



# Swimming Pool Guide

# The Chromo Pool System

## Wall Preparation

### Floors - Preparation

The diagram shows the use of **ChromoTop Screed-Readymix**, Rapid-Set Screed to make up screed levels to falls, if required, on a concrete base prior to ceramic floor-tiling. For bonded applications, use **ChromoTile A20 Screed Improvement and Bonding Slurry Additive** with **ChromoTop Screed - Readymix**.

### Floors - Tile Installation

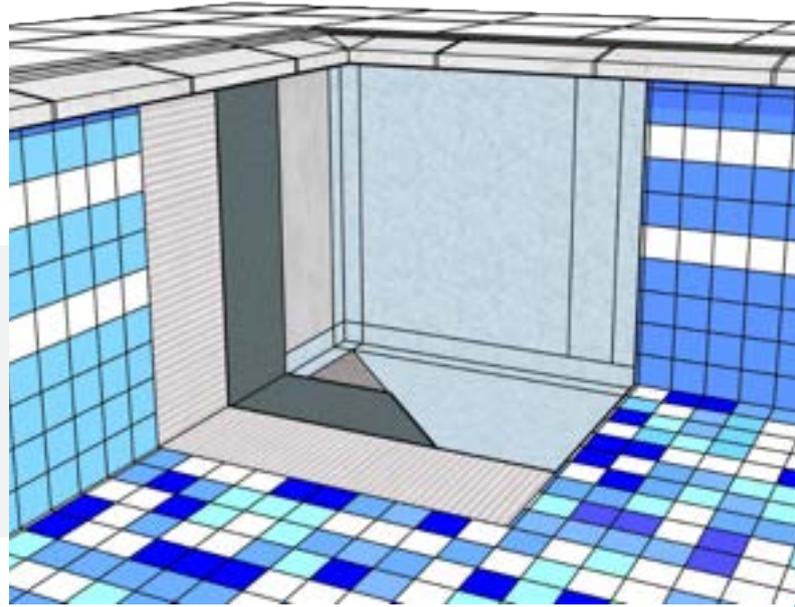
Ensure solid bedding of the tiles is achieved when fixing mosaics or floor tiles with **ChromoTile Ultra S2 (C2 TES2) Tile and Stone Mortar**. When installing large format tiles on a horizontal surface, use **ChromoTile Ultra S2 (C2 TES2) Tile and Stone Mortar** for full coverage.

### Walls And Floors - Waterproofing And Crack Protection

Ensure your pool is watertight with **ChromoSeal WP 2K Flexi** (3 coats) or **ChromoSeal WP Membrane** using **ChromoSeal 2K Flexi** as adhesive. Apply to walls and floors before tiling. Use **ChromoSeal Reinforcement Fabric** with **ChromoSeal 2K Flexi** or **ChromoSeal WP Tape** with **ChromoSeal WP Membrane** and Vapor Retarder. For drain tie-ins, use **ChromoSeal Waterproofing Drain and Pipe Accessories**.

### Walls - Smoothing And Repair

**ChromoWall SF** is a flexible, water-resistant putty for leveling walls, indoors or outdoors, up to 10 mm thick. It smooths walls before tiling or waterproofing, and can be applied in a single coat from 6 mm to 15 mm. For better adhesion, use **ChromoTile P101**.



### Walls - Tile Installation

Install mosaic or wall tiles with **ChromoTile Ultra S2 (C2 TES2) Tile and Stone Mortar** for a strong, durable, long-lasting bond.

### Glass Tile Installation - Walls And Floors

For pool or submerged glass tile installations, use **ChromoTile EPO 2K Epoxy Grout and Adhesive** or **ChromoTile Ultra S2 (C2 TES2)** for setting and grouting. For splash-line areas, use **ChromoTile Ultra S2 (C2 TES2) Tile and Stone Mortar**.



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#### ChromoWall™ SF

Flexible Superfine & Water-resistant leveling cementitious putty for interior and exterior wall applications up to 10 mm thicknesses.



