



DECLARATION OF CONFORMITY NO. B-2/2011

Date of issue: 01 May 2011

Manufacturing company and address:

Bratex Dachy sp. z o.o. s.k.
PL 39-200 Dębica, Drogowców 7

Product:

Flat steel sheets galvanized
with aluminium-zinc-silicon alloy

Flat steel sheets galvanized with zinc with organic
coating

Flat steel sheets
with organic coating

PKWiU / Polish No. of Product or Service:

24.10.52.0

24.42.24.0

Type of use:

The products can be used in construction, for roofing as a finishing element.

Size tolerance:

PN-EN 10143: February 2008 Steel sheets
and tapes, continuously galvanized.
Size and shape tolerance.

PN-EN 10169: April 2006 Flat steel products with
organic coating applied continuously.
Part 1, Part 2, Part 3.

PN-EN 1396: February 2009 Aluminum
and aluminum alloys. Sheets and tapes
with coating, in rolls for general use.
Specifications.

Material:

DX51D Steel sheets of 0,5mm thickness
+ aluminum-zinc-silicon alloy coating
(accordingly 55-43,40-1,6%), weight 185 g/m².

DX51D / SUB250 / SUB280 steel sheets
of 0,5mm thickness + zinc coating, weight 275 g/m².
Type and thickness of organic layers: Side A
(polyester 25µm / strong polyester 25µm / matte
polyester 30µm / thick-grain matte polyester 35µm /
nova 50µm / nova matte 50µm / nova metallic 50µm /
energy exterior 40µm), Side B (protective epoxy
lacquer >6µm).

Aluminum-manganese-magnesium alloy
of 0,6mm thickness, type 3105, hardness
H45/H46, alloy proportions
98,3-0,9-0,8%. Type and thickness of
lacquer layers: Side A (matte polyester
25µm), Side B (protective epoxy
lacquer >6µm).

Flammability:

Products with non-organic coating
are considered in accordance with the norms
and not requiring specific A1 class tests
describing reaction to fire.

Products with polyester coating with maximum thickness of 25µm and with PCS up to (and including) 1MJ/m², or weight ≤ 70g/m² are considered to be in accordance with the A1 class reaction to fire norm and not requiring additional tests.
Products with nova and energy exterior coatings comply with the A2-52 class reaction to fire norm, according to EN 13501-1.



Corrosion resistance:

The products can be used in environments with the corrosion class of C1, C2, C3 according to the PN-EN ISO 12944-2:2001 norm.

Water permeability:

The products are waterproof.

Air and fumes permeability:

The products are impenetrable for air and fumes (steam).

Change of dimensions:

Thermal expansion of the material causes the products to change their dimensions and should be taken into consideration in places where it can influence the product. Thermal expansion factor $12 \times 10^{-6} \text{ K}^{-1}$ should be used for steel and $24 \times 10^{-6} \text{ K}^{-1}$ for aluminum.

Name and number of the accredited certifying unit or a laboratory and number of the type examination report or certificate number:

- The Construction Technology Institute in Warsaw (EU unit No. 1488) prepared for Bratex Dachy a Report from Type Examination conducted by ITB Warsaw (NO-2/801/P/2006).
- Report from initial type examination conducted by the manufacturer and mill's quality department for the purpose of declaration of conformity.

Bratex Dachy company uses the ISO 9001:2008 Quality Management System, certified by Dekra Certification Sp. z o.o..



I certify with full responsibility that construction products described herein are fully compliant with and manufactured according to, the PN-EN 14782 norm: "January 2008, Metal sheets for roofing, interior and exterior walls. Characteristic of product and requirements.

Janusz Mrzygłód
Chairman of the Board