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## European Technical Assessment

**ETA-16/0003  
of 30/06/2020**

### General Part

**Technical Assessment Body issuing the European Technical Assessment**

Instytut Techniki Budowlanej

**Trade name of the construction product**

RENOPLAST

**Product family to which the construction product belongs**

Eaves profiles for terraces and balconies

**Manufacturer**

RENOPLAST Sp. z o.o.  
ul. Fabryczna 14  
34-300 Żywiec  
Poland

**Manufacturing plant**

RENOPLAST Sp. z o.o.  
ul. Fabryczna 14  
34-300 Żywiec  
Poland

**This European Technical Assessment contains**

50 pages including 1 Annex which form an integral part of this Assessment

**This European Technical Assessment is issued in accordance with regulation (EU) No 305/2011, on the basis of**

European Assessment Document EAD  
"Eaves profiles for terraces and balconies"  
EAD 220008-00-0402

**This version replaces**

ETA-16/0003 issued on 20/01/2016

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## Specific Part

### 1 Technical description of the product

RENOPLAST eaves profiles are used for finishing edges of terraces and balconies, including loggias. Profiles' shape and holes (if relevant) facilitate removing moisture from underneath the floor.

Profiles are made of 1.2 - 2.4 mm thick aluminium alloy EN AW-6060 according to EN 573-3, with metallurgic state T66 according to EN 515, with conversion coating of mass from 600 to 1200 mg/m<sup>2</sup> and with a polyester coating of mass not greater than 180 g/m<sup>2</sup>.

The range of products consists of profiles: K10, K10R, K20, K20R, K30, K35, K35B, K40, K100, K100R, K102, K301, K60, SZ10, SZ15, V, SC1, SC2, W10, W10z, W20, W20z, W30, W30R, W30B, W35, W35B, OB, PT and D25 with ancillary materials (corners and connectors), presented in Annex A. Profiles can have perforation in the underfloor part.

### 2 Specification of the intended use in accordance with the applicable European Assessment Document (EAD)

RENOPLAST eaves profiles are intended to be used on balconies and terraces, including loggias, covered with stone, concrete or ceramic tiles, in waterproofing systems made from sealing mortar, bitumen mortar, PVC, EPDM or resin. The balconies and terraces shall have a slope of 1.5 to 2%, formed directly on the structural slab.

The provisions made in this European Technical Assessment are based on an assumed working life of the RENOPLAST eaves profiles of 25 years. The indications given on the working life cannot be interpreted as a guarantee given by the producer or the Technical Assessment Body, but are to be regarded only as a means for choosing the right products in relation to the expected economically reasonable working life of the works.

### 3 Performance of the product and references to the methods used for its assessment

#### 3.1 Performance of the product

##### 3.1.1 Safety in case of fire (BWR 2)

Essential characteristic	Performance
Reaction to fire	Class A2-s1,d0

##### 3.1.2 Safety and accessibility in use (BWR 4)

###### 3.1.2.1 Geometry

RENOPLAST eaves profiles are made of 1.2 - 2.4 mm thick aluminium alloy. Nominal values (in millimetres) of length and width of profiles, connectors and corners are presented in Annex A.

### 3.1.2.2 Corrosion resistance. Polyester coating characteristics

Coating thickness	≥ 60 µm
Adhesion	0
Indentation	≥ 80
Acetic acid salt spray resistance, testing time: 1000 hours	No blistering in excess of 2 (S2) according to ISO 4628-2. An infiltration of maximum 16 mm <sup>2</sup> is allowed over a scratch length of 100 mm but the length of any single infiltration shall not exceed 4 mm
Resistance to humid atmospheres containing sulphur dioxide (0,2 l SO <sub>2</sub> - 24 cycles)	No infiltration exceeding 1 mm on both sides of the scratch, and no change in colour or blisters in excess of 2 (S2) according to ISO 4628-2
note: the coating has a QUALICOAT mark corresponding to the abovementioned performance	

### 3.2 Methods used for the assessment

The assessment of the products has been made in accordance with the EAD 220008-00-0402 "Eaves profiles for terraces and balconies".

### 4 Assessment and verification of constancy of performance (AVCP) system applied, with reference to its legal base

According to Decision 98/436/EC of the European Commission, as amended by Decision 2001/596/EC of the European Commission, the system 3 of assessment and verification of constancy of performance applies (see Annex V to Regulation (EU) No 305/2011).

### 5 Technical details necessary for the implementation of the AVCP system, as provided in the applicable European Assessment Document (EAD)

Technical details necessary for the implementation of the AVCP system are laid down in the control plan deposited in Instytut Techniki Budowlanej.

For type testing the results of the tests performed as part of the assessment for the European Technical Assessment shall be used unless there are changes in the production line or plant. In such cases the necessary type testing has to be agreed between Instytut Techniki Budowlanej and the notified body.