2a

#### ChromoSeal™ 2K Flexi

Rapid Waterproofing and Crack Isolation Compound



2b

#### ChromoSeal™ WP Membrane

Waterproofing membrane and vapor retarder for the tile & stone installations



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#### ChromoTile™ Ultra S1

Deformable Tile and Stone adhesive Mortar Meets En 12004 C2 TE S1

## ChromoTile™ G100

Flexible, Unsanded Grout  
For grout joints on floors  
or walls 3 mm to 8 mm)

4



## ChromoTile™ Epo 2K

High performance, 100 % Solids  
Epoxy Grout and Adhesive  
For grout joints on floors or  
walls up to 2/1" (12 mm)

5



## ChromoTile™ Ultra S2

Highly deformable tile and  
stone adhesive  
Meets En 12004 C2 TE S2

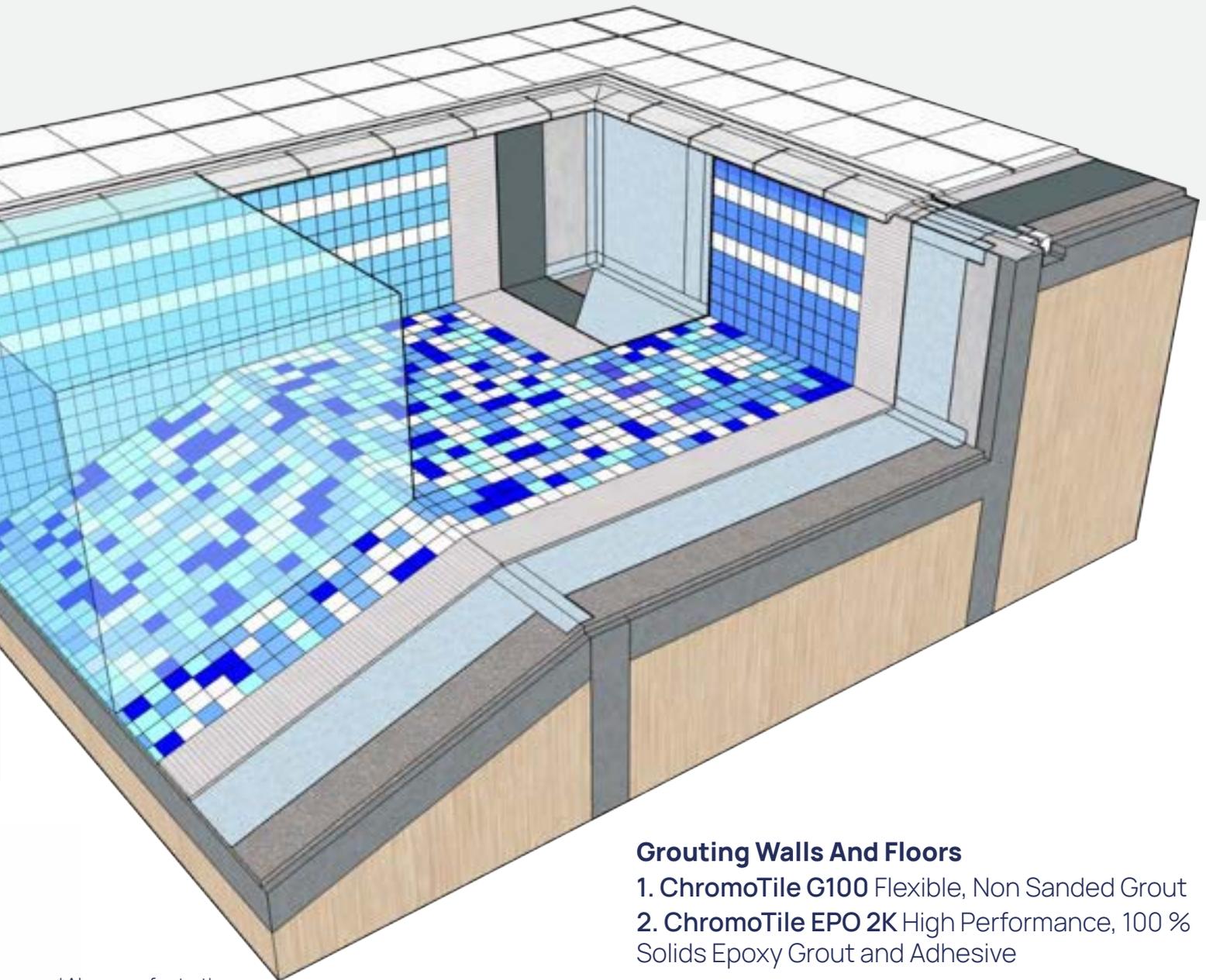
6



## ChromoTop™ Screed

Highly deformable Tile and  
Stone adhesive Mortar

7



### Grouting Walls And Floors

1. ChromoTile G100 Flexible, Non Sanded Grout
2. ChromoTile EPO 2K High Performance, 100 % Solids Epoxy Grout and Adhesive

