

**Product data sheet – Sub-structure system ATK 107 B**

Vertical supporting construction for insert bolt fixing of plane coffers



BWM FASSADENSYSTEME GmbH Ernst-Mey-Straße 1 D-70771 Leinfelden-Echterdingen	<b>Ventilated rainscreen facade sub-structure system according to DIN 18516-1 consisting of:</b>	
<b>Products</b>	<b>Versions</b>	<b>Material</b>
BWM-U-bracket - „Type N - bended	Bracket heights: 50;70;150;250;300 mm  Bracket length: 60 - 320 mm  other bracket lengths on request	EN AW 5754 H24/H34
Vertical support sections natural finish	Support section	EN AW 6063 T66
Bolt section natural finish		EN AW 6063 T66
Bolts		A4 stainless steel
Clip without securing		Plastic
Connecting device	e.g. BWM-Special rivet SNA 5x12 K14  e.g. self-drilling screws SDA 5/3,5-8-H13-S4-5,5x22	Sleeve: EN AW 5754 Sandrel: 1.4541 stainless steel
Anchoring elements	e.g. Frame fixing SXR / SXRL  e.g. FIS V injection system  e.g. bolt anchor  e.g. self-drilling screws	Plastic wall plug with zinc-coated or stainless steel screw  with A4-70 stainless steel anchor rod + accessoires  A4 stainless steel (R)  A2 or A4 stainless steel
BWM-Thermostop (optional) self-adhesive	60/50; 60/70; 60/150; 60/250; 60/300 d = 6 mm	PVC hard foam

Sections:

EN AW 6063 T66      tensile strength:  $f(u) = 245 \text{ N/mm}^2$       0.2% elastic limit:  $f(o) = 200 \text{ N/mm}^2$

Wall brackets:

EN AW 6063 T66      tensile strength:  $f(u) = 245 \text{ N/mm}^2$       0.2% elastic limit:  $f(o) = 200 \text{ N/mm}^2$   
 EN AW 5754 H24/H34      tensile strength:  $f(u) = 240 \text{ N/mm}^2$       0.2% elastic limit:  $f(o) = 160 \text{ N/mm}^2$