



Anchor Fixing and Fluid Grout Mortar

Product Description

It is a cement-based, self-leveling Anchor-
age and Fixing and Fluid Grout mortar used
for fixing machines.

Areas of Use

- Anchoring of machine feet,
- In repairs requiring early and high strength,
In high bearing capacities and bearing
elements of the carrier,
- In fixing traffic lights, signs and road poles,
bridge parapets and safety anchors in road
and bridge connections, placing sewer and
channel plates,
- Filling the connection and bearing circles,
- It uses in the construction of steel structures,
where concrete and steel converge,
- Repairing concrete floors exposed to vehicle
and pedestrian traffic,
- For raising manhole and manhole covers,
- It is applied in the fixing of curbside and
paving stones.

Application Surfaces

Indoor and outdoor floors;

- Cement based screed,
- Concrete flooring, Prefabricated concrete,
- Consult us for other application surfaces.

Advantages

- It shows high adherence and durability
shortly after application.
- It is highly fluid and does not self-set and
shrink.
- It provides resistance against abrasion and
impacts on concrete surfaces.
- It reaches high pressure and bending
strength values in a short time.



Preparation of the Surface

- The floor surface to be applied must be clean
and free from dirt, dust and weak particles.
- The mold to be applied must be fixed, sealed
and cleaned very well.
- If the application is to be done on old
concrete, the surface must be moistened
before application.
- Small puddles should be avoided. Enough
material should be prepared to be used
considering the working time.

Preparation of Mortar

- 25 kg Newkim Anchor Fixing and Fluid Grout
Mortar should be poured into the container
with an average of 4,5-5 liters of clean water
slowly and mixed for about 1-3 minutes with
a low speed hand mixer until it reaches a
homogenous consistency. Water should not
be added to the hardening mortar.
- The grout in the fluid structure must be
poured continuously from one side of the
mold that is already prepared.
- Air compression in the mixture should be
avoided.
- To ensure that all gaps in the mold are filled,
placement must be done using a steel wire
with a hooked end.

Application Details

- Wide surfaces open to external weather conditions should be protected from sunlight and wind by covering them with a cloth for 48 hours.
- Enough material should be prepared to be used considering the working time.
- The vibrator should not be used. The specified periods are valid at 20 °C surface and ambient temperature, time is prolonged at low temperature, time is shortened at high temperature.
- After application, the surface should be moistened for 2-3 days.

Application Requirements

- The surface and ambient temperature should be between +5°C and +35°C.
- Avoid application under strong wind or sun. It should not be applied on surfaces that are frozen, melting or that are in danger of frost within 24 hours.

Application Tools

Hand mixer, iron trowel.

Warnings & Suggestions

- 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 should not be made on very hot or frozen surfaces that have been exposed to the sun for a long time.
- It cannot be applied on wood coatings, metal coatings and moisture-exposed surfaces.
- Do not go beyond the specified application surface and instructions for use.
- Do not breathe, wash with plenty of water in contact with eyes, seek medical advice if necessary.
- Since it is a cement-based material, gloves should be used during application.
- The packaged product should not be stored in humid environments.

Technical Information

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

Appearance	Fine Grey Powder
Powder Density	1.6 g/ml (± 0.1)
Water Mixture Ratio	4,5-5 lt. water / 25 kg.
Pot Life	Powder maximum 15 minutes
Time to Use	Min. 6 hours later
Application Time (Pot Life)	10-15 min.
Application Thickness	Min. 5 mm
Waiting Time Between Coats	1 hour
Full Curing Time	28 days (+20°C)
Wet Unit Weight Adhesion	2000 \pm 100 Kg./m ³
Strength Compressive	> 1,4 N/mm ² (28 days)
Strength Bending Strength	> 40 N/mm ² (28 days)
Flexural Strength	> 10 N/mm ² (28 days)



Consumption
17.5 kg / m²
for 1 cm



Packaging
25 kg. Kraft Bag



Shelf Life
8 months from the date of production
in drought and dry



Color
Gray