

**Product data sheet – Sub-structure system ATK 100 ZeLa**

Vertical supporting construction e.g. for visible fixing of plane facade panels or as the base construction for diverse built-up systems



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| <b>BWM FASSADENSYSTEME GmbH</b><br>Ernst-Mey-Straße 1<br>D-70771 Leinfelden-Echterdingen  | <b>Ventilated rainscreen cladding sub-structure system according to DIN 18516-1 consisting of:</b>   |   |
| <b>Products</b>   | <b>Versions</b>  | <b>Material</b>   |
| BWM-facade holder ZeLa<br>consisting of:<br>National Technical approval<br>Z-14.4-657<br><br>- ZeLa-console<br><br>- ZeLa-guide bar – Aluminium<br><br>- ZeLa-guide bar – stainless steel<br><br>- ZeLa-coupling<br><br>- ZeLa-fixed point clip<br><br>Inox spline (optional) | Bracket projection: 100 - 320 mm<br>H = 120 mm und H = 60 mm<br>Bracket projection: 120 - 320 mm<br>H = 120 mm und H = 60 mm                                   | EN AW 5754 H24/H34<br><br>EN AW 5754 H24/H34<br><br>Stainless steel: 1.4301, 1.4401,<br>1.4404 und 1.4571<br>(optional foiled)<br><br>Polyamide PA B3S green<br><br>Polyamide PA B3S red<br><br>stainless steel |
| Vertical support sections<br>ATK 100 „Minor“<br>natural finish or.<br>anodized  | T 120/52/2; T 110/52/2; T 100/52/2;<br>T 60/52/2; T 40/52/2; L 42/50/2;<br>T 120/52/2,5 T 40/52/2,5<br>tulip section;<br>further sections available on request | EN AW 6063 T66<br><br>anodized C35  |
| Connecting device   | e.g. self-drilling screws<br>SDA 5/3,5-8-H13-S4-5,5x22<br>JT4-3H/5-5,5x19<br>JT9-3H/5-5,5x19   | A4 stainless steel<br>A2 stainless steel<br>A4 stainless steel  |
| Anchoring elements  | e.g. Frame fixing SXR/ SXRL<br><br>e.g. FIS V injection system<br><br>e.g. bolt anchor<br><br>e.g. self-drilling screws  | Plastic wall plug with zinc-coated<br>or stainless steel screw<br><br>with A4-70 stainless steel anchor<br>rod + accessories<br><br>A4 stainless steel (R)<br><br>A2 or A4 stainless steel                      |
| BWM-Thermostop (optional)<br>self-adhesive  | 50/60<br>d = 6 mm  | PVC hard foam   |

Sections:

EN AW 6063 T66

Tensile strength:  $f(u) = 245 \text{ N/mm}^2$

0,2%-Elastic limit:  $f(o) = 200 \text{ N/mm}^2$

Console:

EN AW 5754 H24/H34

Tensile strength:  $f(u) = 240 \text{ N/mm}^2$

0,2%-Elastic limit:  $f(o) = 160 \text{ N/mm}^2$

Guide Bar:

EN AW 5754 H24/H34

Stainless steel 1.4401

Stainless steel 1.4404

Tensile strength:  $f(u) = 240 \text{ N/mm}^2$

Tensile strength:  $R(m) \geq 530 \text{ N/mm}^2$

Tensile strength:  $R(m) \geq 530 \text{ N/mm}^2$

0,2%-Elastic limit:  $f(o) = 160 \text{ N/mm}^2$

0,2%-Elastic limit:  $R(p0,2) \geq 240 \text{ N/mm}^2$

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