



**BATCOS**  
FOREVER LUXURY

Bioplastic Applied Technologies Composite Outdoor Systems

**PRODUCTS**

DECKING

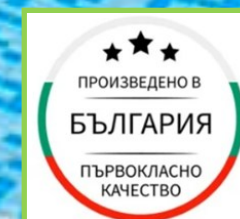
WALL SIDING/CLADDING

**ACCESSORIES**

FINISHING ANGLE

MOUNTING PROFILE

CLIPS AND SCREWS



[www.batcos.com](http://www.batcos.com)



## CONTENT

Address to the client	2	Wall siding/cladding	7 - 8
Eco product	3	Accessories	9 - 10
Floor decking	4 - 6	Clips and Screws	11



## Adress to the clients

Dear customers and partners,

Before starting something big, we all start from scratch. In 2019, Regioplan Ltd. started-up BATCOS, a completely new project for production of bioplastic composites, also known as wood-polymer composites (WPC).

Thanks to our international partners and smart efforts, we were able to create a effective and eco-friendly recipes for wood-polymer composites production.

We have mastered the best techniques and practices for the production of a reliable, sustainable, safe and very beautiful products. We are convinced that every home deserves its own place to relax, meet friends, have beautiful moments, and this place is the terrace, balcony, yard finished with BATCOS composite decking or siding. We thank all current and future customers for the trust they gave us in advance.

Thanks to them, Bulgaria is among the producers of bioplastic composites with European high quality.

With respect and gratitude,  
*Dr. Kosyo Stoychev*  
 Manager and creator of BATCOS

## PLEASURE AND FREEDOM

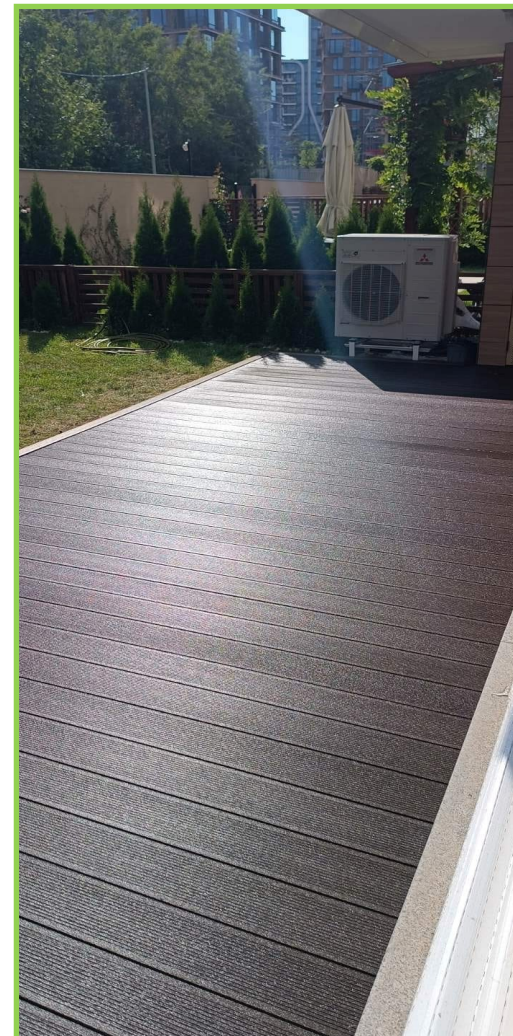
- Experience every step out in front of the house, round the pool and the garden.
- BATCOS® products do not require chemical treatment.
- You define the length, we produce it. Construction without residue.

*\*BATCOS product residues are "Category A II" - waste wood without halogenated organic compounds in the coating and without wood preservatives.*

