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MODEL CLAUSES FOR CIVIL ENGINEERING WORKS

SECTION 174 PROTECTIVE COATING OF TIMBER SURFACES

Contents		Page
174.001	Coating works	2
174.002	Surface preparation: new timber	2
174.003	Surface preparation: existing timber	3
References	British Standards	4
	Network Rail standards	4
	Model Clauses	4

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SECTION 174

PROTECTIVE COATING OF TIMBER STRUCTURES

Coating works

174.001 The protective coating of timber surfaces shall be in accordance with Schedule 174/1.

Areas to receive partial protective coating systems shall be as specified on the Contract Drawings.

Unless otherwise specified by the manufacturer of the coating, a protective coating shall be applied by brush.

Surface preparation: new timber

174.002 New timber surfaces to receive protective coatings shall be clean, dry and free from surface contaminants. Additional surface preparation such as abrading, the treatment of knots and resinous or oily areas may be necessary, and if required shall be carried out in accordance with the instructions of the coating manufacturer. Sharp edges should be rounded off so that corners can be adequately covered by the protective coatings.

Wherever possible all new timber shall receive the full protective treatment prior to transportation and erection. Site cutting, planing etc., should be kept to a minimum and any surfaces exposed accordingly are required to receive the full protective coating system.

The moisture content of structural timber should be at the level recommended by the manufacturer of the protective coatings. Normally this shall be within $\pm 2\%$ of that likely to be attained in service. Protective treatment should not be applied to wood with a moisture content greater than 18%, and should only be applied to timber with a moisture content greater than 12% if the timber is for external use.

Sealants shall be used to seal joints not fully sealed by coatings and where coatings may crack within joints due to movement.