

EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN 10169**

**Continuously organic coated (coil coated) steel flat products**  
**Technical delivery conditions**

**4 Designation**

**4.1** For the steel substrates covered by this document (see 6.1.1), the steel names are allocated in accordance with EN 10027-1, the steel numbers are allocated in accordance with EN 10027-2.

**4.2** The products covered by this document shall be designated as follows in the order given:

a) type of product (e.g. strip, sheet or cut length, see EN 10079);

b) number of this standard (EN 10169);

c) complete designation of the substrate, i.e.:

- 1) steel name or number,
- 2) type and nominal mass of the metal coating,
- 3) number of the standard for the substrate,
- 4) dimensions and tolerances (see 6.1.1.2).

d) symbol "OC" for organic coated, when the coating material is not specified;

e) symbol for the organic coating material on the top side and, if applicable, that on the reverse side (see Table B.1);

f) nominal thickness, in  $\mu\text{m}$ , of the organic coating on the top side and, if applicable, on the reverse side.

NOTE 1 The information concerning the coating on the top side is separated from that relative to the reverse side by a slash mark.

NOTE 2 If the nature of the coating material on the reverse side is at the discretion of the manufacturer, it is not stated in the designation.

g) product flexibility (see 6.3.2),

h) if applicable, corrosion protection category CPI (see Table 5) or corrosion resistance category RC (see Tables 6 and 7) of the top side followed by the one of the reverse side when required,

i) if applicable, UV resistance category Ruv, (see Table 8) of the top side.

**EXAMPLE 1**

Designation of sheet for building interior applications in accordance with EN 10169, substrate made of steel grade DCO3 (or 1.0347) according to EN 10130, top side organic coated with epoxide (EP) with a nominal thickness of 10  $\mu\text{m}$ .

Sheet EN 10169—DCO3 EN 10130—EP10

or

Sheet EN-10169 — 1.0347 EN 10130— EPIO

**EXAMPLE 2**

Designation of strip for general engineering applications in accordance with EN 10169, substrate made of electrolytically zinc coated steel of grade DCO7+ZE (or 1.0898+ZE) with a nominal thickness of 10  $\mu\text{m}$  (100/100) according to EN 10152 on both sides, top side organic coated with polyamide-modified polyester (SP-PA) with a nominal thickness of 25  $\mu\text{m}$ .

Strip EN 10169 — DCO7+ZE100/100 EN 10152 — SP-PA25

or

Strip EN 10169 — 1.0898+ZE100/100 EN 10152 — SP-PA25

## EXAMPLE 3

Designation of strip for building exterior applications in accordance with EN 10169, substrate made of hot-dip zinc coated

steel of grade S280GD+Z (or I

.0244+Z) with a coating mass of 275 g/m<sup>2</sup> (275) according to EN 10346, top side organic

coated with polyamide-modified polyester (SP-PA) with a nominal thickness of 25 µm, product flexibility 4T, corrosion resistance category 2 (RC2), UV resistance category 2 Ruv2.

Strip EN 10169—S280GD+Z275 EN 10346—SP-PA25—4T—RC2—Ruv2

or

Strip EN 10169—1.0244+Z275 EN 10346—SP-PA25—4T—RC2—Ruv2

## EXAMPLE 4

Designation of sheet for building exterior applications in accordance with EN 10169, substrate made of hot-dip zincaluminium coated steel of grade DX53D+ZA (or 1.0355+ZA) with a coating mass of 255 g/m<sup>2</sup> (255) according to EN 10346, both sides coated with polyester (SP) with a nominal coating thickness of 25 µm each, product flexibility 3T, corrosion resistance category 3 (RC3) on the top side / corrosion protection category 2 (RC2) on the reverse side, UV resistance category 2 (Ruv2).

Sheet EN 10169—DX53D+ZA255—SP25/SP25—EN 10346—3T—RC3/RC2—Ruv2

or

Sheet EN 10169 —1.0355+ZA255—SP25/SP25—EN 10346—3T—RC3/RC2—Ruv2

4.3 Where appropriate, additional information to the designation as specified in 4.2 shall be given to describe clearly the delivery requirements (see 5.1).