

# TRAFFIGARD

EXPOSED WATERPROOFING MEMBRANE



032 002  
Environmentally Friendly Paint/Coating

TRAFFIGARD is a decorative, liquid-applied membrane of heavy-bodied acrylic polymer gel. It is reinforced with fiberglass mat during application for maximum strength and durability.

Used to waterproof as well as decorate old and new roofs. It also seals joints and cracks to give roof a seamless and mildly texture finish. It can be applied over virtually all fully supported substrates, including concrete, waterproof plywood, asbestos cement and even existing membranes and built up roofing. Also used over roofs with trapped moisture, by incorporating vents in the total systems. This enables water vapor to escape, thus keeping the substrate dry.

TRAFFIGARD provides the most economic means for repairing and restoring leaky and damaged roofs.



◀ BATA FACTORY - DHAKA, BANGLADESH

TRAFFIGARD waterproofing system has gained worldwide acceptance as a superior roofing system of excellent quality and durability. Its versatility enables it to adapt to different building requirements and climate conditions worldwide.

## Composition

TRAFFIGARD roofing system consists of five primary layers

### Primer

It fills hairline and minor cracks on the substrates, thus providing strong adhesion and a smooth surface.



◀ Before

### Body coat

The heavy-bodied acrylic polymer gel which has high viscosity for building up the membrane and strengthening the system.



◀ After

### Fiberglass mat

It is formed with a very tough glassfibre to reinforce wear and tear resistance.

### Second body coat

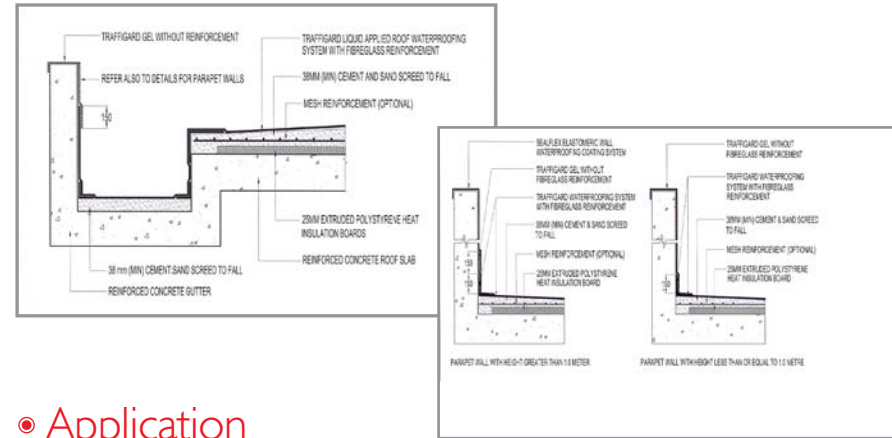
Another body coat is applied after the fiberglass mat layer to seal up the system.

## Areas of Usage

- Flat roof
- Pitched Roof
- Curved roof
- All general roof waterproofing

## Special Features

- **Durability**  
Reinforced with a layer of glass fiber chopped strand mat, which provides the roofing system with excellent film tensile strength and long durability.
- **Flexibility**  
TRAFFIGARD is flexible, which enables it to bridge hairline and minor cracks.
- **Trafficability**  
Able to withstand regular maintenance foot and light-wheeled traffic.
- **Recoatability**  
After eight years, if another top coat is applied, its service life can be extended up to another 10 years, with the possibility of the warranty being extended.
- **Chemical Resistance**  
Resistant to a wide range of common pollutants and diluted chemicals. The use of Formrok 335 topcoat gives additional resistance
- **Beautiful Colours**  
Comes in a selection of colours to match the exterior finishes of buildings, which enables the roofing system to harmonize with the overall appearance of building.
- **Fire Resistance**  
Good fire retardant properties. Laboratory tests have indicated that its spread of flame index is zero on non-combustible substrates. It has achieved fire resistance rating of AS 1530 pt 3.
- **Easy to apply**  
Despite the five layers of application, the whole system can be applied very quickly and effectively by Hitchens trained applicators, thus saving time and labour cost.
- **Cost Effective**  
It can be applied directly over leaking panel-roofing system without the need to remove the concrete panels.
- **Easy to maintain**  
Normal in-service cleaning can be carried out by mopping or low pressure washing to maintain a clean and beautiful surface. In areas where cleanliness is imperative, use dilute neutral detergent.



