



## Triton Fastcoat Pro Traffic Coat

Hand-applied, flexible wearing top coat for Triton TWS-Fastcoat

### Description

Triton Fastcoat Pro Traffic Coat is a 2-component, flexible wearing topcoat for waterproof membranes that can be mixed and then manually applied, due to its moderate reaction speed. Once applied it is fast curing. Good chemical and UV resistance and can withstand foot and wheeled traffic.

### Advantages

- Fast curing
- Good adhesion properties
- High hardness and resistance achieved with a single application
- Excellent gloss and colour retention
- No discolouration
- Good weathering resistance

### Technical Data

	Component A	Component B
Chemical Description	Polyamines Solution	Solvent-free Aliphatic polyisocyanate
Physical State	Liquid	Liquid
Packaging	Metal Container Colourless: 2.95kg, 11.0kg Pigmented: 3.85kg, 11.6kg	Metal Container Colourless: 1.05kg, 4.0kg Pigmented: 1.15kg, 3.4kg
Non-volatile Content (%)	Colourless: 73 Pigmented: 68	Colourless: 100 Pigmented: 100
Flash Point	35°C	>100°C
Colour	Colourless	Colourless

### A/B Mixing Ratio

Colourless	Pigmented
A=100, B=36 by weight	A=100, B=29 by weight
A=100, B=31.5 by volume	A=100, B=27.5 by volume

### Pot Life

30 minutes at 22°C and 40°RH

### Storage

Store between 10°C and 30°C

### Use before

12 months after manufacture date

## Final applied product – properties

Final State	Solid polyaspartic / polyurethane coating
Colour	Colourless
Density	1.07 g/cm <sup>3</sup> (colourless) 1.15 g/cm <sup>3</sup> (pigmented)
Hardness (shore)	55D
Mechanical Properties	Elongation at break: 150% Tensile strength: 22 MPa
UV Resistance	Colour stable under sunlight

## Substrate preparation

Substrate must be clean and dry and have sufficient mechanical strength. Must be free from water vapour or water pressure. Recommended substrate temperature 10°C – 25°C.

On newly applied Triton TWS-Fastcoat: Ideally apply **Fastcoat Pro Traffic Coat** around 30 minutes after application of Triton TWS-Fastcoat.

On existing/older waterproof membranes: Gently sand and clean using **Fastcoat Pro Basecoat Thinners**, then use **Fastcoat Pro Dry Porous Primer**.

## Environmental Conditions

Recommended air temperature: 10°C to 30°C

Recommended humidity: 40% to 80%

Max surface temperature: 40°C

## Mixing

Open component A. Stir using a low-speed stirrer preventing excessive air bubbling, until fillers have dispersed. Pour component B in and stir gently for 2 minutes. Transfer the mixture to a bigger container and check there is no unmixed product remaining.

## Application

Apply by roller. Airless equipment is not recommended due to safety reasons. Reaction rate increases with the quantity mixed, therefore, it is advised not to mix more product that can be easily applied in a 15-minute period. Otherwise, application could be difficult, or the final appearance could be affected.

A standard specification for Triton **Fastcoat Pro Traffic Coat** would be:

200g per m<sup>2</sup> Traffic Coat

3kg per m<sup>2</sup> of Emery Aggregate

200g per m<sup>2</sup> Traffic Coat

## Recommended Quantities

Recommended width for walkways is 1 metre.

Apply 200 – 500 microns when dry. (200 to 600g per m<sup>2</sup> wet film)

## Curing Times

Curing times depend strongly on weather conditions. Curing speed will increase with temperature and humidity. The following table gives you approximate values for 200g per m<sup>2</sup> applications. Thicker coats will require longer curing times.

Conditions	Touch dry (h)	Total (h)
22°C, 40% rh	1.5	3
8°C, 50% rh	2.5	5

## Return to Service

Under normal conditions light foot traffic can take place around 2 hours after the application is touch dry. Normal foot traffic can resume the following day.

## Tool Cleaning

Component A and B can be cleaned with Fastcoat Pro Basecoat Thinner. Cured product cannot be dissolved, unless special stripping products are used. Due to its fast curing rate, A & B mixture staining must be cleaned as soon as possible.

## Cleaning and Maintenance

Scrub with water as required. Solvents may seriously damage the surface.

**Safety**

**Triton Fastcoat Pro Traffic Coat** contains isocyanates and flammable solvents. Always follow the instructions provided in the material safety data sheet. As a general rule, suitable ventilation must be in place, and any skin contact avoided. This product is intended to be used only in the way recommended here and for the applications described. Spray application methods are not recommended due to health and safety reasons. This product is to be used only by industrial or professional users.

**Environmental Precautions**

Empty containers must be handled taking the same precautions as if they were full. Containers must be considered as hazardous waste and disposed of appropriately.

**Triton Contact Details:**

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