\*Always refer to the  
technical data sheets

\*Available in 12 Standard colors to match variety of tile selection

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# Swimming Pool Repair

Swimming pool repairs offer a cost-effective solution for fixing loose tiles or small leaks without needing a full replacement.

- 1 Drain the pool
- 2 Assess the pool and pool areas loose tiles or areas of damage
- 3 Fill any gaps, holes or areas of damage with ChromoWall SF to provide a flat, even surface to install tile.
- 4 Apply ChromoSeal 2K Flexi, Rapid Waterproofing and Crack Isolation Compound (3 coats) to any area repaired with ChromoWall SF.
- 5 Set the tile with ChromoTile Ultra S2.
- 6 Grout with ChromoTile G100 Rapid Set, Flexible Grout or ChromoTile EPO 2K, Epoxy Grout, available in 12 colors.

For further technical recommendations, please contact Chromo Building Solutions-technical department at [info@echromo.com](mailto:info@echromo.com).



## ChromoWall™ SF -

Flexible Superfine & Water-resistant leveling cementitious putty for interior and exterior applications up to 10 mm thicknesses.

## ChromoTile™ Ultra S2 -

A highly deformable, flexible polymer modified tile adhesive with a 60 minute open time (double the ISO standard) that is unaffected by water with outstanding bond strength and sag resistance. (C2 TES2)

## ChromoTile™ EPO 2K -

%100 Solids Epoxy Grout and Adhesive - A very easy to apply and clean epoxy grout that provides a highly durable water proof finish with chemical resistance ideal for pools and showers where high levels of hygiene are required.

## ChromoSeal™ 2K Flexi -

Rapid Waterproofing and Crack Isolation Compound - A two component, very easy to use, cement-based waterproofing and crack isolation compound providing outstanding bond to mortars.

## ChromoTile™ A20 -

Mortar Admix - Provides enhanced levels of adhesion and flexibility to mortars.

## ChromoTile™ G100 -

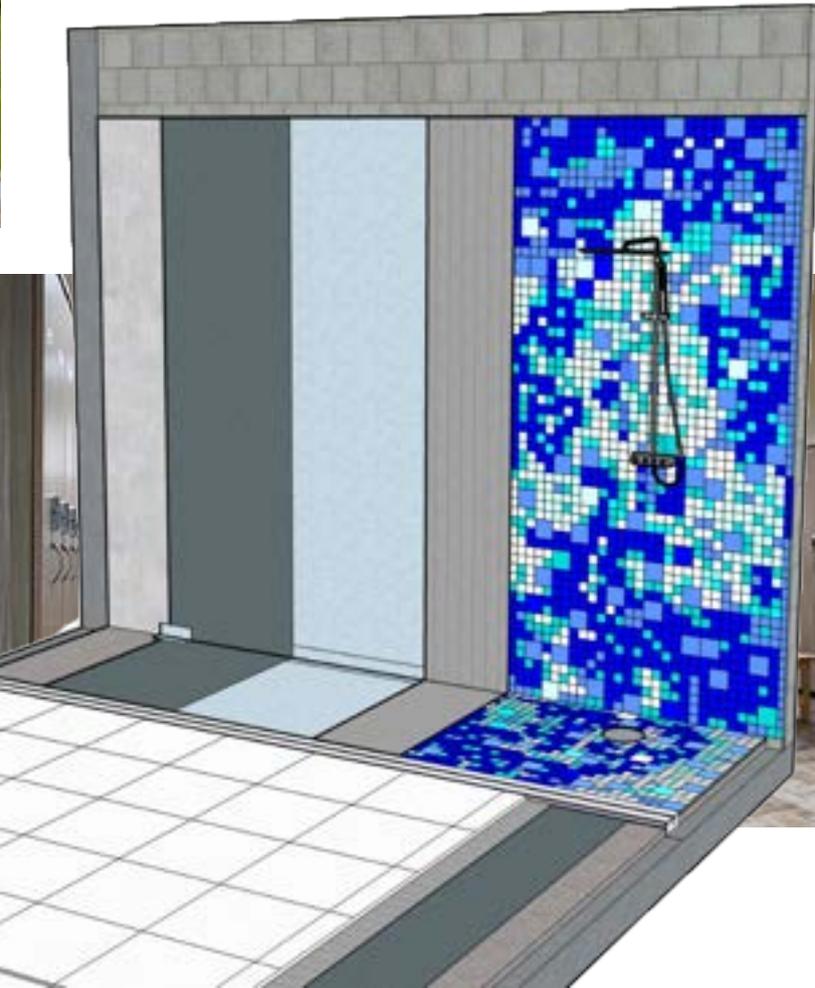
Flexible Tile Grout - Water repellent and stain resistant grout ideal for use in submerged areas; for grout joints (3 mm) to (8 mm).

