



DECLARATION OF CONFORMITY NO. A-1/2011

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:

Roof work:

wind sidewall sheet for met-tiles / wind sidewall sheet for ERA met-tiles / gutter for ERA met-tiles / wind sidewall sheet for trapezoidal profiles / strip under wind sidewall sheet / chimney flashing for met-tiles sheets / chimney flashing for trapezoidal profiles / wall flashing for met-tile sheets / wall flashing for trapezoidal profiles / overgutter sheet / undergutter sheet / snow guard / corrugated snow guard / mall ridge shingle for met-tile sheets / big ridge shingle for met-tile sheets / flat ridge shingle for trapezoidal profiles / corrugated ridge shingle for trapezoidal profiles

Made of galvanized steel sheets with aluminum-zinc-silicon coating

Made of zinc galvanized steel sheets with organic coating

Made of aluminum sheets with organic coating

PKWiU / Polish No. of Product or Service:

25.11.23.0

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, galvanized continuously. 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-S2 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-2/535/A/2007).
- 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 Mrzygód
Chairman of the Board