

G3

POLYPOOL GROUT

WATER RESISTANCE CEMENTITIOUS TILE GROUT FOR SWIMMING POOL.

GROUT

Polypool Grout (swimming Pool) is a premium grout consisting of a carefully blended mix of portland cement, graded fillers, additives and high quality color-fast chemicals. It is suitable for all types of ceramic, ceramic mosaics, porcelain, stones and cultured marble where joint width is up to 4mm.

Polypool Grout (Swimming Pool) is formulated to provide a superior grout that offers ease of workability, fast cure, high compressive strength, good flexural strength and color control to be used in totally water submerged areas.

Polypool (swimming Pool) will dry to a hard, durable and high water-resistant finish, suitable for internal and external applications.

ADVANTAGES

- High water and dirt pick up resistance.
- Just add water to the material, easy to apply and Smooth texture.
- Suitable for internal and external use.
- Suitable for all kinds of tiles and natural stones.
- High color fastness with a wide range of colors
- Ideal for water immersion conditions.

PRODUCT WORKING PROPERTIES

Type:	Pre-mixed cementitious powder
Mix ratio:	~ 3.5 liters of cold clean water per 10 kg bag
Bulk density:	~1.20 kg/l
Wet density:	~1.80 kg/l
Pot life:	45 minutes
Initial set time:	2-5 hours
Final Set time:	24 hours

PRODUCT PERFORMANCE PROPERTIES

Flexural strength:	≥ 3.0 MPa (after 28 days) (ASTM C348)
Compressive Strength:	≥ 17.0 MPa (after 28 days) (ASTM C109)
Shore'D'hardness:	50-65

* Values are valid at ambient temperature of 23°C and at 55% relative humidity.



POLYPOOL GROUT

WATER RESISTANCE CEMENTITIOUS TILE GROUT FOR SWIMMING POOL.

DIRECTIONS FOR USE

SUBSTRATE QUALITY

Check that all tiles are securely fixed and that the adhesive has thoroughly dried before applying any load or pressure to the tiled surface. Ensure all joints are raked clear of any excess adhesive residues to allow an even and consistent depth of grout to be applied in all areas.

Natural stone and unglazed tiles are likely to absorb grout fines and hence prone to surface discolouration. Therefore, apply mixed grout to a spare tile to determine whether staining is likely, and consult the tile manufacturer prior as to whether they recommend a suitable sealing compound to protect the surface.

MIXING

Polypool Grout (swimming Pool) should be added to water in a clean container whilst mechanically stirring and mixing thoroughly to give a smooth, consistent and easily worked mortar. Use the recommended water/powder ratio and do not add more water than is necessary as this may prolong drying and significantly reduce the compressive strength of the cured grout. Part-used grout should never be "freshened up" with later water additions, but should always be discarded once it appears to lose workability. In ideal conditions (23°C), Polypool Grout (swimming Pool) will remain workable for about 45 minutes and then reach the final set within 24 hours. When grouting over a large area using several bags of grout, ensure all mixes are from the same batch and that a consistent and identical water addition is used for each mix.

APPLICATION AND CLEANING

Use a rubber squeegee, or smooth sponge to work the grout thoroughly and consistently into the tile joints, removing the excess as work proceeds across the tiled area. Fine grout residues can be washed away with a lightly damp cloth or sponge up to 2 hours after application, with a final clean finish being achieved using a dry cloth to polish the surface when the joints have dried and hardened.

YEILD

Not suitable for movement joints.

Wear gloves and safety goggles

STORAGE

This will depend on the tile size, joint width, joint depth (tile thickness) and the "Grout Coverage Factor", which, for Polypool (swimming Pool), is 1.5. The approximate grout requirements for square or rectangular tiles can be estimated by the use of the following equation considering that all measures are in (mm):

$$\text{Kg of grout / m}^2 = \frac{(\text{Tile length} + \text{Tile width}) \times \text{Joint width} \times \text{Joint depth} \times 1.5}{(\text{Tile length} \times \text{Tile width})}$$

STORAGE AND SHELF LIFE

Polypool Grout (swimming Pool) has a maximum shelf life of 12 months when stored in dry warehouse conditions in unopened, undamaged original bags. Storage should be away from direct sunlight in ambient temperatures between 5 °C and 35 °C.

PACKAGING

10/20 kg bags

SAFETY PRECAUTIONS

Polypool Grout (swimming Pool) is a non-flammable material and not classified as a hazardous material under current legislations.

The cement content of the product may cause irritation to the skin and eyes. Therefore, unnecessary contact with the product is to be avoided and suitable gloves and goggles must be worn.

Accidental contact of Polypool Grout (swimming Pool) to the skin or eyes should be washed off with clean water. In the event of prolonged irritation, seek medical advice.

Do not dispose of water or soil. Dispose the material according to local regulations.

For further information refer to the material safety data sheet.



POLYPOOL GROUT

WATER RESISTANCE CEMENTITIOUS TILE GROUT FOR SWIMMING POOL.

TECHNICAL SUPPORT

Polywed provides assistance to its customers and gives site support, consultations and technical advice on concrete repair, surface preparation and treatment, tile adhesive and tile grout selection, tile installation techniques and maintenance of different types of tiles.

PRODUCT QUALITY

All Polywed products are manufactured under an independently certified quality management system to conform to the requirements of the international standards.



LEGAL DISCLAIMER: Polywed endeavors to ensure that any advice, recommendations, information it may give, is accurate and correct. It cannot accept any liability either directly or indirectly arising from the use of its products, because it has no direct or continuous control over where or how its products are applied, whether or not in accordance with any advice, specification, recommendation or information given by us. Polywed has the right to change any of the specifications mentioned in the Technical data sheets upon its discretion without prior notification. Hard copies of the Technical Data sheets are printed once or twice a year, while our technical data sheets are continuously being updated as per R&D improvements and new 3rd party testing; kindly refer to our website for the latest updated of the technical Data Sheets.