

PT/567/0425 - AS (April 2025)

Assessment Schedule for the factory application of the Unbrako Wiscoat Polyamide 11 ESY Blue 7265 anti-corrosion coating system to threaded fasteners by Deepak Fasteners Ltd



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1. SCOPE

This schedule specifies characteristics for the Unbrako Wiscoat anti-corrosion coating system as applied by Deepak Fasteners Ltd. to threaded fasteners used with fittings in contact with drinking water.

2. PRODUCT DESCRIPTION

2.1 Introduction

The anti-corrosion coating comprises of a two-part system of a base coat of an electro galvanised trivalent zinc with Primgreen LAT 12035 primer and a thermosetting Unbrako Wiscoat Polyamide 11 ESY Blue 7265 coating.

2.2 Applicable standards

The following standard is applicable to this product:

- WIS 4-52-03⁽¹⁾.

2.3 Approval History

The Unbrako Wiscoat coating has been WRc Approved since 1994 without interruption.

This assessment schedule supersedes PT/462/0420.

3. REQUIREMENTS AND TESTING

3.1 General

The Unbrako Wiscoat coating system shall comply with WIS 4-52-03.

3.2 Materials and components

The Unbrako Wiscoat coating system shall comply with Water Supply (Water Quality) Regulations, Regulation 31(4)⁽²⁾.

3.3 Factory Application

To ensure the quality and performance of the factory application of the Unbrako Wiscoat Polyamide 11 ESY Blue 7265 anti-corrosion coating system to threaded fasteners, the factory application process shall include appropriate systems for the:

- Specification of component materials;
- Verification component materials received are to specification;
- Handling and storage of all component materials and finished units;
- Detailed drawing / schedule for manufacture
- The factory application of the Unbrako Wiscoat Polyamide 11 ESY Blue 7265 anti-corrosion coating system to threaded fasteners, and
- Quality control of workmanship.

The factory application of the Unbrako Wiscoat Polyamide 11 ESY Blue 7265 anti-corrosion coating system to threaded fasteners and related quality control procedures shall comply with requirements to ensure the stated performance of the product is reliably achieved.

3.4 Quality Control testing

Inspection and testing of finished coated work pieces shall be in accordance with clause 9.3 of WIS 4-52-03.

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4. APPROVAL

The factory application of the Unbrako Wiscoat Polyamide 11 ESY Blue 7265 anti-corrosion coating system to threaded fasteners by Deepak Fasteners Ltd has been audited and successfully met all the requirements stated within this assessment schedule.

Signed:

A handwritten signature in black ink, appearing to be 'G.L.' followed by a horizontal line.

Valid until 19th April 2030.

Quality) Regulations (Northern Ireland) 2017 (Statutory Rules of Northern Ireland 2017 No.212).

5. REFERENCES

1. WIS 4-52-03 Specification for anticorrosion coatings on threaded fasteners. Issue 1: 1994 (as amended).
2. **England** - regulation 31 of The Water Supply (Water Quality) Regulations 2016 (Statutory Instruments 2016 No 614).
3. **Wales** – regulation 31 of The Water Supply (Water Quality) Regulations 2010 (Welsh Statutory Instrument 2010 No 994 (W.99) – and Amendment Regulations 2016 (No.410 (W. 129))).
4. **Scotland** – regulation 33 of The Public Water Supplies (Scotland) Regulations 2014 and;
5. **Northern Ireland** – regulation 33, of The Water Supply (Water