Non - Shrink Grout

M670



M670 is non-shrink grout hydraulic mortar with excellent flow property. It gives high compressive strength and no shrinkage. It is suitable for general construction and Industrial construction works.

Usage Quantities Information

Mixing ratio	Amount of mortar per 1 cubic meter
TPI M700 1 bag (50 kg)	TPI M700 50 bag (2,500 kg)
Water 7.5 liters	Water 375 liters

Usage Quantities: In case of mixing with stone size 1/2”

Mixing ratio	Amount of mortar per 1 cubic meter
TPI M700 1 bag (50 kg)	TPI M700 30 bag (1,500 kg)
Stone size 1/2’ 30-40 kg (3-4 buckets)	Stone size 3/4” 900 - 1200 kg (90 -120 buckets)
Water 7.5 liters	Water 225 liters

How to use

Surface Preparation

- Clean the surface until the free from dust, oil, chemical and other contaminates, they may affect to adhesion.
- Treat the surface with water and let to semi-dry surface before applying with mortar.
- In case of casting in mold, ensure that mold is in a good condition without leakage because Non-Shrink Grout M670 is easy to ow than other mortars.

Application

- Mix 1 bag (50kg) of TPI M670 with 7.5 liters of water until the mixture is homogeneous.
- Pour the mixture into the mold and let it flows itself.
- In case of more than 4 cm thickness of concrete, it should be added stone size 1/2” in the mixture with the ratio 30-40 kg of stone per 1bag (50 kg) of TPI M670 mortar.

Curing

- TPI M670 completely set in 4 hours and for enhancing the compressive strength, curing with spray watering or the dump cloth covering at least 3 days.

Precaution

- Should not use with excess water to prevent for shrinkage and loss of compressive strength.
- In case of adding stones, it should be used clean stones.
- After setting, it should be cured as indicated above.

Suitable for industry, Construction, Engineering, Machine base with good flow properties