Issued in Warsaw on 30/06/2020 by Instytut Techniki Budowlanej

Anna Panek, MSc  
Deputy Director of ITB

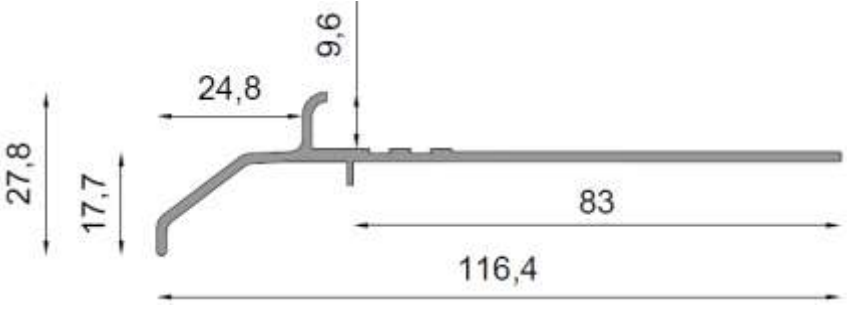
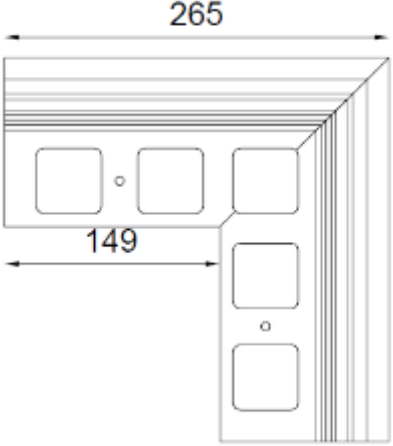
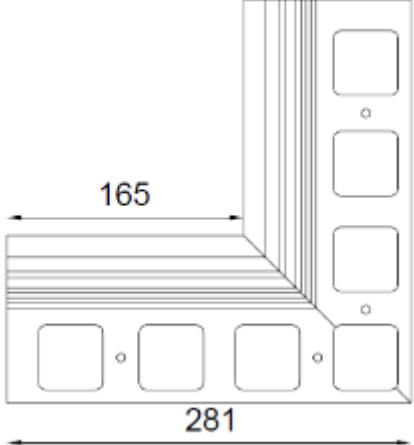
RENOPLAST K10	
Profile K10	<p>Technical drawing of Profile K10 showing dimensions: 28, 25, 3, 30, 65, 96,3</p>
90° External corner NZ 10/90	<p>Technical drawing of 90° External corner NZ 10/90 showing dimensions: 220, 122</p>
90° Internal corner NW 10/90	<p>Technical drawing of 90° Internal corner NW 10/90 showing dimensions: 125, 223</p>
<b>RENOPLAST</b>	
<b>K10</b>	<b>Annex A1</b> of European Technical Assessment ETA-16/0003

RENOPLAST K10	
<p>135° External corner NZ 10/135</p>	
<p>135° Internal corner NW 10/135</p>	
<p>Connector L10</p>	
<b>RENOPLAST</b>	
<b>K10</b>	<p><b>Annex A1</b> of European Technical Assessment ETA-16/0003</p>

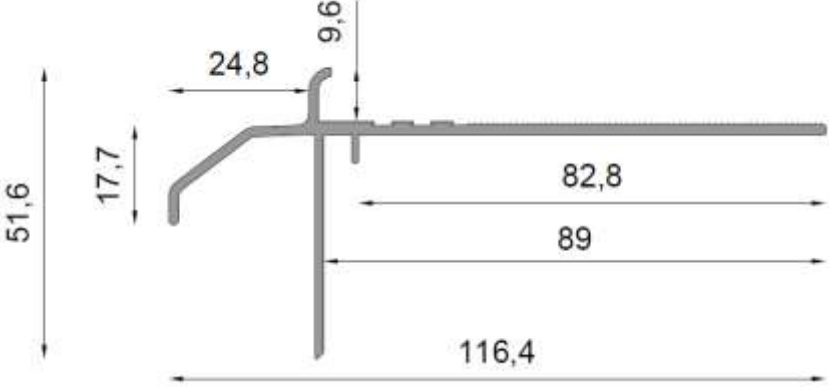
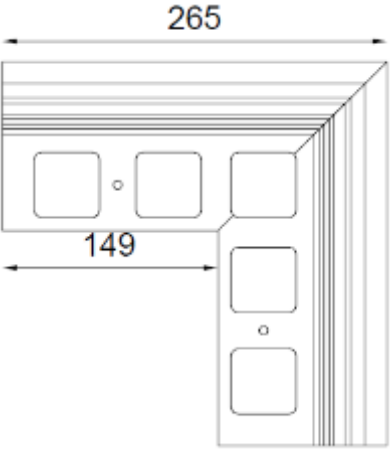
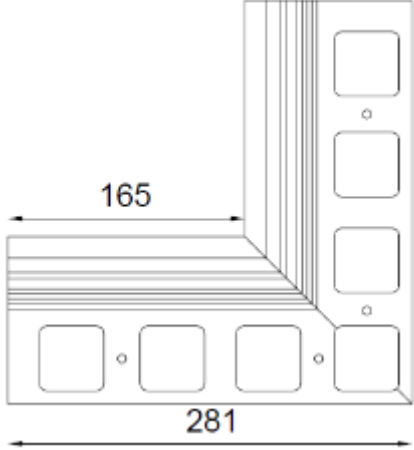
RENOPLAST K10R	
Profile K10R	
90° External corner NZ 10R/90	
90° Internal corner NW 10R/90	
<b>RENOPLAST</b>	
<b>K10R</b>	<b>Annex A2</b> of European Technical Assessment ETA-16/0003

RENOPLAST K10R	
<p>135° External corner NZ 10R/135</p>	
<p>135° Internal corner NW 10R/135</p>	
<p>Connector L10R</p>	
<b>RENOPLAST</b>	
<b>K10R</b>	
<p><b>Annex A2</b> of European Technical Assessment ETA-16/0003</p>	

