

PRODUCT SPECIFICATION

Product System:	Stainless-Steel Profile to Fiberglass with Porcelain Pool Coping Tiles - External
Project Reference:	Swimming Pool Coping Tiles over Cantilevered Stainless-Steel Profile
Site Address:	Generic- For site specific specifications please contact MBP NZ Ltd
This Specification is intended for the above listed project, and all products must be installed in accordance to this product specification and the Technical Data Sheet (TDS) of the products listed herewith. Listed Products are hyperlinked to the product page.	

1. TILE ADHESIVE

a. Trade Name: [Kerapoxy Adhesive](#)

RT2 class adhesive in compliance with EN 12004 Standards

A two component, acid resistant, epoxy adhesive for the installation of tiles to fibreglass. Available in grey or white.

2. GROUT (2 options)

a. Trade Name: [Ultracolor Plus Zero](#)

CG2WA class grout in compliance with EN 13888 Standards.

A rapid setting and drying grout, anti-efflorescence, water repellent, mould resistant polymer modified for joints from 2mm to 20 mm with excellent compressive strength. 40 colours with matching silicone.

b. Trade Name: [Kerapoxy Easy Design](#)

RGRT2 class grout in compliance with EN 13888 Standards

A two component, acid resistant, epoxy grout for joints from 1mm in width. 41 colours in the range with matching silicone.

c. Trade Name: [Ultracare Kerapoxy Cleaner](#)

A special cleaning solution for epoxy grout. Used for initial cleaning of fresh Kerapoxy and Kerapoxy Easy Design residue within 24 hours of application.

3. SILICONE SEALANT

a. Trade Name: [Mapesil AC](#)

A solvent free, mildew resistant, silicone sealant with 30 colours to match grout.

The information in this Specification is consistent with the information given in the Product Technical Data Sheets (TDS). If further information is required, MBP (NZ) LIMITED recommends referring to the Product TDS, or seeking advice from MBP (NZ) LTD.

The information given in this Specification relating to the application and use of MAPEI products is given in good faith based on MBP (NZ) LIMITED's current knowledge and experience of the product when appropriately stored, handled and applied under recommended conditions as per the information in the Product TDS. In practice, the difference in application conditions, substrates, materials, and site environments are such that no guarantee in respect of consumption or fit for a particular purpose can be concluded either from the information given in this specification, or any other written or verbal recommendations. The Applicator of the product must assess the substrate and the product's suitability for the intended application and final service provision of the product or product system.

- b. Trade Name:** [Ultracare Smooth Silicone Spray](#)
 Water-based smoothing spray for finishing sealants during applications. Suitable for acetic, neutral cure and polyurethan sealants.

4. Deflection Criteria

- a.** It is essential that the deflection criteria for both the substrate and the supporting structure or framing are met under all live or dead loading with a maximum deflection of L/360 dependent on the type and module size of the tile, as per AS 3958:2023 Installation of Ceramic and Stone Tiles - Table 4.1.2 – Substrate Maximum Deflection by Tile Type.

5. Tolerances

- a.** Maximum variation in the plane of the substrate should not exceed as stated in AS 3958:2023 Installation of Ceramic and Stone Tiles - Table 4.1.3(a) – Substrate Surface Flatness Tolerance.

6. Substrate

- a.** Any gel coating or contaminants on the fibreglass liners should be sanded with 80 grit sandpaper and be dust free prior to the application of the adhesive.

7. Installation

- a.** After suitable preparation of the substrate, installation of stainless-steel profile can commence using Kerapoxy Adhesive. Once the adhesive has dried install the porcelain to the stainless-steel profile using Kerapoxy Adhesive.
- b.** Select the correct size notched trowel to achieve the minimum contact of the adhesive bed to the substrate and the stainless-steel and the tile to the stainless-steel. The double spread (back-buttering) method of installation must be used to achieve a solid adhesive bed, as per AS 3958:2023 Installation of Ceramic and Stone Tiles – Table 5.6.5.2 – Adhesive Coverage.

8. Grouting

- a.** Upon satisfactory curing of the adhesive, grouting can be commenced using Ultracolor Plus Zero or Kerapoxy Easy Design. Any residue of Kerapoxy Easy Design grout must be cleaned from the tile surface within 24 hours using Ultracare Kerapoxy Cleaner.

