

TERADEK PLASTIC TRACK

Textured Hybrid Resin Floor Toppings

Product # 114.141

Version no: 16.11.23

Data
Tech

PRODUCT DESCRIPTION: Teradek Plastic Track is a two component pigmented hybrid resin floor topping mainly for cycle tracks, car parks. Teradek Plastic Track is laid at a thickness of 1.5 mm to 2 mm. Teradek Plastic Track is joint less, monolithic, textured, non-porous, hygienic, and chemically resistant. It is available in a number of colors and has sufficient strength to withstand traffic with nylon/rubber wheels.

AREAS OF APPLICATION

It is recommended for application in the following areas:

- Racing tracks
- Badminton courts
- Squash courts
- Jogging tracks
- Lawn-Tennis courts
- Bicycle-tracks
- Volley Ball courts
- Car Parks
- Road Markings

ADVANTAGE

- Easy to apply
- Flowable consistency for leveling application
- Have excellent bond to concrete and other substrates like Kota stones/Bitumen Road Surface
- Seamless, non-staining and does not allow growth of bacteria hence suitable for potable water or food storage
- Good resistance to abrasion. Does not generate dust even under vehicular traffic
- Available in attractive colors
- Excellent resistance to chemicals
- Total Volatile matter : Low
- Teradek Plastic Track has a unique property of texturing for car park systems without sand broad casting to avoid any dirt pickup and easily cleanable
- Teradek Plastic Track is resistant to fungal, bacterial growth, wear & tear and is ideally suited for areas where hygienic, dust free and resistance to abrasion is required

APPLICATION

SURFACE PREPARATION

Substrate must be dry, firm, offer good traction, free from loose particles, dust, dirt and additionally free of oil, grease and other impurities which can adversely affect uniform adhesion. If considered necessary, the surface should be flame scaled, milled or grind. Iron and steel must be free of rust and scale and should be free from oil, dust and grease and other dirt particles. The best method of preparation is to flame scale or grind.

PRIMING

Priming will be 200 - 250 gms per sq.mt or based on surface porosity.

Mix Fibfloor Cem Primer component A & B thoroughly and apply by brush or roller. Allow the primer to dry.

MIXING

Mixing is carried out in a specially designed drum mixer or in a bucket with the help of drill mixer fitted with paddle. Mix Teradek Plastic Track component A thoroughly with the help of mixer/drill mixer and then add component B slowly, till a homogeneous mix is obtained ensuring complete dispersion.

APPLYING AND LAYING

Teradek Plastic Track must be laid immediately after mixing is over. The mix should be spread evenly over the recommended area using a notch trowel. Use spike roller with long handle on pourable casted floor to remove entrapped air.

CLEAN UP

- Clean all tools immediately after use with Fibrex Remover. Do not allow material to harden.

TECHNICAL SPECIFICATIONS

Appearance	
A part	Colored liquid
B part	Clear to transparent liquid
Mixing Ratio (A:B)	44.45:1(by weight)
Density	
A part	1.8±0.02 gms/cc
B part	1.15±0.02 gms/cc
Mix Density	1.66±0.02 gms/cc
Compressive Strength	50 N/mm ² - BS 6319 pt2
Flexural	38 N/mm ² - BS 6319 pt2
Adhesion strength	1.5 N/mm ² - ASTM D412
Tensile Strength	20 N/mm ² - ASTM D412
Water absorption at 27°C at 24 hr	0.20 %
Elongation at break	8 % - ASTM D412
Rockwell hardness on R- Scale	82
Estimated Coverage	Fibfloor Cem Primer 200-250 gms/m ² and Teradek Plastic Track @ 3 KG/ sqm for 1.8-2mm thickness
Pot Life at 30°C	45 minutes (approx)
Curing Time	Foot traffic after-24 hours Full load after-72 hours Full cure - 7 days
Shrinkage factor	Negligible

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All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