# Locker Rooms, Gang Showers and Pool Surrounds

Chromo Building Solutions delivers complete systems for locker rooms, showers, and pool surround areas.

Many locker rooms are now including in-floor heating in the specifications. ChromoTop Screed - Readymix and ChromoTop SL 528 self smoothing cementitious floor underlayment can be used over in-floor heating in wet or submerged areas.

Installation of showers, wet areas, and locker rooms requires the substrate to have top-side waterproofing to protect against leakage and disbonding of the tiles. ChromoSeal WP Membrane is the optimal sheet waterproofing option for use in showers, wet areas, and as a vapor retarder in commercial steam rooms. ChromoSeal 2K Flexi Waterproofing Compound is a fast, easy, two-component, cement-based compound perfect for showers and wet areas. ChromoWall SF is ideal for vertical surfaces, providing a smooth finish that ensures a strong bonding surface for tiles in locker rooms and wet areas.



## 1 ChromoWall™ SF -

Flexible superfine & water-resistant leveling cementitious putty for interior and exterior applications up to 10 mm thicknesses.

## 2 ChromoSeal™ WP Membrane -

Waterproofing membrane and vapor retarder for tile & stone installation

## 3 ChromoTile™ Ultra S1/ Ultra S2 -

Tile and stone highly deformable adhesive polymer modified mortar unaffected by water with outstanding bond strength and sag resistance, featuring a true 60 minute open time.

## 4 ChromoTile™ G100 -

Flexible tile grout water repellent and stain resistant grout - ideal for use in showers and wet areas for grout joints (3mm) to (8mm).

## 5 ChromoSeal™ Silicone Sealants -

100% silicone sealant - easy to apply

## 6 ChromoTile™ EPO 2K -

100% solids epoxy grout and adhesive - a very easy to apply and clean epoxy grout that provides a highly durable waterproof finish with chemical resistance ideal for pools and showers where high levels of hygiene are required



# Complete System for Swimming Pool Installations

Chromo provides a comprehensive system for swimming pool installations, from fast-drying screeds for perfect sub-floors to high-performance tile and stone mortars and grouts.

## Substrate Preparation

### ChromoWall™ SF



#### Fast-set smoothing and ramping mortar for tile prep

- Prepares concrete and masonry surfaces for tiling
- Ready for tile installation in just 2 hours
- Simple to apply: smooth, creamy consistency, just mix with water
- Resistant to water and frost
- Apply in a single coat from 4/1" to 4/1 1" thick
- Suitable for both walls and floors

### ChromoTop™ Screed



#### Rapid Set Screed

- Rapid hardening, walkable in 3 hours
- For bonded, unbonded, and floating screeds
- Ready for tile and stone installation in 4 hours
- Suitable for interior and exterior use
- Achieves 28-day strength in just 1 day
- Available in 40 lb (18 kg) premixed or 50 lb (22.7 kg) binder bags

## Waterproofing

Chromo waterproof coatings keep your swimming pool or shower areas fully sealed and leak-proof.