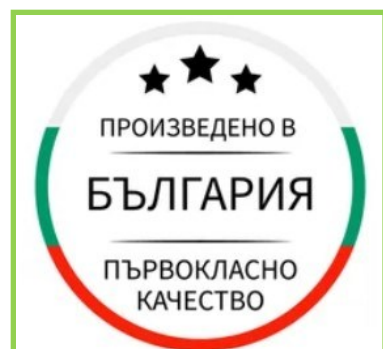
**ENVIRONMENTALLY FRIENDLY  
PRODUCTS**

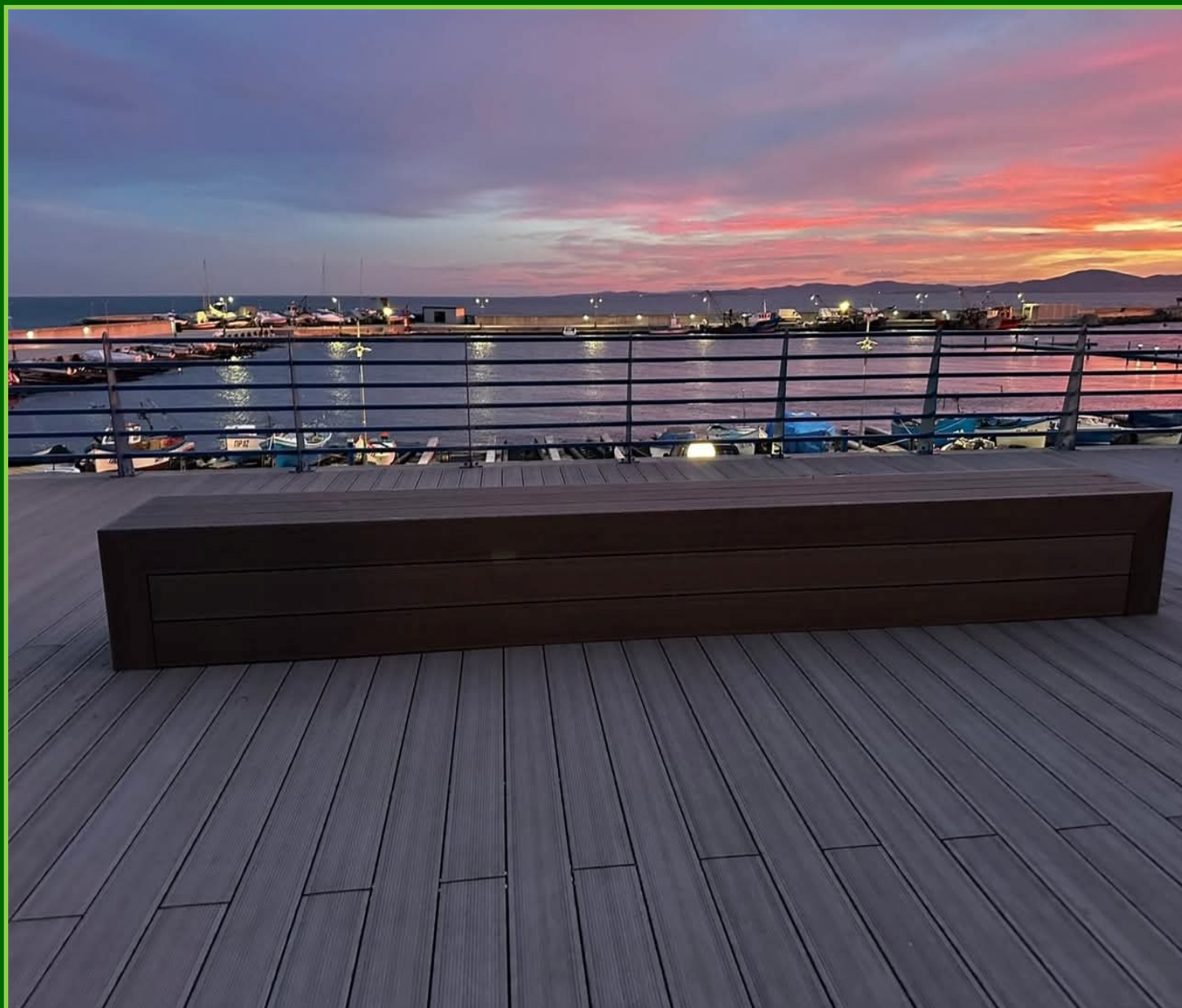
- Up to 70% beech wood fiber content
- Guaranteed CO2 storage - carbon capture product
- Does not contain PVC, organic oils, rubbers, resins and others
- 100% recyclable
- Resistant to outdoor conditions, over 20 years of useful life
- Does not require additional chemical treatment. Can be cleaned with a water jet
- Certified manufacturer according to ISO 9001:2015 - Quality Management Control
- Certified manufacturer according to ISO 14001:2015 - Environmentally safety
- Manufactured according to BDS EN 15534-1:2014+A1:2017