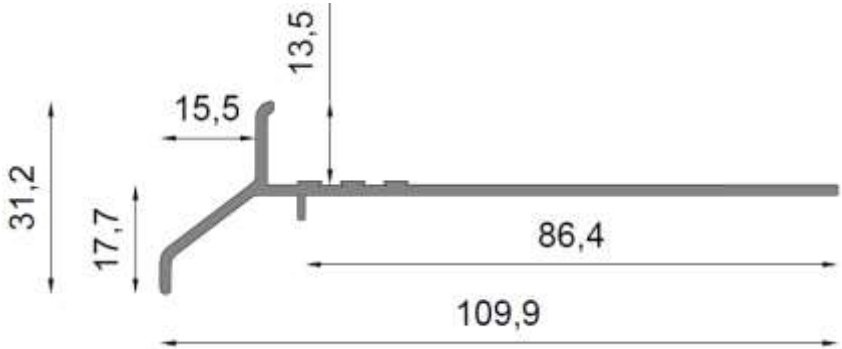
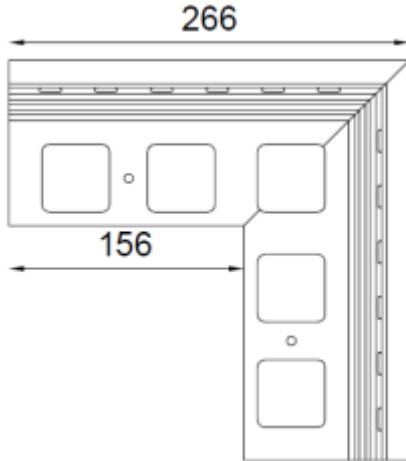
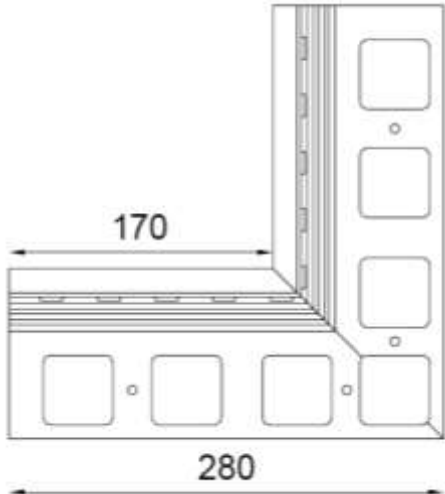


RENOPLAST K20	
Profile K20	
90° External corner NZ 20/90	
90° Internal corner NW 20/90	
<b>RENOPLAST</b>	
<b>K20</b>	<b>Annex A3</b> of European Technical Assessment ETA-16/0003

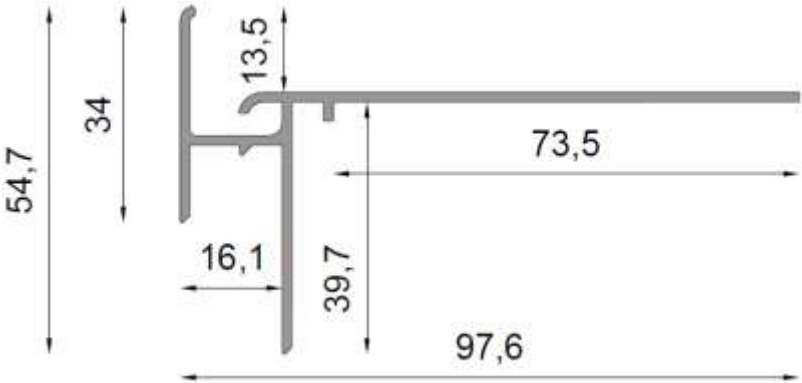
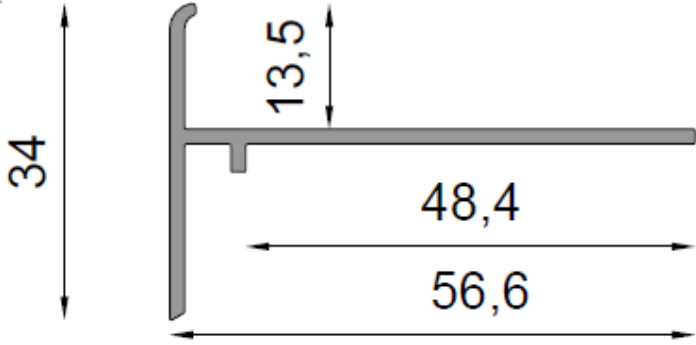
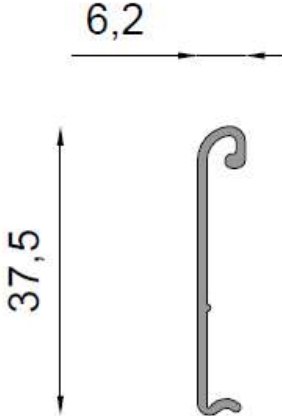
RENOPLAST K20	
<p>135° External corner NZ 20/135</p>	
<p>135° Internal corner NW 20/135</p>	
<p>Connector L20</p>	
<b>RENOPLAST</b>	
<b>K20</b>	<p><b>Annex A3</b> of European Technical Assessment ETA-16/0003</p>

