



## **The National BIM Library**

BIM Object Guide: TT Admix Concrete



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 Admix Concrete included within the National BIM Library.

#### Triton Systems TT Admix Concrete

The image shows a brochure for Triton Systems TT Admix Concrete. At the top, there are several logos: a red circular logo with 'HA', a green square with 'nsPlus', a circular logo with 'Triton', a blue circular logo with 'IHS', a logo for 'PCA Property Care', and 'The Basement Information Centre'. Below these is a red box with the heading 'Guarantees' containing text about TUG Insurance Backed Guarantees and Triton's own guarantees. To the right of this text is a 'TUG' logo. Below the text is a 'Certificate of Guarantee' form with fields for 'Contract Name', 'Contract No.', 'Contract Date', and 'Contract Value'. At the bottom left is the 'TRITON' logo. At the bottom right, contact information for Triton Systems is provided: 'Units 3 - 5 Crayford Commercial Centre, Greyhound Way, Crayford, Kent DA1 4HF', 'Tel: 01322 318830 Fax: 01322 524017 Email: info@tritonsystems.co.uk', and 'Triton Chemical Manufacturing Co Ltd trading as Triton Systems'. The website 'www.tritonsystems.co.uk' is at the bottom left, and '0996 07/11' is at the bottom right.

nbl\_TritonSystems\_TTAdmixConcrete

All products listed below are included in the following file:  
nbl\_ConcWtrprf\_TritonSystems\_TTAdmixConcrete

nbl\_TritonSystems\_TTAdmixConcrete

### 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 Admix Concrete 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 COBie Parameters

The following COBie parameters have been included within Triton Systems TT Admix Concrete 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

**conc** Concrete

**wtrprf** Waterproofing