Pool and Wet Floor Adhesive Mortar

Product Description
It is a high performance, single component special adhesive mortar containing cement based polymer modified fillers and also provides. (C2 TES2)

Areas of Use
— On indoor and outdoor, horizontal and vertical surfaces,
— In wet environments such as pool, water tank, sauna, Turkish bath,
— It is used for adhering coatings such as ceramic, glass mosaic on surfaces such as concrete, plaster and screed.
— It can be applied on cement-based plasters and under-heated floors on concrete surfaces and on floors subject to heavy traffic.

Application Surfaces
indoor and outdoor wall;
— Cement-based plaster,
Indoor and outdoor;
— floors with gross concrete lining;
— Cement based screed,
— Concrete flooring,

Advantages
— It provides high performance in bonding in wet areas.
— Provides high adhesion strength.

Preparation of the Surface
— Defects on the application surface should be corrected 24 hours before, with the appropriate Newkim repair mortar, depending on the surface depth and structure.
— The application surface should be wetted and should remain moist.
— If the surface is very water absorbent, primer should be applied to the surface and then applied.

Preparation of Mortar
— A 25 kg bag of dry mortar is poured into approximately 6-7 liters of water slowly and mixed with a mixture or a trowel so that it does not lump.
— Wait for 5 minutes to complete the chemical reaction.
— It is mixed again before starting to use.

Application Details
— First, a contact layer is created by pressing the adhesive mortar vigorously over the application surface.
— The product is combed with a toothed trowel of your choice according to the size of the tile.
— In vertical applications, dilatation joints should be fixed to their places by applying force so as not to be covered in the bottom row and in ground and pool applications.
— The adhesive mortar should contact at least 80% of the back of the ceramic.
— During the laying of large-sized ceramics, double-sided bonding method should be preferred, and adhesive plaster should be applied to both the back of the ceramic and the surface and plates should be fixed so that the carding direction is perpendicular to each other.
— Apply force with the help of a rubber hammer to ensure good adhesion.

— Stick the tiles on the mortar combed within 30 minutes at the latest.
— The prepared mortar should be consumed within 2 hours.

Application Limit
— It cannot be applied on wood surfaces, metal surfaces, painted and damp surfaces.
— It cannot be applied on surfaces such as gypsum board, gypsum plaster, gypsum block without adherence enhancing primer.

Application Requirements
— The ambient temperature should be between +5 °C and +35 °C.
— It should not be applied on surfaces that are frozen, melting or that are in danger of frost within 24 hours.
— It should not be applied under direct sun, strong wind or on hot surfaces.
— No materials (lime, cement, gypsum, etc.) should be added to the prepared mortar.
— Expired mortars should not be mixed with water or dry mortar and used again.

Application Tools
Hand mixer, trowel, rubber hammer, toothed steel trowel.

Warnings & Suggestions
— Newkim Silicone Flex Joint Filler should be used in joint application.
— Foreign materials must not be added.
— After application, all tools used should be washed with water before drying.

- CONSUMPTION -

Applied Surface	Comb Tooth Depth	Consumption (One Sided)	Consumption (Double Sided)
1 m²	4x4x4	1,2 - 1,3 kg/m²	1,7 1,8-kg/m²
1 m²	6x6x6	1,7 - 1,9 kg/m²	2,3 - 2,5 kg/m²
1 m²	8x8x8	2,4 - 2,6 kg/m²	3,2 - 3,5 kg/m²

Technical Information

Technical Information is relative to 55% (± 5 °C) relative humidity environment at 23 °C (± 2 °C).

Appearance	White and Gray Fine Powder
Powder Density	1,65 kg. / Lt. (±0.15)
Water Mixing Rate	6-7 lt. water / 25 kg. Powder
Resting Time Pot	5 minutes
Life	1.5-2 hours
Extended Open Hold Time Pull	Min. After 30 minutes ≥0.5
Adhesion Force	N/mm² (EN 1346)
Application Temperature	+5°C ile +35°C arası
Adhesion Force (28 days EN 1348)	≥1 N/mm²
Slip	≤0.5 mm (EN 1308)
Transverse Shape Changing	≥2.5 mm ve ≥5 mm (EN 12002)
Walking Time On	Min. 24 hours
Fire Response Class	A1


Consumption
3-5 kg / m²


Packaging
25 kg. Kraft bag.


Shelf Life
1 year from the date of production in drought and dry environments


Color
White Gray