

**Product data sheet – Sub-structure system ATK 106 SZ 20**

Hidden fixing of bended composite aluminium coffers  
System SZ 20, fitted horizontally



<b>BWM FASSADENSYSTEME GmbH</b> Ernst-Mey-Straße 1 D-70771 Leinfelden-Echterdingen	<b>Ventilated rainscreen facade system in accordance with DIN 18516-1 consisting of:</b>	
<b>Products</b>	<b>Versions</b>	<b>Material</b>
BWM U-bracket (LW 50) - „Type N“ - bended	Bracket heights: 50;70;150;250;300 mm Bracket length: 60 - 320 mm Further bracket lengths on request	EN AW 5754 H24/H34
Vertical support sections natural finish	Hat section SZ 20	EN AW 6063 T66
Horizontal support sections natural finish	Basic section SZ 20; Z-section SZ 20; S- section SZ 20	EN AW 6063 T66
Plastic clip SZ 20		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 Mandrel: 1.4541 stainless steel  stainless steel
Anchoring elements	e.g. Frame fixing SXR/ SXRL  e.g. FIS V Injection system FIS V  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 + accessories  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:  $f(o) = 160 \text{ N/mm}^2$