<b>RENOPLAST K20R</b>	
Profile K20R	
90° External corner NZ 20R/90	
90° Internal corner NW 20R/90	
<b>RENOPLAST</b>	
<b>K20R</b>	<b>Annex A4</b> of European Technical Assessment ETA-16/0003

RENOPLAST K20R	
<p>135° External corner NZ 20R/135</p>	
<p>135° Internal corner NW 20R/135</p>	
<p>Connector L20R</p>	
<b>RENOPLAST</b>	
<b>K20R</b>	
<p><b>Annex A4</b> of European Technical Assessment ETA-16/0003</p>	

RENOPLAST K30	
Profile K30	
90° External corner NZ 30/90	
90° Internal corner NW 30/90	
<b>RENOPLAST</b>	
<b>K30</b>	<b>Annex A5</b> of European Technical Assessment ETA-16/0003

RENOPLAST K30	
<p>135° External corner NZ 30/135</p>	
<p>135° Internal corner NW 30/135</p>	
<p>Connector L30</p>	
<b>RENOPLAST</b>	
<b>K30</b>	<p><b>Annex A5</b> of European Technical Assessment ETA-16/0003</p>

RENOPLAST K35, K35B	
Profile K35	
Profile K35B	
Connector L K35	
<b>RENOPLAST</b>	<b>Annex A6</b> of European Technical Assessment ETA-16/0003
<b>K35, K35B</b>	

<b>RENOPLAST K35, K35B</b>	
<p>90° External corner NZ 35/90</p>	
<p>90° Internal corner NW K35/90</p>	
<p>135° External corner NZ K35/135</p>	
<b>RENOPLAST</b>	
<b>K35, K35B</b>	
<p><b>Annex A6</b> of European Technical Assessment ETA-16/0003</p>	



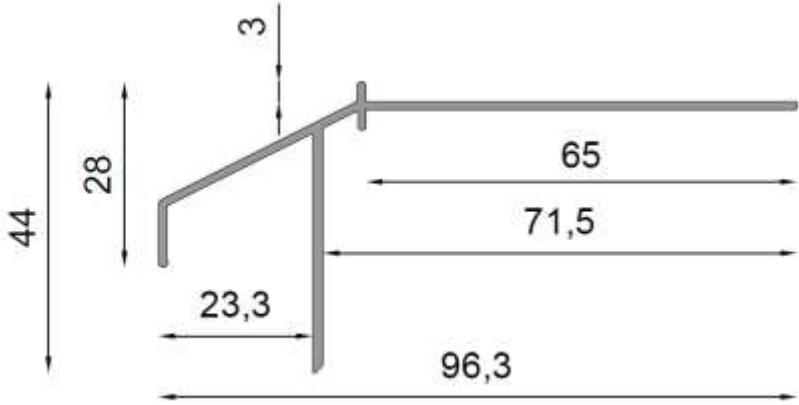
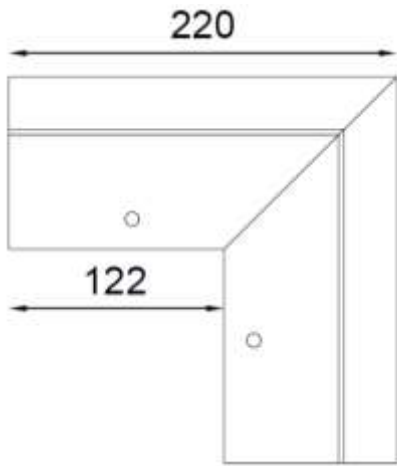
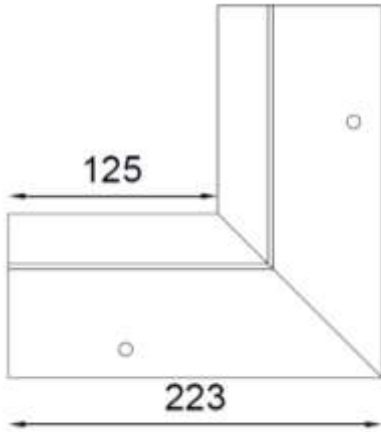
RENOPLAST K35, K35B	
<p>135° Internal corner NW K35/135</p>	
<p>90° Hybrid external corner K35-K35B NZ K35-K35B/90 LEFT</p>	
<p>90° Hybrid external corner K35-K35B NZ K35-K35B/90 RIGHT</p>	
<b>RENOPLAST</b>	
<b>K35, K35B</b>	
<p><b>Annex A6</b> of European Technical Assessment ETA-16/0003</p>	

RENOPLAST K40	
Profile K40	
90° External corner NZ 40/90	
90° Internal corner NW 40/90	
<b>RENOPLAST</b>	
<b>K40</b>	<b>Annex A7</b> of European Technical Assessment ETA-16/0003

