

- PRODUCT NAME** : RockerTEC 500 THICK 5 – 20 mm
- DESCRIPTION** : Cement based, fibre reinforced repair mortar used in repairing and plastering all kinds of exposed concrete and prefabricated concrete elements.
- INTENDED USES** : Repair of edges and corners on the walls and ceilings of
Interior and exterior surfaces,
Repairing non-structural areas,
Repairing and plastering of aerated concrete, exposed concrete, prefabricated concrete, briquette brick etc. in reinforced concrete buildings and structures,
Aesthetic repair of concrete elements,
Filling concrete cavities and repairing cracks,
Repairing broken prefabricated concrete elements,
It is used to obtain a smooth substrate before laying ceramics and tiles.
- PROPERTIES** : Can be used in vertical and horizontal applications.
Adheres well to concrete and reinforcement.
Has a waterproof feature.
Resistant to freeze-thaw cycle.
There are two types as TH-500 thick and fine aggregate.

TECHNICAL DATA

Appearance	Grey powder
Application temperature	(+5°C) - (+30°C)
Temperature resistance	(-30°C) - (+80°C)
Application thickness	5 – 20 mm
Time required in-between layers	3 hours
Time required for foot traffic	24 hours
Full curing time	28 days
Cavity unit volume mass	1900±95 kg/m ³
Grain size	≤3.0 mm
Compressive strength	≥25 N/mm ²
Capillary water absorption resistance (EN 13057)	≤0.5 kg/m ² .h ^{0.5}
Bond strength formed by adhesion	≥0.8 N/mm ²

- These values are obtained under laboratory conditions ((23±2) °C temperature, 50% relative humidity) and may differ due to worksite conditions.
- ROCKER YAPI KİM.SAN.TİC.A.Ş. is not responsible for the application errors that may arise if the application conditions and precautions outlined above are not followed for the purpose of the product

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SURFACE TREATMENT : The surface must be clean, dry, smooth and solid.
The surface must be free of residues such as oil, dirt, paint that will prevent adhesion.
Very absorbent surfaces must be saturated with water before application. However, water must not remain on the surface.

APPLICATION : Slowly Pour 25 kg of **RockerTEC 500 THICK** powder into 4.0-4.5 L of water and mix with a low speed mixer until a homogeneous mixture is obtained.
The prepared mixture should be rested for 5 minutes application and mixed again for 1-2 minutes before application.
The mortar to be applied is smoothed to the desired thickness with a trowel.
After the initial setting period of the mortar (45-90 minutes after the external temperature and thickness of the mortar layer), finishing should be completed with a trowel and the surface should be smoothed with a damp sponge.
Adhesion process should not be performed instead of expired mortar, mortar should be scraped from the surface.
Applications with a thickness of more than 10 mm should be applied in layers and a minimum of 3 hours should be waited between each layer.

CONSUMPTION : 1.90 kg/m² (for 1 mm thickness)

SHELF LIFE : Shelf life of an unopened package stored in a dry, cool place is 12 months from the date of manufacture. Protect from frost.

PACKAGING : 25 kg Kraft bag (Pallet 64 bag, 1600 kg)

WARNINGS AND RECOMMENDATIONS :

- It should not be applied on old painted surfaces, gypsum and aerated concrete.
- The surface must be moistened for 2-3 days after the application.
- It should not be used as a top layer for concrete floor coating on large surfaces.
- Do not breathe the powder or contact with skin or eyes as it is cement-based.
- After application, hands and applications tools should be thoroughly washed with water.
- During application, surface must be protected from wind and direct sunlight.
- The indicated consumption amount is general information and may differ due to application conditions and surface features.