



mr.Tamcrete 100 TX[®]

Construction and repair mixture

Product code: 50.25.004



About product

mr.Tamcrete 100 TX[®] is a construction and repair mixture with concrete based, single component, polymer and fiber mixture, not peeling off, smooth.

Usage fields

- ✓ in repair of reinforced concrete construction fields
- ✓ Protection of concrete from the affect of sulphate and chlorine
- ✓ Repair and control of building in the sea
- ✓ Repair and protection of the historical monuments under the sub ground
- ✓ Smoothing of repair and surface of non-smooth parts of high tension concrete and its parts
- ✓ Obtaining durable and strong layer in raw concretes
- ✓ In mounting of ready concrete construction items manufacture in the plant
- ✓ Used in light and interim weight floors with special cover and surface repair

Advantages:

- ✓ Only mixed with water and applied easily
- ✓ Create high adhesion in concrete and supply
- ✓ Have high pressure resistance
- ✓ Have high thixotropic feature
- ✓ Waterproof
- ✓ Resisting to frost and fusion
- ✓ Durable against chlorine and sulfate
- ✓ Durable against oils
- ✓ Not shrink

Technical Specifications

| Content of the material | Mineral aggregates, synthetic admixture and special cement |
|---|--|
| Colour | Grey |
| *Resistance to pressure Day 1 Day 7 Day 28 | >20N/mm ² >50N/mm ² >60N/mm ² |
| *Resistance to bending (28 days) (TS EN 196) | >7,0 N/mm ² |
| Adhesion to concrete (28 days) | >2,0 N/mm ² |
| Elasticity module (28 days) | >20.000 N/mm ² |
| Capillary water sponge (TS EN 13057) | ≤ 0,5 kg.m ⁻² hour ^{0,5} |
| Application thickness | Min. 10 mm Max. 40 mm |
| Heat of applied surface | +5°C +30°C |
| Service heat | -20°C +400°C |
| Using period (+20°C) | 30 minutes |
| Term for walking on it (+20°C) | 24 hours |
| Full raw material term(+20°C) | 28 days |
| Mixture's density | 2,25 kg/liter |

Above mentioned numbers are given for + 23°C and 50% humidity obtained as a result of tests made 4x4x16 mixture prism. High temperature shortens the period and low temperature increases the period.

Usage specification

Application specification;
It is paid attention to ensure the surfaces should be strong, dry, clear, dustless and non-conveyable. The surface must be cleaned from all remainders of grease, rust, thick lubricating

oil, rust and paraffin that will weaken the sticking and no surplus fragments must be on the surface. The edges of the surface must be



cut uprightly as far as possible, the rust in the place of supply must be cleaned, if necessary, be supplied again. If there is any leakage water must be sucked up or prevented with the proper cork. The area of application must become saturated, but no surplus water must be remained.

Preparation

The water to be used is filled a clean dish and mixed with mixer by 400-600 for 4moments by adding Mr. Tamcrete 100 TX® until bubbles dissolved. After waiting for 4 moments and then remixing for 30 seconds, the product is ready for use.

Mixture comparison

1 kq toz üçün ~ 0,16 su
25 kq toz üçün ~ 4,00 su

Consumption

~19 kg/m² are applied for 10 mm thickness.

Cleaning of the tools

Tools and equipments used after application must be cleaned with water. mr. Tamcrete 100 TX® may be cleaned from the surface mechanically after it hardens.

Storage conditions

Store in an unopened original packing, cool and dry place protecting against freezing. In short-term storage 3 rows must be put in all

and be carried by means of system of first entry and first exit. In long-term storage they must not be put in all.

Storage period

1 year from production date under proper store conditions. Opened bags must be used within one week by keeping in the proper storage conditions.

Safety measures

During the application, uniform, protective glove, glasses and mask suitable for the working and health conditions must be used. For negative effects of raw material, do not touch the contents to the skin and eyes, otherwise you must wash the same region with water and soap well and if you swallow it apply to the doctor immediately. Do not allow the foodstuffs to the areas where the material is applied. Keep out of



reach of children.For detailed information please refer to the Safety Information Form.

Responsibility

Mr. Fix is only responsible for the quality of the product and our company is not responsible for the usage out of written offers regarding where and how the product shall be used or dangerous usages. We ask you to demand product manual and contact with responsible persons regarding the necessary support.

Net: 25 kg ±2%