

European standard

NF EN ISO 12944-4

September 1998

French standard

Classification index: T 34-555-4

ICS: 25.220.10; 87.020

Paints and varnishes

Corrosion protection of steel structures by protective paint systems

Part 4: Types of surface and surface preparation

F : Peintures et vernis — Anticorrosion des structures en acier par systèmes de peinture — Partie 4 : Types de surface et préparation de surface

D : Beschichtungssysteme — Korrosionsschutz von Stahlbauten durch Beschichtungssysteme — Teil 4: Arten von Oberflächen und Oberflächenvorbereitung

French standard approved

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

Correspondence

The European standard EN ISO 12944-4:1998 has the status of French standard. It reproduces in full the international standard ISO 12944-4:1998.

Analysis

This document describes different types of surfaces to protect and provides information concerning the surface preparation and pretreatment methods, such as chemical cleaning, power tool cleaning and flame cleaning, as well as information concerning the aspects relating to health, safety and environment. It deals with the degree of preparation of substrates, surface profile (roughness), evaluation of prepared surface, temporary protection of prepared substrates, preparation of temporarily protected surface for the application of other coatings, preparation of existing metal coatings and environmental aspects.

Descriptors

Technical International Thesaurus: paints, varnishes, steel construction, corrosion, corrosion prevention, protective coatings, surface condition, surface treatment.

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:

ISO 2063	: NF EN 22063 (classification index: A 91-201)
ISO 2409	: NF EN ISO 2409 (classification index: T 30-038)
ISO 4628-1	: NF EN ISO 4628-1 (classification index: T 30-071) ¹⁾
ISO 4628-4	: NF T 30-079
ISO 4628-5	: NF T 30-080
ISO 8503-1	: NF EN ISO 8503-1 (classification index: T 35-503-1)
ISO 8503-2	: NF EN ISO 8503-2 (classification index: T 35-503-2)
ISO 11124-1	: NF EN ISO 11124-1 (classification index: T 35-505-1)
ISO 11124-2	: NF EN ISO 11124-2 (classification index: T 35-505-2)
ISO 11124-3	: NF EN ISO 11124-3 (classification index: T 35-505-3)
ISO 11124-4	: NF EN ISO 11124-4 (classification index: T 35-505-4)
ISO 11126-1	: NF EN ISO 11126-1 (classification index: T 35-508-1)
ISO 11126-3	: NF EN ISO 11126-3 (classification index: T 35-508-3)
ISO 11126-4	: NF EN ISO 11126-4 (classification index: T 35-508-4)
ISO 11126-5	: NF EN ISO 11126-5 (classification index: T 35-508-5)
ISO 11126-6	: NF EN ISO 11126-6 (classification index: T 35-508-6)
ISO 11126-8	: NF EN ISO 11126-8 (classification index: T 35-508-8)
ISO 12944-1	: NF EN ISO 12944-1 (classification index: T 34-555-1)
EN 10238	: NF EN 10238 (classification index: A 35-511)

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:

ISO 4628-2	: NF T 30-071
ISO 4628-3	: NF T 30-071

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

Descriptors: paints, varnishes, steel construction, corrosion, corrosion prevention, protective coatings, surface condition, surface treatment

English version

**Paints and varnishes – Corrosion protection of steel structures
by protective paint systems – Part 4: Types of surface and
surface preparation (ISO 12944-4:1998)**

Peintures et vernis – Anticorrosion des
structures en acier par systèmes de peinture –
Partie 4: Types de surface et de préparation de
surfaces (ISO 12944-4:1998)

Beschichtungsstoffe – Korrosionsschutz von
Stahlbauten durch Beschichtungssysteme –
Teil 4: Arten von Oberflächen und
Oberflächenvorbereitung (ISO 12944-4:1998)

This European Standard was approved by CEN on 16 June 1997.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

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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