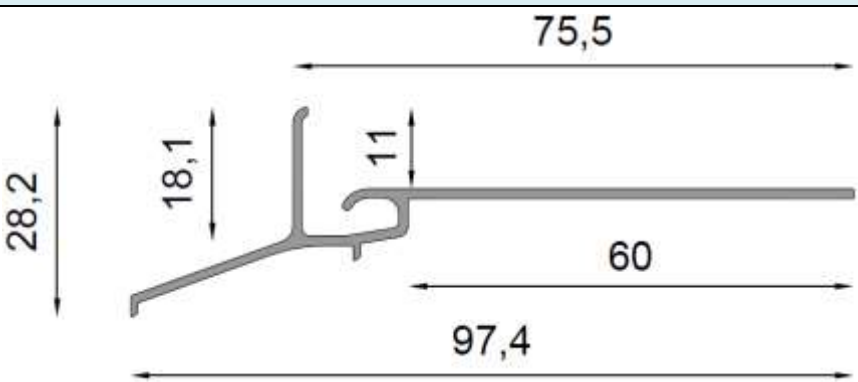
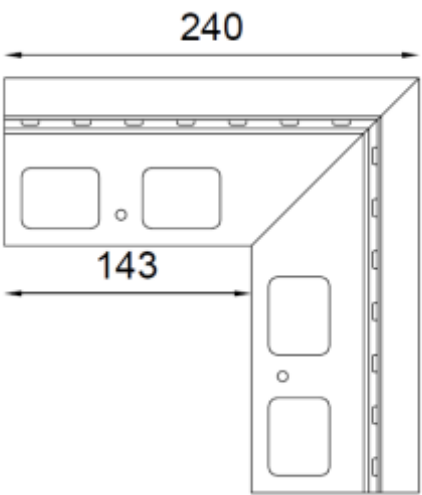
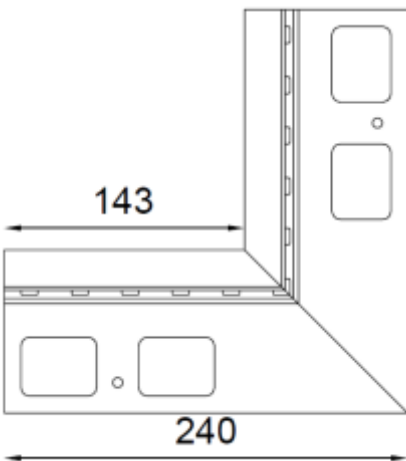
RENOPLAST K40	
<p>135° External corner NZ 40/135</p>	
<p>135° Internal corner NW 40/135</p>	
<p>Connector L40</p>	
<b>RENOPLAST</b>	
<b>K40</b>	<p><b>Annex A7</b> of European Technical Assessment ETA-16/0003</p>

RENOPLAST K100	
Profile K100	
90° External corner NZ 100/90	
90° Internal corner NW 100/90	
<b>RENOPLAST</b>	
<b>K100</b>	
<b>Annex A8</b> of European Technical Assessment ETA-16/0003	

RENOPLAST K100	
<p>135° External corner NZ 100/135</p>	
<p>135° Internal corner NW 100/135</p>	
<p>Connector L100</p>	
<b>RENOPLAST</b>	
<b>K100</b>	<p><b>Annex A8</b> of European Technical Assessment ETA-16/0003</p>

RENOPLAST K100R	
Profile K100R	
90° External corner NZ 100R/90	
90° Internal corner NW 100R/90	
<b>RENOPLAST</b>	
<b>K100R</b>	
<b>Annex A9</b> of European Technical Assessment ETA-16/0003	

RENOPLAST K100R	
<p>135° External corner NZ 100R/135</p>	
<p>135° Internal corner NW 100R/135</p>	
<p>Connector L100R</p>	
<b>RENOPLAST</b>	
<b>K100R</b>	
<p><b>Annex A9</b> of European Technical Assessment ETA-16/0003</p>	

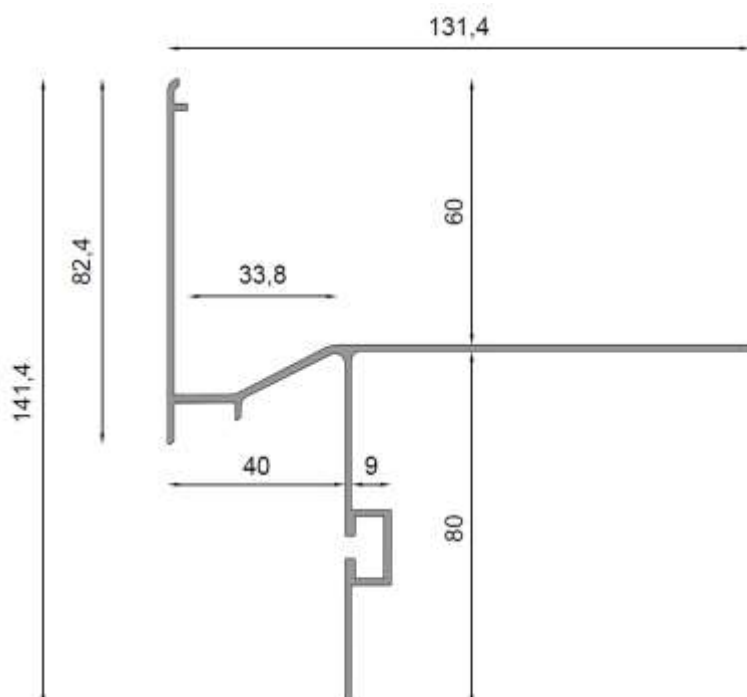
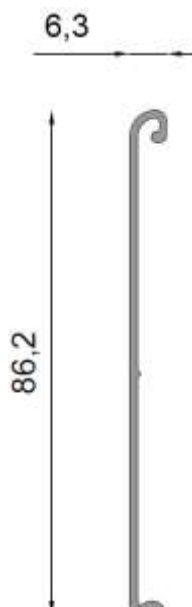
RENOPLAST K102	
Profile K102	
90° External corner NZ 102/90	
90° Internal corner NW 102/90	
<b>RENOPLAST</b>	
<b>K102</b>	<b>Annex A10</b> of European Technical Assessment ETA-16/0003



