

Product data sheet – Sub-structure system ATK 101

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



BWM FASSADENSYSTEME GmbH Ernst-Mey-Straße 1 D-70771 Leinfelden-Echterdingen	Ventilated rainscreen cladding sub-structure system according to DIN 18516-1 consisting of:	
Products	Versions	Material
BWM U-bracket (LW 44) - „Type N“ – bended	Bracket heights: 50;70;150;250;300 mm Bracket length: 200 - 320 mm further bracket lengths on request	EN AW 5754 H24/H34
Vertical supporting sections ATK 101 natural finish or black anodized on request	hat profile; box profile; PI-profile-110; PI- profile -60; U-support profile further sections available on request	EN AW 6063 T66
Connecting devices	e.g. BWM-Special rivet SNA 5x12 K14 e.g. self-drilling screw SDA 5/3,5-8-H13-S4-5,5x22	Sleeve: EN AW 5754 Mandrel: 1.4541 stainless steel stainless steel A4
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: $f(o) = 160 \text{ N/mm}^2$