

Teknolutex 550

Polymer Based Soil and Stone Hardener



Description of Product

Solvent free, water-based, polymer based, one component, solution used for hardening and stabilizing or anti-dusting all kinds of soils and aggregates.

Fields of Usage

- Construction site areas and roads,
- Heavy vehicle roads, Dirt roads without coating, Border patrol roads and agricultural access roads
- Road foundation and sub-foundations
- Warehouse and stock piles
- Airport, Airport aprons,
- Mine deposits and sites,
- Golf courses and walking paths, parks, forest roads and recreation areas
- Storage areas

Features and Benefits

- Easy to apply
- Especially suitable for highly absorbent surfaces
- Water-based and Oderless.
- With the special polymers it contains, it shows an excellent binding feature on dusting soil or stone surfaces.
- High water resistance.
- Provides a perfect image without spoiling the natural look.

Application Procedure

Teknolutex 550, is a concentrated ready to use solution.

It can be thinned with water depending on the condition of the surface to be applied. To prevent dusting, 8 - 10 lt of water can be added to 1 lt of Teknolutex 550 and it can be applied with a brush roller. For dirt roads, an average of 1 - 3 lt of water is added to 1 lt of Teknolutex 550.

Teknolutex 550 is mixed with water that is determined according to the type of soil and it is brought into solution. The mixture is applied on the soil surface by spraying method. Spraying is continued until the ground is sufficiently moist.

Teknolutex 550 applied soil is compacted via a cylinder. The application surface can be opened to traffic after 7 days

Notes on Application / Limitations

- The area must be free from rain and frost for a minimum of 72 hours after the application.
- Application area should be completely dry and free from water.
- The application surface can be opened to traffic after 7 days. Heavy loads must not be carried on the area before this period is completed. The time may be longer or shorter depending on weather conditions.
- The product may irritate the skin. Wear protective gloves, eye protection or face protection. Protective cream can also be applied to the hands before starting work.
- In case of contact with eyes rinse cautiously with warm water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- After the application, it hardens immediately. Hands and skin should be washed thoroughly in hot soapy water.
- Clean tools and equipment with clean water immediately after use. Once hardened, product can only be removed mechanically.

Technical Data

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|-------------------------|---|
| Color | White |
| Density | 1,02±0,03 (g/ml) (ENISO2811-1) |
| Packaging | 30kg plastic pails |
| Storage condition | Store tightly closed in a dry and cool place.. |
| Shelf life | 12 months from date of production if stored in original, unopened, undamaged packages |
| Application temperature | + 5°C, +35 °C |
| Opened to traffic time | After 7Days |

(Typical values are obtained from the test results of TEKNO Construction Chemicals Laboratory studies in +20 °C and %50 relative air humidity conditions and valid for its performance after 28 days.)

Notes:

All technical data contained in this Product Data Sheet are based on laboratory test results. *Actual* measured data may vary due to circumstances beyond Tekno Yapı Kimyasalları San. Tic. A.Ş control.

Local Restrictions:

Please note that the performance of this product may vary from country to country due to local regulations. Please refer to your local product data sheets (TDS) Please note that the performance of this product may vary from country to country due to local regulations. Please refer to your local product data sheets (TDS)

Health and safety precautions:

For detailed information and advice on the safe handling, storage and disposal of chemical product, please consult the Material Safety Data Sheet (MSDS) which contains physical, ecological, toxicological and other safety-related data.

Legal Disclaimer:

The technical information relating to the application and end-use of Tekno Construction Chemicals products, are given in good faith based on Tekno Construction Chemicals' current experience and knowledge of the products when properly stored, handled and applied under normal conditions in accordance with Tekno Construction Chemicals' recommendations. Product's application areas and application surfaces are diverse. When you use the product please, be sure to apply it to the correct application conditions and in/on the right place. The user of the product must test the product's suitability for the intended application and purpose. The informations and instructions of the product must be followed strictly otherwise, Tekno Construction Chemicals are not responsible for any damages that may occur. Tekno Construction Chemicals reserve the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Please note that users must always refer to the most recent issue of the local Product Technical Data Sheet (TDS) for the product concerned.

