



FUGA POOL

2900

CG2WA

Description:

High performance, flexible, water-resistant cementitious adhesive with extended open time, reduced slip, and contributes to waterproofing for ceramic tiles and stones.

Usage Areas:

Interior and exterior floor and wall bonding of all types and sizes of ceramic tiles, natural stone, marble, granite, porcelain ceramic, clinker, cotto on cementitious renders, cementitious screeds, and concrete. Bonding of all types and sizes of tiles and glass mosaics in swimming pools, Turkish baths, water tanks, basins, and any other wet places. Bonding of ceramic tiles or granite on existing granite, ceramic, marble. Bonding of tiles in places where sudden temperature changes occur like cold storage depots and over floor heat installations. Bonding of tiles on places subject to heavy traffic like shopping malls, hospitals, schools.

Properties:

Resistant against pool chemicals. Approved to be used in contact with water intended for human consumption. High flexibility. Good compressive and flexural strength and good resistance to freeze/thaw cycles. Low water absorption. Low shrinkage, therefore absence of cracks. A smooth final surface. Very good abrasion resistance. Fast curing. UV and climatic change resistance in 7 different colors.

Performance Data:

Flexural Strength (after 28 days) (EN 3-12808): ≥ 2.5 N/mm²
Compressive Strength (after 28 days) (EN 3-12808): ≥ 15 N/mm²
Flexural Strength (after freeze/thaw cycles) (EN 3-12808): ≥ 2.5 N/mm²
Compressive Strength (after freeze/thaw cycles) (EN 3-12808): ≥ 15 N/mm²
Abrasion Resistance (EN 2-12808): ≤ 1000 mm³
Bulk Density: ~ 1.00 g/cm³
Shrinkage (EN-4-12808): ≤ 3 mm/m
Water Absorption after 30 min / 4 hours (EN 5-12808): ≤ 2 g. / ≤ 5 g.
Service Temperature Range (after final cure): (-30°C) - (+80°C)





Application:

Pour Empire Fugapool 2900 slowly on clean water at an amount specified in the technical table and mix until a homogeneous mixture is obtained. A low-speed mixer is recommended to use. The amount of water should be precisely measured. Do not add any additive which is not mentioned in the application instructions. Adding more or less than the specified amount may cause cracking, dusting, and color defects. Allow to stand for 10-5 minutes to mature. After 2-1 minutes of remixing, the paste is ready for application.

Use the mixture within 1 hour of preparation. Fill the joints completely with Empire Fugapool 2900 using the appropriate rubber trowel, making sure the joints are completely compacted. Remove excess Empire Fugapool 2900 from the surface by moving the float diagonally across joints. When the grout mortar filled into the joint gaps loses its water and becomes dull (usually after about 20-10 minutes), the surface should be cleaned in a circular motion with a wet sponge. This period may be shortened in applications made in unfavorable ambient conditions such as direct sun, wind, etc., when coating materials have waited under the sun or have high absorbency.

The problem of fluctuation in color may be encountered if the wiping is done too soon or when using a very wet sponge. The sponge should be cleaned frequently and water inside the bucket must be renewed frequently to prevent the development of haze on the tile surface. After making sure that the Empire Fugapool 2900 grout mortar is cured enough not to drain from the joint, the residues on the surface should be cleaned with the help of a dry cloth.

General Data

Appearance: White and colored powder

Shelf Life: 12 months when stored in the original sealed packing in a dry place.

Storage:

Keep dry at between +5°C and +35°C in moisture-free conditions. Avoid direct sunlight. Packages should be protected from water, frost, and adverse weather conditions. Shelf life is maximum 12 months conditional to complying with the above-mentioned conditions.

Mixing Ratio:

6.8 - 6 liters water / 20 kg powder

1.7 - 1.5 liters water / 5 kg powder

Application Temperature Range: (+5°C) - (+35°C)

Pot Life: 1 hour

Set to Light Traffic: 1 day

Consumption: See consumption table depending on the width of the joints and dimensions of the tile.

Application Data:

Application Temperature Range: (+5°C) - (+35°C)

Mixing Ratio: 6.8 liters water / 20kg powder

Pot Life: 1 hour

Set to light traffic: 1 day

Package:

20 kg multi-ply paper bags

