

**PRODUCER'S STATEMENT**  
*On*  
**TRAFFIGARD MEMBRANE**  
*over-sheathed with*  
**COVERCOL AB RAPID**  
*and tiled over*

Hitchins New Zealand Limited is the manufacturer and marketer of a range of product components involved in the Traffigard Membrane Process. INDEX Construction Products SpA manufactures Covercol AB Rapid and Hitchins New Zealand Limited markets the product throughout New Zealand and the Pacific Islands.

Hitchins' Research Laboratories has carried out extensive in-house testing analysis and in field test projects under strict monitoring conditions. As such we are satisfied that Covercol AB Rapid is compatible with Hitchins' Traffigard membrane.

All products are produced to a high standard and subject to strict Quality Control procedures. The Traffigard Membrane and Covercol AB Rapid Process are installed by an approved licensed Gunac applicator throughout New Zealand in keeping with Product Technical Dataspecs and comprehensive written Application Procedure instructions.

## Alternative Solutions

Please read Hitchins' Producer's Statement on the Traffigard membrane process. You will not it has a CSIRO 247 Appraisal and a Joyce Group Verification Report. As such it is approved as an alternative solution.

Traffigard membrane process within itself provides the waterproofing requirements to decks and service (wet) areas as required under the Building Code.

## Covercol AB Rapid

The Covercol AB Rapid is a two component produced process that incorporates a very flexible resin with excellent adhesive properties with a grade powder matrix. It is applied over the Traffigard in a 2mm layer reinforced with C157A or G59A Mesh to provide an additional reinforced waterproofing layer. Finally the Covercol AB Rapid is applied by the Tile Layer with a serrated trowel for the bedding-in of the tiles.

# Hitchins' Warranty

Hitchins New Zealand Limited is the supplier of all the products involved in this process and the providers of a Product Performance Warranty for the complete system, we therefore suggest that:-

This Producer's Statement be read in conjunction with Hitchins' Product Technical documents on Traffigard Membrane and Covercol AB Rapid Process, being:-

- ☐ **Traffigard Dataspecs**
- ☐ **Traffigard Brochure**
- ☐ **Traffigard Quality Control Schedule**
- ☐ **Traffigard recommended substrate "Construction"**
- ☐ **Traffigard Application Procedure Instructions**
- ☐ **Traffigard Product Performance Warranty**
- ☐ **Covercol AB Rapid Data Sheet**
- ☐ **Covercol AB Rapid Application Instructions**
- ☐ **Covercol AB Rapid Product Performance Warranty**

## 1.0 New Zealand Building Code (NZBC) Compliance

The Traffigard Membrane and Covercol AB Rapid Process when applied in accordance with the standard specification and recommendations of Hitchins New Zealand Limited by an approved licensed Gunac applicator will comply with and meet the relevant provision of the NZBC Clause.

- |    |                              |
|----|------------------------------|
| B1 | Structure                    |
| B2 | Durability                   |
| E2 | External Moisture            |
| F2 | Hazardous Building Materials |

Details are set out in this Producer's Statement.

## 2.0 System Description

The Hitchins' Traffigard Membrane Process system is a multi-layered reinforced process, comprising of:-

- Applicable Substrate Sealer
- Joints and Holes Flushing compounds
- Traffigard Hi-Build Acrylic Bodycoat
- 300 gram Chopped Strand Fibreglass Mat
- Traffigard Hi-Build Acrylic Topcoats
- The Covercol AB Rapid process comprising of:-
  - Application of Covercol AB Rapid layer over the top of Traffigard.
  - Lay in either G59A or C157A, flush over.
  - Application of Covercol AB Rapid by Tiler with serrated trowel for bedding-in tiles.
  - Installation of Quality Sealant to expansion joints throughout the tiled deck or floor.

### 3.0 Structure

The design, strength and stability, wind-loading, impact resistance and the construction of the substrate as required under Clause B1 will be covered by the project documentation and the construction firm.

### 4.0 Composition

4.1 Hitchins' Traffigard Membrane and Covercol AB Rapid Process as under Clause 2.0 above is further detailed in the Product Technical Dataspecs, covering Solids, Flashpoint, Light Fastness, Film Flexibility, Tensile Strength, Chemical Resistance, and Fire Resistance.

4.2 As supplied, during its application and after installation Traffigard Membrane and Covercol AB Rapid Process does not create any harmful substances and therefore complies with the provisions NZDCF2, Hazardous Building Materials.

### 5.0 Appearance

All areas that are not covered by Covercol AB Rapid and tiled will expose the Traffigard Membrane which has a slight textured profile.

### 6.0 Durability; all areas of Traffigard Membrane not covered by Tiles

Traffigard Membrane and Covercol AB Rapid Process under normal service conditions will comply within the requirements of the Building Code of Compliance for a service finish of 15 years subject to the maintenance requirements as covered under the Traffigard Product Performance Warranty.

All areas tiled over the Covercol AB Rapid waterproofing layer as per our recommendations including the incorporation of expansion joints at tile to wall upstands and at 2 metre centres (both ways) throughout the deck (to provide for movement) the Traffigard and Covercol AB Rapid Process will comply with the requirement of the Building Code.

### 7.0 Weather Resistant

The Traffigard and Covercol AB Rapid Membrane Process applied as per the written application procedure instructions and maintained; provide a watertight integrity and therefore comply with E2 External Resistance.

*For and on behalf of:-*

**HITCHINS NEW ZEALAND LIMITED**



**Jim Gerbes**  
**MANAGING DIRECTOR**

Dated: 13 January 2006