- **AESTHETICS**
- **DURABILITY**
- **NATURALITY**



- on the left - BATCOS decking Water Force - profile with chambers
- on the right - BATCOS decking Harmony - solid profile
- Color dark brown, technique brushed surface





## COMPOSITE DECKING SPLENDID Solid Profile

### 1. Technical data

**Type:** Solid profile

**Rate :**

- 1 sq. m. = 7 linear meters

**Dimensions:**

- Length 2400 mm or by request
- Width 140 mm
- Thickness 23 mm

**Density**

- 1,3 grams / cm<sup>3</sup> (+/-5%)

**Weight**

- 3,2 kg per 1 meter and 22,4 kg per 1 sq. m.

### 2. Technical standards

- Made under the EN 15534-4:2014

### 3. Composite substances

- Beech wood - 70%
- High density polymer - 20%
- Polymer additives - 5%
- Mineral additives - 5%



### 4. Profile description

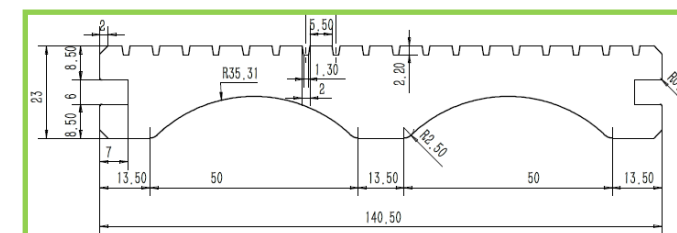
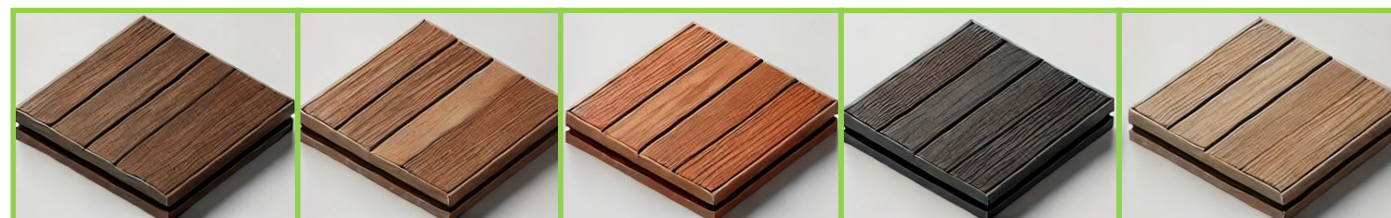
- Solid decking with longitudinal grooves
- Texture of choice: sanded, embossed
- Channels for hidden mounting clips
- Allows installation in all directions
- Load capacity through 40 cm up to 300 kg.

### 5. Advantages

- Waterproof
- Cold-resistant
- UV-resistant
- Non-slip even when wet
- Does not deform or shrink
- No splinters in bare feet
- 100% recyclable
- 10-year material warranty
- Over 20 years of useful life
- Combustibility class C

### Basic colors

Dark Brown    Light Brown    Red    Anthracite    Light Oxide



ДЕКИНГ ОСТРОВ И ПЪТЕКА



COMPOSITE DECKING  
**HARMONY**

*Solid profile*



1. Technical data

- Type: Solid profile
- Rate :
  - 1 sq. m. = 7 linear meters
- Dimensions:
  - Length 2400 mm or by request
  - Width 140 mm
  - Thickness 23 mm
- Density
  - 1,3 grams / cm<sup>3</sup> (+/-5%)
- Weight
  - 3,2 kg per 1 meter and 22,4 kg per 1 sq. m.