RENOPLAST K102	
<p>135° External corner NZ 102/135</p>	
<p>135° Internal corner NW 102/135</p>	
<p>Connector L102</p>	
<b>RENOPLAST</b>	
<b>K102</b>	<p><b>Annex A10</b> of European Technical Assessment ETA-16/0003</p>

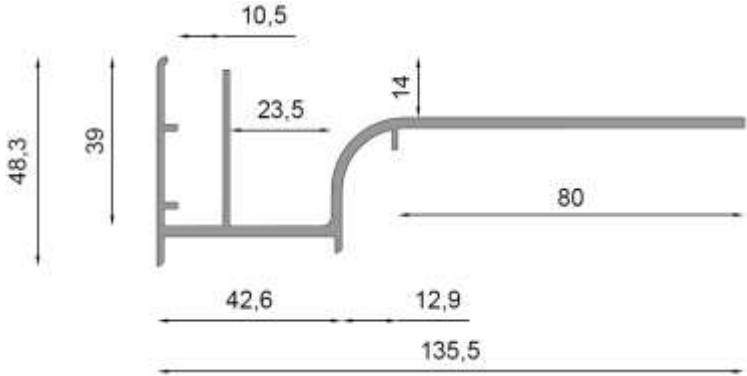
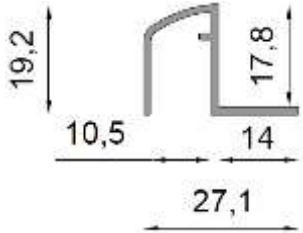
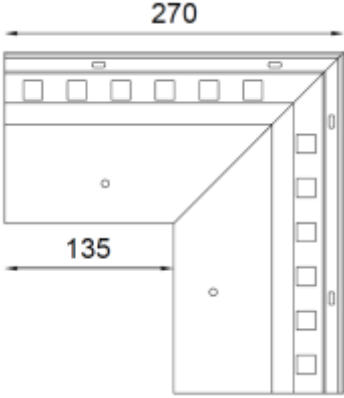
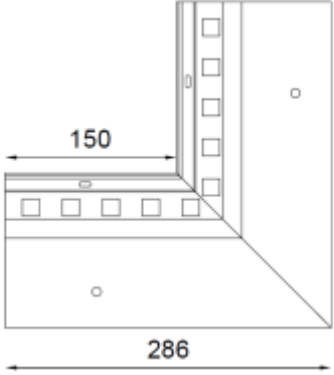
<b>RENOPLAST K301</b>	
Profile K301	
90° External corner NZ 301/90	
90° Internal corner NW 301/90	
<b>RENOPLAST</b>	
<b>K301</b>	<b>Annex A11</b> of European Technical Assessment ETA-16/0003

RENOPLAST K301	
<p>135° External corner NZ 301/135</p>	
<p>135° Internal corner NW 301/135</p>	
<p>Connector L301</p>	
<b>RENOPLAST</b>	
<b>K301</b>	
<p><b>Annex A11</b> of European Technical Assessment ETA-16/0003</p>	

RENOPLAST K60	
Profile K60	
Connector L60	
<b>RENOPLAST</b>	
<b>K60</b>	
<b>Annex A12</b> of European Technical Assessment ETA-16/0003	

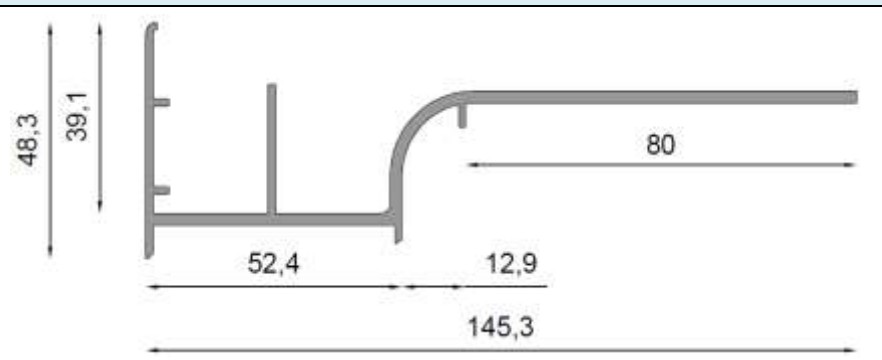
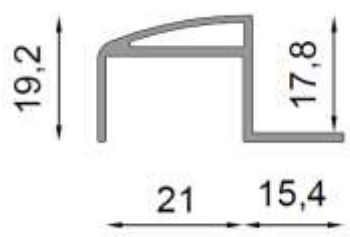
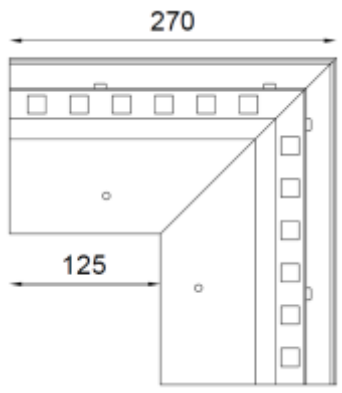
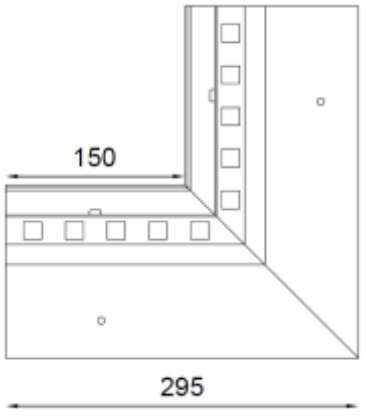
RENOPLAST K60	
<p>90° External corner NZ 60/90</p>	
<p>90° Internal corner NW 60/90</p>	
<p>135° External corner NZ 60/135</p>	
<p>135° Internal corner NW 60/135</p>	
<b>RENOPLAST</b>	
<b>K60</b>	<p><b>Annex A12</b> of European Technical Assessment ETA-16/0003</p>