NOTE: Ultracolor Plus Zero and Kerapoxy Easy Design grout will show colour variance if used in the same location

Note: Do not use Kerapoxy Easy Design #100 White in areas exposed to UV

9. Movement Joints

- a.** In general, movement or control joints must be installed at the perimeter of all tiled areas, where the tile surface abuts another material, at changes of plane, where joints exist in the substrate, notwithstanding this discussion with structural engineers is essential to address the elements pertinent to the individual situation, ensuring the correct installation of movement and construction joints.
- b.** Installation of the silicone sealant is to be carried out using Mapesil AC Silicone Sealant. Use Ultracare Smooth Silicone spray for the final smoothing of the silicone while the silicone is fresh.

Spec. Name:	Stainless Steel Profile to Fiberglass with Porcelain Coping Tiles – External	Version:	1554-JLP-V1	Release date:	21/05/2025
Compiled by:	Jennifer Price	Date:	21/05/2025	Checked:	Ian Williams

1. Limited Warranty

- a. MBP (NZ) LTD warrants that when MAPEI products are prepared, applied and installed in accordance with the products’ Technical Data Sheet (TDS) plans, specifications, as well as with the relevant provisions of the New Zealand building code, the products will have the properties and characteristics set out in the TDS and will retain these properties and characteristics for the duration of the Warranty Period listed under the relevant MAPEI product warranty.
- b. MAPEI’s warranties are limited to its products, and ***do not*** cover installation, workmanship or product mixing and preparation aspects. It is the sole responsibility of the applicator of the products to assess the substrate and the product/s’ suitability for the intended application and final service provision of the product.
- c. A full list of all MAPEI product warranty terms and conditions is available upon request.

2. No Responsibility

- a. The applicator of a MAPEI product is not an agent or employee of MBP (NZ) LTD and therefore MBP (NZ) LTD takes no responsibility and assumes no liability for their workmanship or their use of the product in inappropriate circumstances or surfaces.
- b. Where expressly agreed with you in writing, MBP (NZ) LTD’s representatives may supervise the preparation of MAPEI products to ensure that the preparation meets the products’ specifications, on the basis that MBP (NZ) LTD does not take any responsibility for such supervision, as well as for:
 - a. any failure to apply the product in accordance with any relevant specifications, standards, regulation or similar; and
 - b. the use of the product in inappropriate circumstances or on inappropriate (or inappropriately prepared) surfaces; and
 - c. the workmanship of the applicator of the product,
 even if our representatives are present at the time of application.

Any guidance MBP (NZ) LTD’s representatives provide during their supervision will not modify any express manufacturers’ warranty or product warranty relating to the relevant MAPEI products.

- c. MBP (NZ) LTD provides product information, including this specification, on a non-reliance basis. All information and proposals are given in response to the information provided to us. MBP (NZ) LTD is not liable for the assessment of whether the products and methodologies are suitable for your particular circumstances or whether they meet the requirements of the NZ Building Code or other regulatory requirements. This assessment and decision whether or not to use the products must be made by you.

Spec. Name:	Stainless Steel Profile to Fiberglass with Porcelain Coping Tiles – External		Version:	1554-JLP-V1	Release date:	21/05/2025
Compiled by:	Jennifer Price	Date:	21/05/2025	Checked:	Ian Williams	Page 3 of 4

3. Consumer Guarantees

- a. Nothing in this Specification is intended to modify or negate a consumer's rights and remedies under the Consumer Guarantees Act 1993.
- b. In the event of inconsistency between the provisions of this Specification, our Terms of Trade and the relevant manufacturers' or product warranty, the order of priority set out below will apply (with (a) having the highest priority):
 - a. MBP (NZ) LTD Terms of Trade;
 - b. Manufacturer's or product warranty;
 - c. This Specification.

MBP (NZ) LIMITED

Jennifer Price

National Product Manager Ceramic and Resilient Line

Jennifer.price@MBPLtd.co.nz

Mob: 0292799700

www.MBPLtd.co.nz

Spec. Name:	Stainless Steel Profile to Fiberglass with Porcelain Coping Tiles – External	Version:	1554-JLP-V1	Release date:	21/05/2025
Compiled by:	Jennifer Price	Date:	21/05/2025	Checked:	Ian Williams
					Page 4 of 4