



## **The National BIM Library**

BIM Object Guide: TT Vapour Membrane



Version 1.0

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[www.nationalBIMlibrary.com](http://www.nationalBIMlibrary.com)

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### 1.0 Introduction

This guide covers the use of Triton Systems TT Vapour Membrane included within the National BIM Library.

#### Triton Systems TT Vapour Membrane

The image shows a webpage for Triton Systems TT Vapour Membrane. At the top, there are logos for various organizations: BSI, nbsPlus, BSI, IHS, PCA Property Care, and The Basement Information Centre. The main content area is divided into two columns. The left column has a red background and contains the following text:

**Guarantees**

Triton approved contractors have access to TUG Insurance Backed Guarantees which are issued for a maximum of 30 years and which cover wall to replacement, below ground waterproofing and damp and timber treatment. The TUG Insurance Backed Guarantee provides peace of mind to clients by coming into force in the event of the approved contractor ceasing to trade.

Triton also issues its own guarantees to cover the performance of Triton products plus the workmanship of the Triton Approved Contractor. These are designed for contractors who do not issue their own company guarantees. Triton Guarantees are valid for up to 30 years from date of completion of the works (up to 10 years for below ground waterproofing).

Visit [www.tug.uk.com](http://www.tug.uk.com) to apply for Triton Approved Contractor status and to download the guarantee application forms.

Below the text is a 3D logo for TUG and a screenshot of a 'Triton Contractor Guarantee' application form.

At the bottom of the page, the Triton logo is displayed next to the following contact information:

**Triton Systems**  
Units 3 – 5 Crayford Commercial Centre, Greyhound Way, Crayford, Kent DA1 4HF  
Tel: 01322 318830 Fax: 01322 524017 Email: [info@tritonsystems.co.uk](mailto:info@tritonsystems.co.uk)  
Triton Chemical Manufacturing Co Ltd trading as Triton Systems

The website address [www.tritonsystems.co.uk](http://www.tritonsystems.co.uk) is shown at the bottom left. A small copyright notice '©2008 01/11' is visible at the bottom right.

nbl\_TritonSystems\_TTVapourMembrane

All products listed below are included in the following file:

nbl\_Mbrn\_TritonSystems\_TTVapourMembrane

nbl\_TritonSystems\_TTVapourMembrane

### 1.1 Naming

National BIM Library objects are named to identify their type and configuration. Fields are segregated using an under bar (\_) and information within each field is segregated using hyphens (-). Fields are abbreviated to reduce characters and capitals used at the start of each abbreviation to aid readability.

File name and objects are named as below:

File name

**Field1** *Author\_***Field2** *Category\_***Field3** *Manufacturer\_***Field4** *Product Range*

Object

**Field1** *Author\_***Field2** *Manufacturer\_***Field3** *Product*

### 2.0 Parameters

Parameters included in the National BIM Library Triton Systems TT Vapour Membrane BIM object are as follows:

#### 2.1 National BIM Library Parameters

<b>Author</b>	Authors Name.
<b>BIMObjectName</b>	Name of the BIM object as it will appear in Software. Using NBL naming procedure.
<b>Description</b>	The full description of a product or system.
<b>Help</b>	National BIM Library website.
<b>IssueDate</b>	The date the object goes live.
<b>Manufacturer URL</b>	Manufacturer's main website link.
<b>NBSDescription</b>	NBS Uniclass title.
<b>NBSReference</b>	NBS Uniclass section/clause number.
<b>Version</b>	The version number of the object.

#### 2.2 Manufacturers Parameters

<b>TensileStrength</b>	The resistance of a material to breaking under tension. Measure in [N/mm <sup>2</sup> ]
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### 2.3 COBie Parameters

The following COBie parameters have been included within Triton Systems TT Vapour Membrane BIM object and can be used to prepare COBie data schedules:

<b>AccessibilityPerformance</b>	Accessibility issue(s) which the product satisfies.
<b>AssetIdentifier</b>	The asset identifier assigned to an occurrence of a product (prior to handover).
<b>BarCode</b>	The identity of the bar code (or rfid) given to an occurrence of the product.
<b>CodePerformance</b>	Code Compliance requirement(s) which the product satisfies.
<b>Colour</b>	Characteristic or primary colour of product.
<b>Constituents</b>	Optional constituent features, parts or finishes.
<b>Cost</b>	Cost impact of replacement process.
<b>Documentation</b>	Location (Uniform Resource Information) for further product information.
<b>DocumentReference</b>	Location (Uniform Resource Information) for the source or updates to this product information.
<b>Features</b>	Other important characteristics or features relevant to product specification.
<b>Finish</b>	Characteristic or primary finish of product.
<b>Grade</b>	Standard grading which the product corresponds.
<b>InstallationDate</b>	The date that the manufactured item was installed.
<b>LifeCyclePhase</b>	Life Cycle Phase as defined in ISO 15978
<b>Manufacturer</b>	The organization that manufactured or assembled the item.
<b>MethodOfMeasurement</b>	Method of measurement
<b>ModelLabel</b>	The model number assigned by manufacturer.
<b>ModelReference</b>	The name used by the manufacturer

<b>NominalHeight</b>	Typically the vertical or secondary characteristic dimension.
<b>NominalLength</b>	Typically the larger or primary horizontal dimension.
<b>NominalWidth</b>	Typically the characteristic or secondary horizontal or characteristic dimension.
<b>Process</b>	Specification of process
<b>ProductionYear</b>	The year of production of the manufactured item.
<b>ReferenceStandard</b>	Reference standard(s) to which the product is compliant.
<b>ReplacementCost</b>	An indicative cost for unit replacement.
<b>SerialNumber</b>	The serial number assigned to an occurrence of a product by the manufacturer.
<b>ServiceLifeDuration</b>	The service life that an artefact is expected to have under current operating conditions.
<b>ServiceLifeType</b>	The typical service life that is quoted for an artefact under reference operating conditions.
<b>Shape</b>	Characteristic shape of product.
<b>Size</b>	Characteristic size of product.
<b>SustainabilityPerformance</b>	Sustainability issue(s) which the product satisfies.
<b>TagNumber</b>	The tag number assigned to an occurrence of a product
<b>WarrantyDescription</b>	Description of the warranty.
<b>WarrantyDurationLabour</b>	Duration of labour warranty (years).
<b>WarrantyDurationParts</b>	Duration of parts warranty (years).
<b>WarrantyGuarantorLabour</b>	Organization acting as guarantor of labour warranty.
<b>WarrantyGuarantorParts</b>	Organization acting as guarantor of parts warranty.
<b>WarrantyStartDate</b>	The date on which the warranty commences.

### 3.0 Abbreviations

**nbl** National BIM Library

**mbrn** Membrane