### ChromoSeal™ 2K Flexi



#### Rapid waterproofing and crack isolation compound

- Tile installation ready in just 90 minutes
- Flood test in as little as 4 hours
- Crack isolation up to 8/1" (3 mm)
- Excellent coverage:
  - Kit: 100 sq. ft. (9.29 m<sup>2</sup>) with 2 coats
  - Commercial: 300 sq. ft. (27.87 m<sup>2</sup>) with 2 coats over drywall

### ChromoSeal™ WP Membrane



#### Waterproofing membrane and vapor retarder for tile & stone installations

- Only one layer needed for swimming pools
- Ultra-low perm rating (.04); suitable for commercial steam showers
- For both interior and exterior use
- Easy to cut and apply; use with Chromo high-performance polymer-modified mortars

## Tile and Stone Mortars

ChromoTile™ and Stone Mortars offer extended open times, exceptional bond strength, and ultra-fast setting, enabling quicker grouting.

### ChromoTile™ Ultra S1



#### Fiber reinforced tile and stone mortar

- Superior sag resistance—twice the ISO standard
- 60-minute open time—double the ISO standard
- Easy to mix and apply with a creamy, smooth texture
- Ideal for medium bed applications (large and heavy tiles)

### ChromoTile™ Ultra S2



#### Semi-pourable tile and stone mortar

- 60-minute open time—twice the ISO standard
- Smooth, creamy texture for easy application
- Superior flexibility and strength
- Prevents efflorescence
- Ensures full coverage, perfect for large format tiles

### ChromoTile™ Epo 2K



#### High-Performance, %100 Solids Epoxy Grout and Adhesive (Also suitable as a setting adhesive)

- 60-minute open time
- 40-minute pot life
- Ready for traffic and grouting in just 12 hours
- Excellent coverage: 19.5 sq. ft. with a 4/1" x 4/1" x 4/1" square notch trowel
- Suitable for submerged applications after 7 days

## Grouts

Chromo Grouts deliver an ideal finish for any installation and are offered in 35 colors.

### ChromoTile™ G100



#### Rapid set, flexible, sanded grout

- Fast setting—ready for traffic in 90 minutes
- Suitable for grout joints from 16/1" to 2/1" (1.5 mm to 12.7 mm)
- Perfect for swimming pools and showers
- No sealer or slaking needed
- Ready for submerged applications in 72 hours

## Grouts

Chromo Grouts deliver an ideal finish for any installation and are offered in 35 colors.

### ChromoTile™ Epo 2K



#### High performance, 100% solids epoxy grout and adhesive

- Grouts joints up to 12 mm
- Perfect for pools, hot tubs, and wet areas
- Submersible in 7 days
- Waterproof, frost-resistant, and solvent-free with low VOCs

### ChromoSeal™ Silicone Sealants



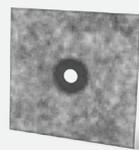
#### 100% silicone sealant for tile and stone uses

- Suitable for both interior and exterior applications
- No sagging or slumping
- Non-staining and non-yellowing
- Resistant to UV, mold, and mildew
- Can be submerged in water after 24 hours
- Available in 35 Chromo colors, including clear

## Waterproofing Accessories



**ChromoSeal™ Corner Tape 90°A**  
Special inside corner made from non-woven and a flexible coating.



**ChromoSeal™ FlexiCollar 10 x 10**  
Floor piping collar



**ChromoSeal™ Corner Tape 90°I**  
Outside Corners



**ChromoSeal™ WP Self Adhesive Tape**  
Waterproofing Tape for waterproof corner joints and perimeter joints



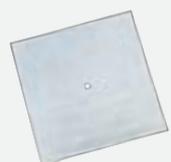
**ChromoSeal™ WP Tape Object**  
A crosswise elastic, double-sided fleece-cladded special seal tape



**ChromoSeal™ WP Tape 120**  
For waterproof corner and perimeter joints, pipe culverts and floor drains



**ChromoSeal™ WP Membrane**  
Underlay for ceramic tiles and natural stones



**ChromoSeal™ FlexiCollar 42.5 x 42.5**  
Floor piping collar

## **Quality Assurance and Responsibility**

Chromo Building Solutions products adhere to rigorous standards certified by an independently verified management system, ensuring compliance with our quality, environmental, and occupational health and safety standards, as outlined in Chromo Building Solutions ESHQ recommendations.

Properties listed are based on laboratory controlled tests.

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# Swimming Pool Guide



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