## Application

The concrete slab should be screeded to fall and finished smooth before applying TRAFFIGARD.

### Primer

Dilute TRAFFIGARD with water (4 volumes TRAFFIGARD:1 volume water) and apply primer coat at a coverage of 9m<sup>2</sup>/l. Allow to dry.

### First Bodycoat

Apply one bodycoat over primer at coverage of 2.5m<sup>2</sup>/l and while it is wet, unroll fibreglass mat over it. Immediately apply a second bodycoat over fibreglass mat at coverage of 2.5m<sup>3</sup>/l ensuring that the fibreglass mat is fully immersed with the TRAFFIGARD gel. Leave till dry.

### Topcoat

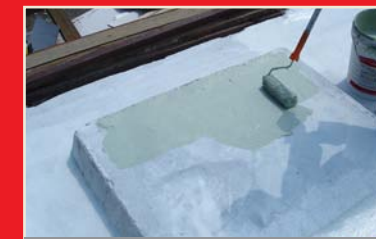
Apply topcoat at coverage of 1.5m<sup>2</sup>/l. TRAFFIGARD shall be applied into any outlets and penetration through the decking to ensure a watertight fit. TRAFFIGARD shall be brought up 150mm onto parapet walls and kerbs to form skirting. All beams are to be dressed over with TRAFFIGARD membrane.