2. Technical standards

- Made under the EN 15534-4:2014

3. Composite substances

- Beech wood - 70%
- High density polymer - 20%
- Polymer additives - 5%
- Mineral additives - 5%

4. Profile description

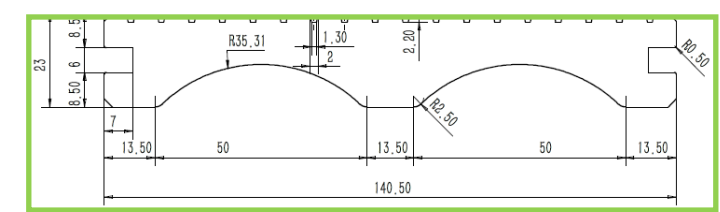
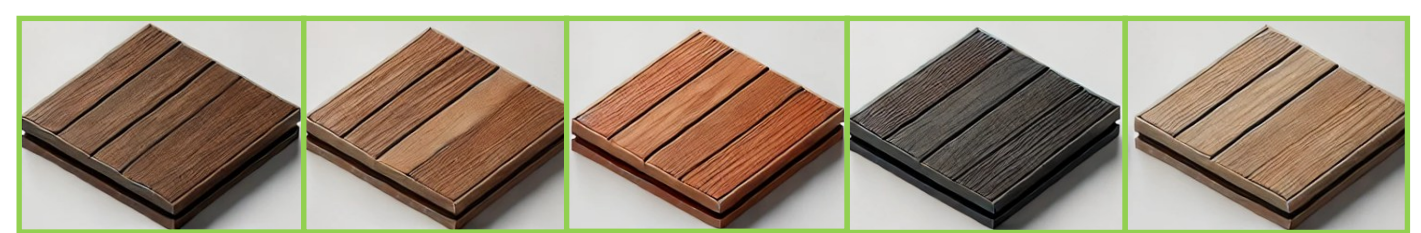
- Solid decking with longitudinal grooves
- Texture of choice: sanded, embossed
- Channels for hidden mounting clips
- Allows installation in all directions
- Load capacity through 40 cm up to 300 kg.

5. Advantages

- Waterproof
- Cold-resistant
- UV-resistant
- Non-slip even when wet
- Does not deform or shrink
- No splinters in bare feet
- 100% recyclable
- 10-year material warranty
- Over 20 years of useful life
- Combustibility class C

Basic Colors

Dark Brown    Light Brown    Red    Anthracite    Light Oxide



PRODUCTS



## COMPOSITE DECKING WATER FORCE

*Hollow profile*

### 1. Technical data

**Type:** Hollow profile 4 chambers

**Rate :**

- 1 sq. m. = 7 linear meters

**Dimensions:**

- Length 2400 mm or by request
- Width 140 mm
- Thickness 23 mm
- Wall thickness 7 mm

**Density**

- 1,3 grams / cm<sup>3</sup> (+/-5%)

**Weight**

- 2.6 kg per 1 meter and 18,2 kg per 1 sq. m.

### 2. Technical standard

- Made under the EN 15534-4:2014

### 3. Composite substances

- Beech wood - 70%
- High density polymer - 20%
- Polymer additives - 5%
- Mineral additives - 5%



### 4. Profile description

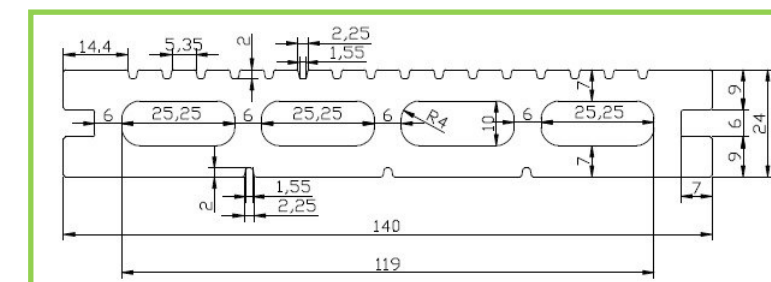
- Decking with longitudinal grooves - double-sided
- Texture of choice: sanded, embossed
- Channels for concealed mounting clips
- Allows installation in all directions
- Load capacity per 40 cm up to 270 kg.

### 5. Advantages

- Waterproof
- Cold-resistant
- UV-resistant
- Non-slip even when wet
- Does not deform or shrink
- No splinters in bare feet
- 100% recyclable
- 10-year material warranty
- Over 20 years of useful life
- Combustibility class C

### Basic colors

Dark Brown    Light Brown    Red    Anthracite    Light Oxide





## COMPOSITE SIDING RENAISSANCE HOUSE

*Hollow profile*

### 1. Technical data

**Type:** Profile with 2 hollows and one face

**Consumption Rate:**

- 1 sq.m. = 8.5 linear meters

**Dimensions :**

- Length 3600 mm
- Width 147 mm
- Profile thickness 22 mm
- Wall thickness 7 mm

**Density**

- 1,3 g / cm<sup>3</sup> (+/-5%)

**Mass**

- 2,0 kg per 1 meter and 17,0 per 1 sq.m.

