

European standard

NF EN ISO 12944-5

October 1998

French standard

Classification index: T 34-555-5

ICS: 87.020

Paints and varnishes

Corrosion protection of steel structure by protective paint systems

Part 5: Protective paint systems

F : Peintures et vernis — Anticorrosion des structures en acier
par systèmes de peinture — Partie 5 : Systèmes de peinture
D : Beschichtungstoffe — Korrosionsschutz von Stahlbauten
durch Beschichtungssysteme — Teil 5: Beschichtungssysteme

French standard approved

by decision of the Director General of AFNOR on September 20, 1998 taking effect on October 20, 1998.

Correspondence

The European standard EN ISO 12944-5:1998 has the status of French standard. It reproduces in full the international standard ISO 12944-5:1998.

Analysis

This document describes different generic types of paints, according to their chemical composition and to the process relating to the formation of the film. It gives examples of various paint systems which proved to be adapted to structures exposed to corrosion constraints and to corrosivity classes described in the standard NF EN ISO 12944-2, thus illustrating the current knowledge on a worldwide level. The standard NF EN ISO 12944-5 must be read jointly with the standard NF EN ISO 12944-6.

Descriptors

Technical International Thesaurus: paints, varnishes, steel construction, corrosion, corrosion prevention, protective coatings, painting, environments, corrosive environments, classifications.

Modifications

Corrections



National foreword

References to French standards

The correspondence between the standards figuring in the clause "Normative references" and the identical French standards is as follows:

<i>ISO 4628-1</i>	<i>: NF EN ISO 4628 (classification index: T 30-071) ¹⁾</i>
<i>ISO 4628-4</i>	<i>: NF T 30-079</i>
<i>ISO 4628-5</i>	<i>: NF T 30-080</i>
<i>ISO 8503-2</i>	<i>: NF EN ISO 8503-2 (classification index: T 35-503-2)</i>
<i>ISO 12944-1</i>	<i>: NF EN ISO 12944-1 (classification index: T 34-555-1)</i>
<i>ISO 12944-2</i>	<i>: NF EN ISO 12944-2 (classification index: T 34-555-2)</i>
<i>ISO 12944-4</i>	<i>: NF EN ISO 12944-4 (classification index: T 34-555-4)</i>
<i>ISO 12944-6</i>	<i>: NF EN ISO 12944-6 (classification index: T 34-555-6)</i>

The correspondence between the standards figuring in the clause "Normative references" and French standards having the same scope, but which are not identical, is as follows:

<i>ISO 4618-1</i>	<i>: NF T 36-001</i>
<i>ISO 4618-2</i>	<i>: NF T 36-001</i>
<i>ISO 4628-2</i>	<i>: NF T 30-071</i>
<i>ISO 4628-3</i>	<i>: NF T 30-071</i>

The other standards mentioned in the clause "Normative references" do not have any correspondence in the collection of French standards: they may be obtained from AFNOR.

1) *Currently being prepared.*

ICS 87.020; 91.080.10

Descriptors: paints, varnishes, steel construction, corrosion, corrosion prevention, protective coatings, paints coats, painting

English version

**Paints and varnishes – Corrosion protection of steel structures
by protective paint systems – Part 5: Protective paint systems
(ISO 12944-5:1998)**

Peintures et vernis – Anticorrosion des
structures en acier par systèmes de peinture –
Partie 5: Systèmes de peinture
(ISO 12944-5:1998)

Beschichtungsstoffe – Korrosionsschutz von
Stahlbauten durch Beschichtungssysteme –
Teil 5: Beschichtungssysteme
(ISO 12944-5:1998)

This European Standard was approved by CEN on 13 November 1997.

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This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Central Secretariat has the same status as the official versions.

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CEN

European Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung

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