RENOPLAST SZ10, SZ15, V, SC1, SC2	
Profile SZ10	
Profile SZ15	
Profile V	
Profile SC1	
Profile SC2	
<b>RENOPLAST</b>	
<b>SZ10, SZ15, V, SC1, SC2</b>	
<b>Annex A13</b> of European Technical Assessment ETA-16/0003	

RENOPLAST W10	
Profile W10	
Profile W10Z	
90° External corner NZ W10/90	
90° Internal corner NW W10/90	
<b>RENOPLAST</b>	
<b>W10</b>	
<b>Annex A14</b> of European Technical Assessment ETA-16/0003	

RENOPLAST W10	
135° External corner NZ W10/135	
135° Internal corner NW W10/135	
Connector L W10	
<b>RENOPLAST</b>	
<b>W10</b>	
<b>Annex A14</b> of European Technical Assessment ETA-16/0003	



<b>RENOPLAST W20</b>	
Profile W20	
Profile W20Z	
90° External corner NZ W20/90	
90° Internal corner NW W20/90	
<b>RENOPLAST</b>	
<b>W20</b>	
<b>Annex A15</b> of European Technical Assessment ETA-16/0003	

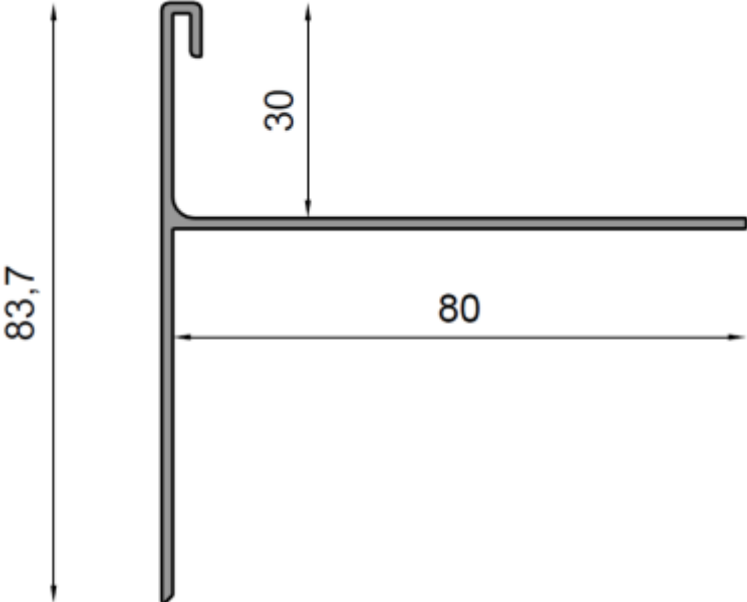
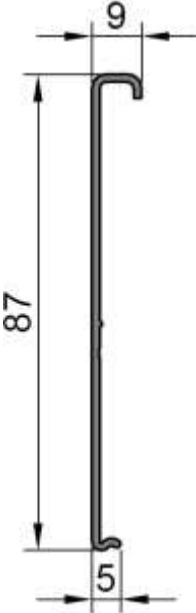
RENOPLAST W20	
135° External corner NZ W20/135	
135° Internal corner NW W20/135	
Connector L W20	
<b>RENOPLAST</b>	
<b>W20</b>	
<b>Annex A15</b> of European Technical Assessment ETA-16/0003	

<b>RENOPLAST W30</b>	
Profile W30	
90° External corner NZ W30/90	
90° Internal corner NW W30/90	
<b>RENOPLAST</b>	
<b>W30</b>	<b>Annex A16</b> of European Technical Assessment ETA-16/0003

RENOPLAST W30	
<p>135° External corner NZ W30/135</p>	
<p>135° Internal corner NW W30/135</p>	
<p>Connector L W30</p>	
<b>RENOPLAST</b>	
<b>W30</b>	<p><b>Annex A16</b> of European Technical Assessment ETA-16/0003</p>

RENOPLAST W30R	
Profile W30R	
90° External corner NZ W30R/90	
90° Internal corner NW W30R/90	
<b>RENOPLAST</b>	
<b>W30R</b>	
<b>Annex A17</b> of European Technical Assessment ETA-16/0003	