### 2. Technical standard

- Made under the EN 15534-4:2014

### 3. Composite substances

- Beech wood - 70%
- High density polymer - 20%
- Polymer additives - 5%
- Mineral additives - 5%



### 4. Profile description

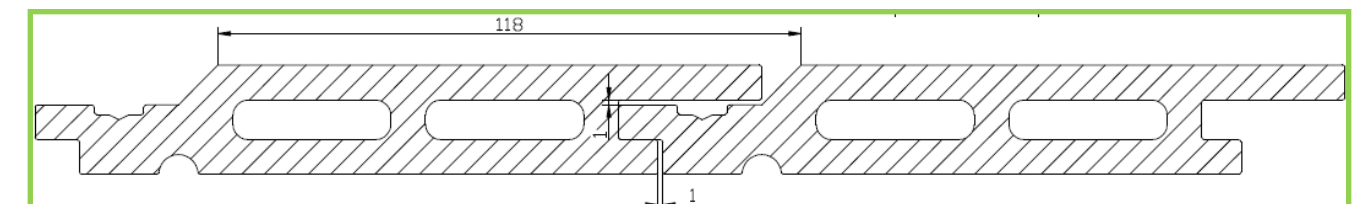
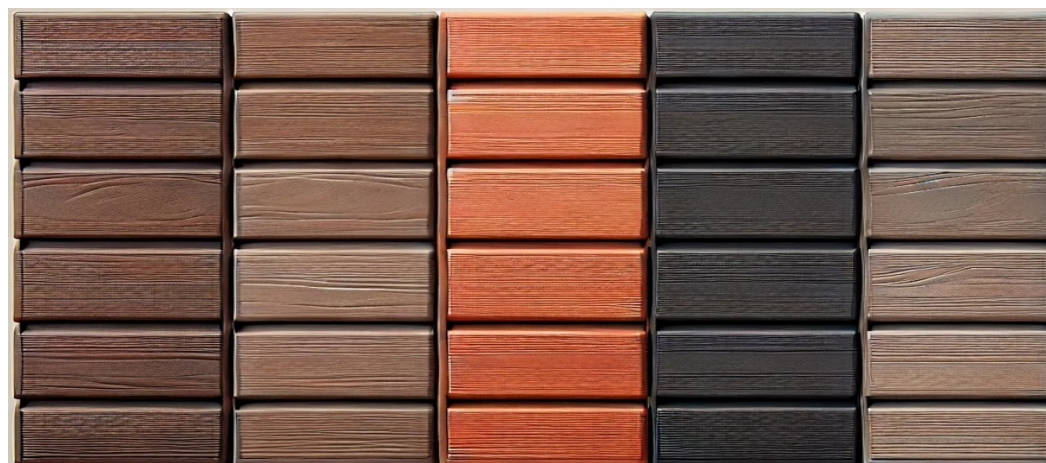
- Single face siding
- Texture of choice: sanded, embossed
- Concealed screw channel
- Horizontal installation (recommended)
- Suspended ventilated facade

### 5. Advantages

- Waterproof
- No wetting of the inner wall
- Allows the installation of insulation
- UV resistant
- Does not deform or shrink
- 100% recyclable
- 10 year material warranty
- Over 20 years useful life
- Combustibility class C

### ОСНОВНИ ЦВЕТОВЕ

- Dark Brown
- Light Brown
- Red
- Anthracite
- Light Oxide





## COMPOSITE SIDING MODERN STYLE 3D

*Hollow profile*

### 1. Technical data

- **Type:** 4-chamber profile
- **Consumption rate:**  
1 sq.m. = 5.0 linear meters
- **Dimensions:**  
Length 3600 mm  
Width 219 mm  
Thickness 26 mm  
Wall thickness 4 mm
- **Density**  
1.3 g / cm<sup>3</sup> (+/-5%)
- **Weight**  
2.6 kg per 1 m and 13.0 kg per 1 sq.m.

