

Technical Specification

T0416 Track: Material for longitudinal bridge timbers and components



Please read the Written Notices
attached to this standard

Issue: A1

MAYOR OF LONDON

Issue date: February 2012

Review date: February 2017

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1 Purpose

- 1.1 The purpose of this Specification is to specify the material requirements for longitudinal bridge timbers and components.
- 1.2 This specification supersedes the material requirements of TE-DS-0323.

NOTE: This document has been reclassified and reformatted as a Technical Specification. The requirements are unchanged.

2 Scope

- 2.1 This Specification applies to material requirements for longitudinal bridge timbers and components.

3 Material for longitudinal bridge timbers and components.

3.1 General

- 3.1.1 Material for longitudinal bridge timbers and packings shall be fit for purpose and shall conform with the terms of this specification and with the performance criteria detailed in 1-157.

3.2 Longitudinal bridge timbers

- 3.2.1 Longitudinal bridge timbers shall be manufactured from softwood in accordance with T0403.
- 3.2.2 Standard section sizes for longitudinal bridge timber shall be used and shall be in accordance with the schedule shown on drawing PW/BM 7891.
- 3.2.3 The maximum length of longitudinal bridge timbers shall be 6100 mm.

3.3 Components

3.3.1 Positive insulator stools

Positive insulator stools shall be manufactured from softwood as specified in T0403 and to the requirements of drawing P50529.

3.3.2 Transoms, tie rods and through bolts

- 3.3.2.1 Transoms shall be manufactured from softwood in accordance with T0403
- 3.3.2.2 Tie rods shall be manufactured in accordance with drawing PW/BM 7891 from mild steel BSW thread.
- 3.3.2.3 Through bolts shall be manufactured in accordance with drawing PW/A 6607 from mild steel BSW thread.

3.4 Timber packings

- 3.4.1 Timber packings shall be manufactured from approved hardwood as specified in T0403 and shall conform to the requirements of drawing P50529.