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**ALUMINIUM AND ALUMINIUM ALLOYS - COIL
COATED SHEET AND STRIP FOR GENERAL
APPLICATIONS - SPECIFICATIONS**

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Aluminium und Aluminiumlegierungen - Bandbeschichtete
Bleche und Bänder für allgemeine Anwendungen -
Spezifikationen

This European Standard was approved by CEN on 7 December 2006.

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Foreword

This document (EN 1396:2007) has been prepared by Technical Committee CEN/TC 132 "Aluminium and aluminium alloys", the secretariat of which is held by AFNOR.

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of an identical text or by endorsement, at the latest by July 2007, and conflicting national standards shall be withdrawn at the latest by July 2007.

This document supersedes EN 1396:1996.

Within its programme of work, Technical Committee CEN/TC 132 entrusted CEN/TC 132/WG 7 "Sheet, strip and plate" to revise EN 1396:1996.

The following technical changes have been made:

- General: Update of normative references in the whole document
- Table 1: New coating material added - Fluoropolymer
- Table 2: New alloys added - EN AW-3104, EN AW-5006, EN AW-5010 and EN AW-6025
- Table 4: Gloss unit range "21 to 40" subdivided in "21 to 30" and "31 to 40"
- Annex E: Added

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EN 1396:2007 (E)

Introduction

Organic coated aluminium and aluminium alloy flat products can be used to advantage in cases where corrosion resistance and decorative appearance are of primary importance. They have applications throughout the flat products processing industry e.g. in the building, automotive, caravans, appliances, fabricating and packaging industries.

Organic coated aluminium and aluminium alloy flat products can be delivered in numerous types and grades, depending on the base material used (various grades of aluminium), on the coating material and types of coating and on the requirements for the surface appearance and the formability.

The properties of the products can vary within greater or smaller limits depending on the choice and combination of properties required. It is therefore not practicable to specify in detail minimum requirements for all properties for all types of products.

Minimum requirements not specified in this European Standard and deemed necessary for a successful use of the product should be agreed between manufacturer and purchaser at the time of ordering, using, as appropriate, the guidelines given in Annex C.

Guidelines for proper storage and subsequent processing of organic coated aluminium flat products are given in Annex D.

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