### 2. Technical standard

- Made under the EN 15534-4:2014

### 3. Composite substances

- Beech wood - 70%
- High density polymer - 20%
- Polymer additives - 5%
- Mineral additives - 5%

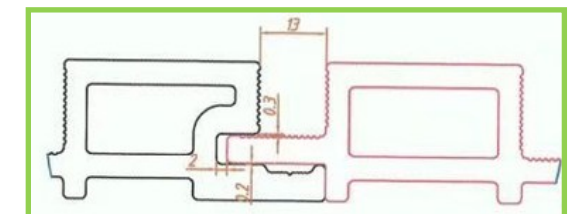


### 4. Profile description

- Single-faced siding
- Texture of choice: sanded, embossed, co-ex.
- Concealed screw channel
- Vertical installation
- Suspended ventilated facade

### 5. Advantages

- Waterproof
- No wetting of the inner wall
- Allows the installation of insulation
- UV resistant
- Does not deform or shrink
- 100% recyclable
- 10 year material warranty
- Over 20 years useful life
- Combustibility class C



### Basic colors

- Dark Brown
- Light Brown
- Red
- Anthracite
- Light Oxide





## COMPOSITE ACCESSORIES RIGHT ANGLE 90°

### Solid profile

#### 1. Technical data

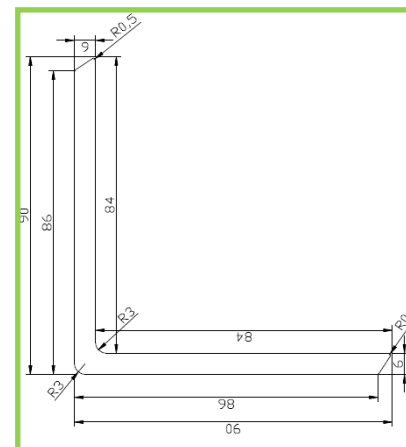
- **Type:** Profile with two 90° legs
- **Dimensions:**  
Length 3600 mm  
Leg 1 - 90 mm  
Leg 2 - 90 mm  
Wall thickness 6 mm
- **Density**  
1.3 g / cm<sup>3</sup> (+/-5%)
- **Weight**  
1.0 kg per 1 m and 3.6 kg per 1 piece

#### 2. Technical standard

- Made under the EN 15534-4:2014

#### 3. Composite substances

- Beech wood - 70%
- High density polymer - 20%
- Polymer additives - 5%
- Mineral additives - 5%



#### 4. Profile description

- Single-sided finishing angle
- Selected texture: sanded, embossed
- Exposed screw mounting
- Mounting in all directions

#### 5. Advantages

- Waterproof
- UV resistant
- Does not warp or shrink
- 100% recyclable
- 10 year material warranty
- Over 20 years useful life
- Combustibility class C
- Steps, windows and external corners of facades

### ОСНОВНИ ЦВЕТОВЕ

- Dark Brown
- Light Brown
- Red
- Anthracite
- Light Oxide





## COMPOSITE ACCESSORIES INSTALLATION PROFILE

### Hollow profile

#### 1. Technical data

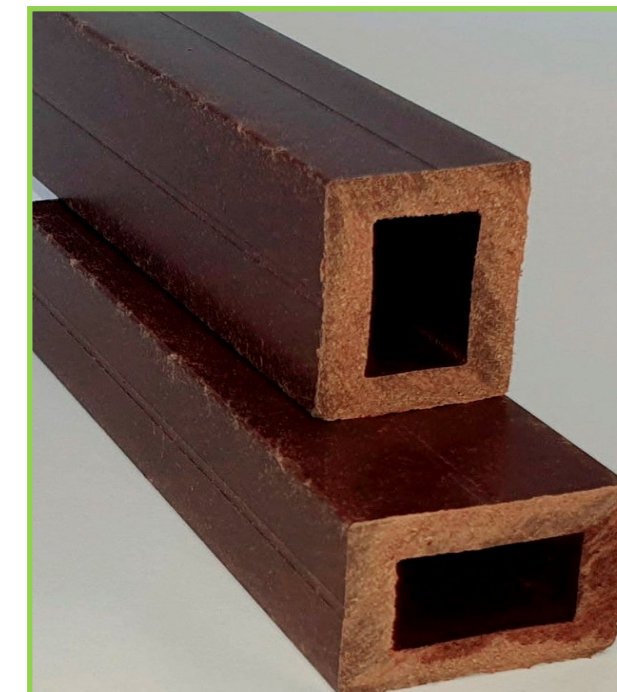
- **Type:** Rectangular profile with opening
- **Consumption rate:**  
2 pieces per 1 sq.m. for double grill  
1 piece per 1 sq.m. for single grill
- **Dimensions:**  
L 3600 mm / W 40 mm / H 30 mm  
Wall thickness 7 mm
- **Density**  
1.3 g / cm<sup>3</sup> (+/-5%)
- **Weight**  
0.9 kg per 1 m and 3.3 kg for 1 piece