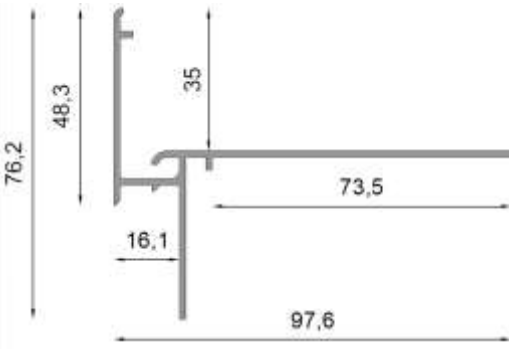
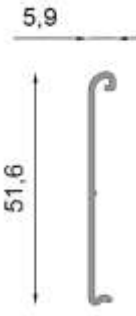
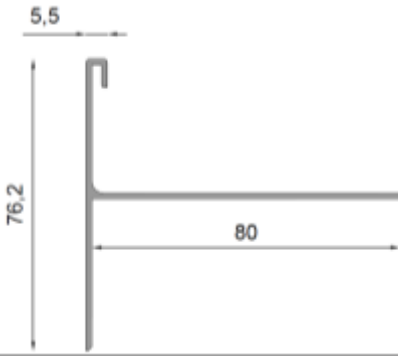

RENOPLAST W30R	
<p>135° External corner NZ W30R/135</p>	
<p>135° Internal corner NW W30R/135</p>	
<p>Connector L W30R</p>	
<b>RENOPLAST</b>	
<b>W30R</b>	
<p><b>Annex A17</b> of European Technical Assessment ETA-16/0003</p>	

<b>RENOPLAST W30B</b>	
Profile W60B	 <p>Technical drawing of Profile W60B. The profile is an L-shaped extrusion. The total height of the profile is 83,7. The top flange has a height of 30. The bottom flange has a width of 80.</p>
Connector L W30B	 <p>Technical drawing of Connector L W30B. The connector is a vertical extrusion. The total height is 87. The top flange has a width of 9. The bottom flange has a width of 5.</p>
<b>RENOPLAST</b>	
<b>W30B</b>	<b>Annex A18</b> of European Technical Assessment ETA-16/0003

RENOPLAST W30, W30B	
<p>90° Hybrid external corner W30-W30B NZ W30-W30B/90 LEFT</p>	
<p>90° Hybrid internal corner W30-W30B NZ W30-W30B/90 RIGHT</p>	
<b>RENOPLAST</b>	
<b>W30, W30B</b>	
<p><b>Annex A19</b> of European Technical Assessment ETA-16/0003</p>	



<b>RENOPLAST W30R, W30B</b>	
<p>90° Hybrid external corner W30R-W30B NZ W30R-W30B/90 LEFT</p>	
<p>90° Hybrid internal corner W30R-W30B NZ W30R-W30B/90 RIGHT</p>	
<b>RENOPLAST</b>	
<b>W30R, W30B</b>	
<p><b>Annex A20</b> of European Technical Assessment ETA-16/0003</p>	

RENOPLAST W35, W35B	
Profile W35	
Connector L W35	
Profile W35B	
Connector L W35B	
<b>RENOPLAST</b>	<b>Annex A21</b> of European Technical Assessment ETA-16/0003
<b>W35, W35B</b>	

RENOPLAST W35, W35B	
<p>90° External corner NZ W35/90</p>	
<p>90° Internal corner NW W35/90</p>	
<p>135° External corner NZ W35/135</p>	
<b>RENOPLAST</b>	
<b>W35, W35B</b>	
<p><b>Annex A21</b> of European Technical Assessment ETA-16/0003</p>	

RENOPLAST W35, W35B	
<p>135° Internal corner NW W35/135</p>	
<p>90° Hybrid external corner W35-W35B NZ W35-W35B LEFT</p>	
<p>90° Hybrid external corner W35-W35B NZ W35-W35B RIGHT</p>	
<b>RENOPLAST</b>	
<b>W35, W35B</b>	
<p><b>Annex A21</b> of European Technical Assessment ETA-16/0003</p>	

RENOPLAST OB	
Profile OB	
90° External corner NZ OB/90	
90° Internal corner NW OB/90	
<b>RENOPLAST</b>	
<b>OB</b>	
<b>Annex A22</b> of European Technical Assessment ETA-16/0003	

RENOPLAST OB	
<p>135° External corner NZ OB/135</p>	
<p>135° Internal corner NW OB/135</p>	
<p>Connector L OB</p>	
<b>RENOPLAST</b>	
<b>OB</b>	
<p><b>Annex A22</b> of European Technical Assessment ETA-16/0003</p>	

RENOPLAST PT	
Profile PT	
90° External corner NZ PT/90	
90° Internal corner NW PT/90	
<b>RENOPLAST</b>	
<b>PT</b>	
<b>Annex A23</b> of European Technical Assessment ETA-16/0003	

RENOPLAST PT	
135° External corner NZ PT/135	
135° Internal corner NW PT/135	
Connector L PT	
<b>RENOPLAST</b>	
<b>PT</b>	<b>Annex A23</b> of European Technical Assessment ETA-16/0003



RENOPLAST D25	
Profile D25	
90° External corner NZ D25/90	
90° Internal corner NW D25/90	
<b>RENOPLAST</b>	
<b>D25</b>	<b>Annex A24</b> of European Technical Assessment ETA-16/0003

RENOPLAST D25	
135° External corner NZ D25/135	
135° Internal corner NW D25/135	
Connector L D25	
<b>RENOPLAST</b>	
<b>D25</b>	<b>Annex A24</b> of European Technical Assessment ETA-16/0003