1. Apply Traffigard topcoat



2. Leave to dry



3. Application of 1st Bodycoat



4. Unroll fiberglass over 1st bodycoat



5. Immediately apply 2nd bodycoat



6. Apply Traffigard over dried layers

# PROJECTS

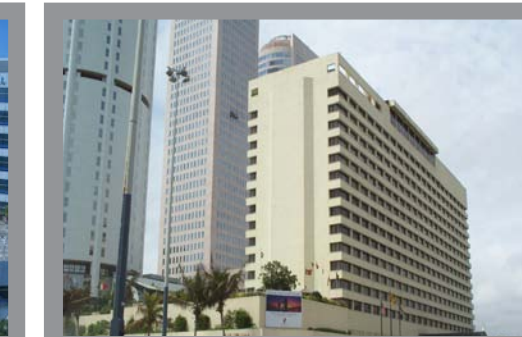
## MAIOR PROJETS



◀ Central Pinklao - Bangkok Thailand



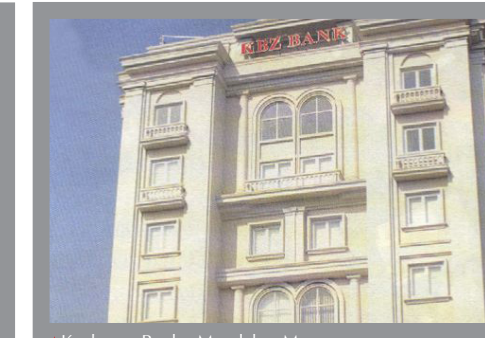
◀ Changi General Hospital - Singapore



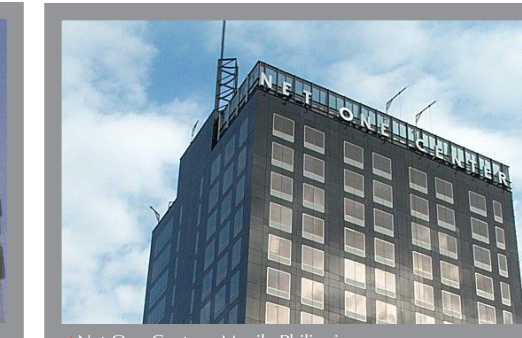
◀ Galadari Hotel - Colombo, Sri Lanka



◀ Japanese School - Mumbai, India



◀ KanbawzaBank - Mandalay, Myanmar



◀ Net One Center - Manila Philippines



◀ Park Seven Condominium - Malaysia



◀ Tata Internet Building - Mumbai India



◀ The Peak Apartment - Jakarta Indonesia

# TRAFFIC

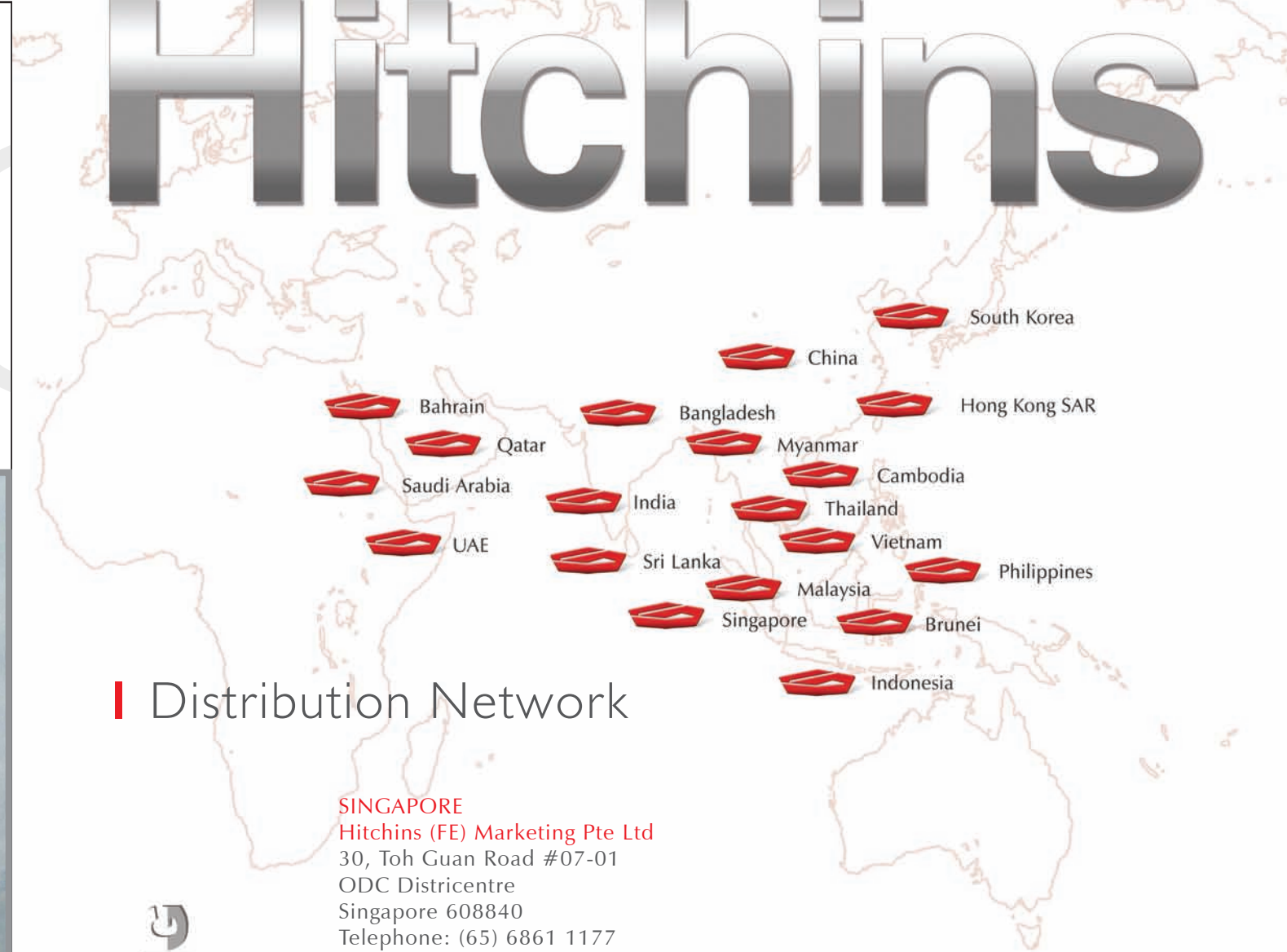


◀ GESUCHURCH - MANILA, PHILIPPINES



◀ STARDUS CLUBHOUSE - SINGAPORE

# Hitchins



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## EXPOSED WATERPROOFING MEMBRANE



ISO 9001  
BUREAU VERITAS  
Certification



### WARRANTY INFORMATION

Only Hitchins' trained applicators are approved to undertake all application work. Hitchins products carry a long-term warranty for both materials and workmanship. The warranty is further backed by Hitchins International Fidelity Fund. Please check with our local applicators if this fund is available in your country. For complete warranty and other related information, please contact Hitchins regional offices.

Revision A