#### 2. Technical standard

- Made under the EN 15534-4:2014

#### 3. Composite substances

- Beech wood - 70%
- High density polymer - 20%
- Polymer additives - 5%
- Mineral additives - 5%



#### 4. Profile description

- Mounting construction profile
- Smooth texture with center line
- Concealed mounting for clip attachment
- Mounting in all directions

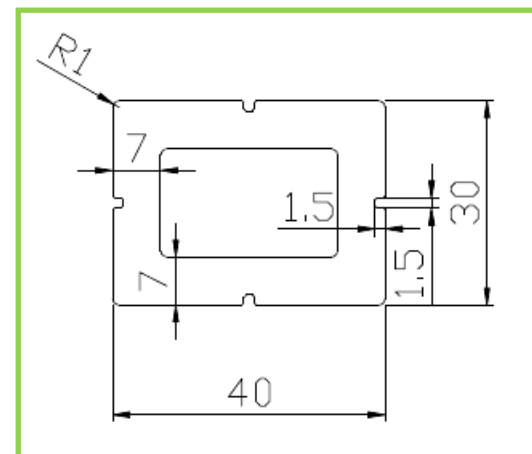
#### 5. Advantages

- Waterproof
- UV resistant
- Does not warp or shrink
- 100% recyclable
- 10 year material warranty
- Over 20 years useful life
- Combustibility class C
- Mounting profile for decking and siding
- Multipurpose application for structures
- Allows the construction of a ventilated facade

### Basic color



Dark brown

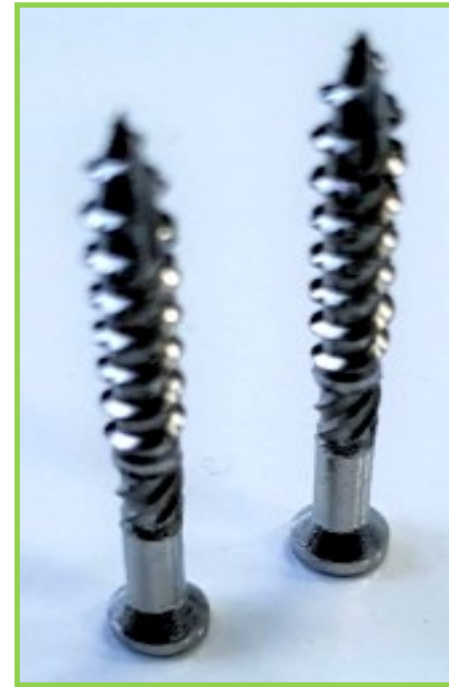




## STAINLESS STEEL ACCESSORIES MOUNTING CLIPS AND SCREWS

### 1. Technical data

- **Type:**  
Front clips for the guide board  
Main clips for decking installation
- **Dimensions:**  
According to BATCOS profile specifications
- **Material**  
Stainless steel SS304
- **Consumption rate**  
19-20 pieces per 1 sq.m.
- **Packaging**  
100 pieces per pack



### 2. Description

- High strength mounting clips
- With 45° screw direction
- Supports 5 mm expansion joint
- Concealed mounting in special channels
- Mounting in all directions

### 3. Advantages

- Waterproof
- UV resistant
- Does not warp or shrink on hot days
- 100% recyclable
- 10 year material warranty
- Over 20 years useful life
- Non-flammable
- Clips serve the headboard and the main assembly



### ОСНОВЕН ЦВЯТ





**BATCOS**  
FOREVER LUXURY

**BATCOS®**

BIOPLASTIC COMPOSITES FACTORY  
TOWN OF SLIVEN, 20V SAMUILOVSKO SHOSE STREET  
BULGARIA

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