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Organic coating systems and linings for protection of industrial apparatus and plants against corrosion caused by aggressive media – Part 4: Linings on metallic components
English version of DIN EN 14879-4:2008-01

Beschichtungen und Auskleidungen aus organischen Werkstoffen zum Schutz von industriellen Anlagen gegen Korrosion durch aggressive Medien –
Teil 4: Auskleidungen für Bauteile aus metallischen Werkstoffen
Englische Fassung DIN EN 14879-4:2008-01

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National foreword

This standard has been prepared by CEN/BT/TF 130 “Organic coating systems and linings for protection of industrial apparatus and plants against corrosion caused by aggressive media” (Secretariat: DIN, Germany).

The responsible German body involved in its preparation was the *Normenausschuss Chemischer Apparatebau* (Process Engineering Standards Committee), Technical Committee NA 012-00-02 AA *Oberflächenschutz.*

The DIN Standards corresponding to the International Standards referred to in clause 2 of the EN are as follows:

ISO 813	DIN ISO 813
ISO 1817	DIN ISO 1817
IEC 60093	DIN IEC 60093
IEC 60167	DIN IEC 60167

Amendments

This standard differs from DIN 28055-1:2002-04 and DIN 28055-2:2002-04 as follows:

a) The requirements specified in DIN 28055-1:2002-04 and DIN 28055-2:2002-04 have been combined in this standard.

b) The clauses have been rearranged.

c) The concept 3.1 “loose lining” has been added.

d) Normative references have been updated.

Previous editions

DIN 28055-1: 1990-09, 2002-04
DIN 28055-2: 1991-02, 2002-04

National Annex NA
(informative)

Bibliography

DIN ISO 813, *Rubber, vulcanized or thermoplastic — Determination of adhesion to a rigid substrate — 90° peel method*

DIN ISO 1817, *Rubber vulcanised — Determination of the effect of liquids*

DIN IEC 60093, *Methods of test for insulating materials for electrical purposes — Volume resistivity and surface resistivity of solid electrical insulating materials*

DIN IEC 60167, *Methods of test for insulating materials for electrical purposes — Insulation resistance of solid materials*

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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 14879-4

August 2007

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English Version

Organic coating systems and linings for protection of industrial apparatus and plants against corrosion caused by aggressive media - Part 4: Linings on metallic components

Systèmes de revêtements organiques de peinture et autres revêtements rapportés pour la protection des appareils et installations industriels contre la corrosion par des milieux agressifs - Partie 4: Revêtements rapportés pour composants métalliques

Beschichtungen und Auskleidungen aus organischen Werkstoffen zum Schutz von industriellen Anlagen gegen Korrosion durch aggressive Medien - Teil 4: Auskleidungen für Bauteile aus metallischen Werkstoffen

This European Standard was approved by CEN on 24 June 2007.

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Contents

Page

Foreword 4

1 Scope 5

2 Normative references 5

3 Terms and definitions 7

4 General 7
4.1 Materials 7
4.1.1 Metallic substrates and semi-finished products 7
4.1.2 Linings 7
4.2 Selection criteria 9
4.2.1 General 9
4.2.2 Aggressive substances 10
4.2.3 Type and frequency of fluid loading 12
4.2.4 Thermal loading 12
4.2.5 Changes in temperature 12
4.2.6 Mechanical loading 13
4.2.7 Climatic influences 13
4.2.8 Additional requirements 13
4.3 Load profile 13
4.4 Design of component 13
4.5 Manufacture of the lining 13
4.5.1 Environmental conditions 13
4.5.2 Surface condition and preparation of the substrate 14
4.5.3 Preparation and application of pre-cut parts of the semi-finished products 14
4.5.4 Lining joints 15
4.5.5 Thermal post treatment 17
4.6 Lined component 17

5 Repair of defects 17

6 Designations 17

7 Packaging, transport, storage and installation 18
7.1 General 18
7.2 Packaging and transport 18
7.3 Storage 18
7.4 Installation 19

8 External finish of surfaces not to be lined 19

9 Testing 19
9.1 General 19
9.2 Basic requirements 19
9.2.1 Resistance to the service fluid 19
9.2.2 Cleaning and neutralizing processes 19
9.2.3 Adhesive strength 19
9.2.4 Capability of dissipating electrostatic charges 19
9.2.5 Additional requirements 20
9.3 Testing of suitability 20
9.3.1 General 20
9.3.2 Testing of resistance and tightness to the service fluid 21
9.3.3 Testing of adhesive strength 21
9.3.4 Testing of capability to dissipate electrostatic charges 22
9.4 Acceptance inspection 22
9.4.1 General 22
9.4.2 Visual inspection 22
9.4.3 Measurement of lining thickness 23
9.4.4 Testing of Hardness 24
9.4.5 Testing of Adhesion 25

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9.4.6 High-voltage testing for tightness 26
9.4.7 Testing of capability to dissipate electrostatic charges (special test) 27
9.4.8 Destructive testing of weld seams (special test) 27
9.4.9 Test report 27

Annex A (informative) 28

Annex B (normative) **Material combinations to which the media lists for rubber linings are applicable** 29
B.1 Hard rubber linings (media list I) 29
B.2 Soft rubber linings 29
B.2.1 Butyl rubber, halogenated butyl rubber (media list II) 29
B.2.2 Chloroprene rubber (media list III) 29
B.3 Test media for the media lists 29
B.3.1 General 29
B.3.2 Media lists 30

Annex C (normative) **Test fluid groups for verification of suitability for material/media combinations** 32

Annex D (normative) **Testing the dissipating capability** 35
D.1 Principle 35
D.1.1 Dissipation resistance 35
D.1.2 Dissipation resistance to earth 35
D.2 Testing of dissipation resistance of test samples 35
D.2.1 Test equipment 35
D.2.2 Test procedure 35
D.2.3 Test report 36
D.3 Measurement of dissipation resistance to earth on the completely applied lining 36
D.3.1 Test equipment 36
D.3.2 Preparation of the lining 36
D.3.3 Procedure 36
D.3.4 Test report 37

Annex E (informative) **Sample form for acceptance inspection report** 38

Annex F (informative) **A–deviations** 39

Bibliography 40

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Foreword

This document (EN 14879-4:2007) has been prepared by Technical Committee CEN/BT/Task Force 130 “Organic coating systems and linings for protection of industrial apparatus and plants against corrosion caused by aggressive media”, the secretariat of which is held by DIN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by February 2008, and conflicting national standards shall be withdrawn at the latest by February 2008.

EN 14879 "Organic coating systems and linings for protection of industrial apparatus and plants against corrosion caused by aggressive media" consists of the following parts:

— *Part 1: Terminology, design and preparation of substrate*

— *Part 2: Coatings on metallic components*

— *Part 3: Coatings on concrete components*

— *Part 4: Linings on metallic components*

— *Part 5: Linings on concrete components*

— *Part 6: Combined lining with tile and brick layers*

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

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