts can be found in the cover appendix.

latex



Tc-Stuk

TC-STUK is used as an additive for sealant line **TECHNOSTUK G.F.**, **2-12**, **G.G.** and **TECHNOCOLORS**, in any application where the grout line requires greater resistance and compactness, as well as lower porosity and absorption.

For this application, where a high resistance to chemical agents and high temperatures is required, we recommend that grouts are mixed with **TC-STUK**, used in place of water.

Technical drawings

