

PRODUCT DESCRIPTION:

Trafficoat® is a two component epoxy wear-coat system for parking decks giving skid and abrasion resistance floor.

USES:

- New or old construction floors for car parks
- Creates bright and environmental friendly floors
- Resurfaces old damaged concrete floors
- Ramps and turning floors
- Installs above (only interior) or below grade

BENEFITS:

- Creates bright and environmental friendly floors
- Abrasion resistance
- Fire and slip resistance
- Experienced, authorized applicators all over India
- Exceeds standards set by leading floor goods manufacturers
- Excellent bonding with dry and slightly wet floors

TECHNICAL DATA:

Properties	Values
Tensile Stress at Break :	20 N/mm ²
Adhesion to Concrete:	>2.0 N/mm ²
Abrasion Resistance (ASTM D4060:01	80 gm
Colour:	Light Gray, Steel Gray, Green, Yellow, Brick Red, Blue, Black and white
Pot Life @ 30 °C	40 minutes
Thickness	1-1.5 mm
Coverage:	0.4-0.6 kg/m ²
Packing:	20 kg composite pack

MATERIAL CONSUMPTION:

MATERIAL CONSUMPTION	FLOORPRIME EP-100	BODY COAT: TRAFFICOAT®	OXIDEFILL-5	OXIDEFILL-4	OXIDEFILL-1	TOP COAT: TRAFFICOAT®
TRAFFIDECK-FINE NON-SLIP	200 gm/m ²	80 gm/m ²	0.6 Kg/m ²			180 gm/m ²
TRAFFIDECK-MEDIUM NON-SLIP	200 gm/m ²	100 gm/m ²		0.8 Kg/m ²		230 gm/m ²
TRAFFIDECK-STANDARD NON-SLIP	200 gm/m ²	130-200 gm/m ²			1.0 Kg/m ²	370- 400 gm/m ²

PRODUCT SYSTEM:

- Vapour Barrier: **Vapourgard®**
- Primer: **FloorPrime® EP-100**
- Repair Product: **FloorTop® EP**
- Body Coat: **Trafficoat® EP colour: (Floorcoat EP)**
- Natural Fillers: **Trafficoat® OxideFill-20100**
- Top Coat: **Trafficoat® EP Colour (Floorcoat EP)**

APPLICATION DATA:

Installation

Preparation — Concrete subfloors must be fully cured, moisture free, and have no efflorescence. The substrate surface shall be clean, dust and contaminant free. Cracks should be filled with a crack filler, based on Floorcrete Floor crack repair. Plumbing or electrical penetrations should be packed with insulation and sealed.

Subfloor — All subfloors must be structurally sound, solid, free of dirt, mud, dust, grease, curing and sealing compounds, and other contaminating factors. All subfloors must be dry and a minimum of 10 °C. Mechanically clean the surface by shotblasting or scarifying. Shotblast to an IRCI Concrete Surface Profile 5 (CSP 5).

Priming — To promote proper hydration and to ensure a solid bond, the subfloor must be coated with FloorPrime EP Floor Primer. Trafficoat should never be poured without first priming the subfloor.

Mixing — The first two components, resin and hardener should be mixed using Multichem-approved pumping equipment to get uniform air free mix.

Quartz Scatter – Apply Trafficoat to primed surface and broadcast fine quartz to wet surface at 0.6-1.0 kg/m² till the liquid is filled and there is no wet spot. Allow sufficient cure time so that surface is hard. Sweep or blow off excess quartz. Sand or screen any high area to smooth.

Spread the **Trafficoat** coating with a medium pile roller ensuring complete coating of aggregates. Care must be taken to avoid complete pooling of product or flooding of surface whilst applying the final coat.

CLEANING:

All tools should be cleaned with suitable solvent immediately after use.

STORAGE:

Store in dry, frost-free conditions at moderate temperatures not greater than 25 °C.

WARRANTY

Multichem warrants **Trafficoat** products to be free from manufacturing defects as defined in this warranty. Manufacturing defects are considered to be those defects that occur due to the quality of the ingredients or from the manufacturing process itself. This warranty does not include labor costs and other costs or expenses associated with the removal or installation of **Trafficoat** Products.

Because the Multichem does not perform the actual installation, it cannot be held responsible for the results of the application. Multichem specifically disclaims problems that occur due to weather conditions, structural movement, structural design flaws and application techniques.

This warranty is in lieu of all other warranties expressed or implied including the warranty of merchantability and fitness of purpose and of all other obligations or liabilities on Multichem part. Multichem neither assumes nor authorizes any person to assume for Multichem any liability in connection with the sale and installation of **Trafficoat** products.

Because of constant improvement of manufacturing techniques and formulations, Company reserves rights to change this datasheet and its contents without prior notice.