CHEMICAL RESISTANCE

Teradek Plastic Track is resistant to a variety of chemicals as given below :

10% Acetic Acid	Resistant
25% Ammonium Hydroxide	Resistant
Caustic Soda	Resistant
Lactic Acid	Resistant
25% Phosphoric Acid	Resistant
10% Nitric Acid	Resistant
10% Sulphuric Acid	Resistant
10% Citric Acid	Resistant
10% Hydrochloric	Resistant

Prolonged contact with chemicals will affect the color of the flooring. Wash off spillage with water. Regular washing of floors with detergent water is recommended after 7 days of application time. Good housekeeping such as regular washing will prolong the life of the floor.

COLOUR RANGE

Teradek Plastic Track is available in various attractive colors (See Teradek Stamp concrete shade card). Every effort is made during manufacturing to maintain consistency of color, however exact colour can vary from one batch to other batch.

PACKAGING

TERADEK PLASTIC TRACK (A+B : 9 KG PACK)
1 Pack Cover 3 m² @ 3 KG/ sqm for 1.8-2mm thickness

Supply

2 Packs Set : 18 KG (A Part : 2 Nos, B Part : 2 Nos)

STORAGE

Store the material at temperatures between + 10° C and + 35° C in originally sealed packages, the material can be stored for twelve months.

But before opening the drums, be assured that the temperature of the materials has the ambient temperature to avoid condensation. Open containers of material should be used quickly to avoid moisture contamination. If a container needs to be resealed, it should be blanketed with nitrogen to minimize water exposure.

PRECAUTIONS

During mixing and application the following precautions should be observed: ensure adequate ventilation and avoid contact of the material with the eyes, nasal passages, mouth and unprotected skin. Avoid contact with the hands by wearing protective gloves and using, if necessary, a suitable barrier cream. In case of contact with the eyes, rinse immediately with plenty of water and seek medical advice and after contact with the skin wash immediately with plenty of soap and water (do not use solvents). Prolonged contact with the skin should be avoided, especially where the user has an allergic reaction. Always wear gloves and eye/face protection as necessary. Observe personal hygiene, particularly washing the hands after work has been completed or at any interruption whilst work is in progress. Care should be taken when removing gloves to avoid contaminating the insides. In case of accidents seek medical advice.

DISPOSAL / SPILLAGE

Spillage of the product should be absorbed onto sand or other inert material and transferred to a suitable disposable vessel. Disposal of such spillage or empty packaging should be in accordance with local waste disposal authority regulations.

NOTE

The information supplied in this datasheet is based upon extensive experience and is given in good faith in order to help you. Our company policy is one of continuous Research and Development; we therefore reserve the right to update this information at any time without prior notice. We also guarantee the consistent high quality of our products; however as we have no control over site conditions or the execution of the work, we accept no liability for any loss or damage which may arise as a result thereof.

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HEALTH AND SAFETY

This material is intended to be used by trained professionals with proper equipment's. The following safety measures are recommended:

- Wear protective gloves, clothing, goggles, hearing protection for noise reduction and hard hats for falling debris.
- Do not eat, drink or smoke while in active contact with these materials.
- Avoid skin contact.
- Wash hands thoroughly with soap and cool water. Never wash the skin with a solvent.
- Anyone experiencing difficulty breathing when working with these materials or showing an allergic reaction should seek fresh air immediately and consult a physician if symptoms persist.

DISCLAIMER:

Fibrex Construction Chemicals products though are guaranteed against defective materials and manufacture and are sold subject to its standard terms and conditions of sale, copies of which may be obtained on request. Fibrex Construction Chemicals wishes to clarify that any advice, recommendation, specification or information is accurate and correct, though it cannot, at any time assume any liability either directly or indirectly arising from the use of its products. This is because it has no direct or constant control over where or how its products are applied, and whether or not in accordance with the advice specification, recommendation or information given by it.

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