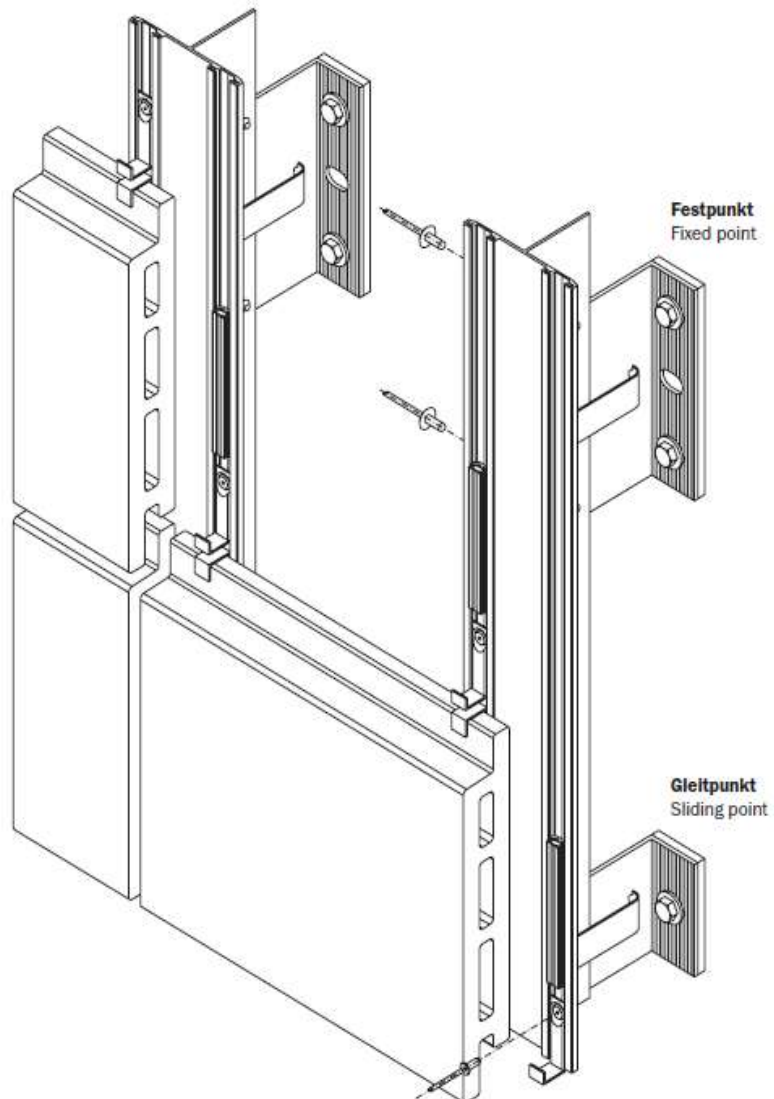



Product data sheet – Sub-structure system ATK 102 Minor

Vertical supporting construction for e.g. hidden clamp fixing of terracotta



 BWM Dübel + Montagetechnik GmbH Ernst-Mey-Straße 1 D-70771 Leinfelden-Echterdingen CE@bwm.de	Ventilated rainscreen cladding sub-structure system according to DIN 18516-1 consisting of:	
CE LEISTUNGSERKLÄRUNG nach Bauprodukteverordnung EU 305/2011 <small>EN 1090-1+A1:2011 0035-CPR-1090.100328.TÜVRh.2014.002/0035-CPR-10.90.100329.TÜVRh.2014.002</small>		
CE Declaration of Conformity according to Construction Products Regulation EU 305/2011 <small>EN 1090-1+A1:2011 0035-CPR-1090.100328.TÜVRh.2014.002/0035-CPR-1090.100329.TÜVRh.2014.002</small>		
Products	Versions	Material
BWM L-brackets „WAWI“ - Extruded finish - Bended finish Extension (optional) Inox spline (optional)	Bracket heights: 80;150;250;300 mm Bracket length: 40 - 320 mm Bracket length: > 320 mm corresponding bracket height	EN AW 6063 T66 EN AW 5754 H24/H34 EN AW 6063 T66 stainless steel
Vertical support sections ATK 102 „Minor“ natural finish	Main section Minor; corner section; embrasure section further sections available on request	EN AW 6063 T66
Stainless steel clamps ATK 102	Initial and grooved clamps for diverse panel thicknesses	1.4571, 1.4401 and 1.4404 stainless steel blank or colour-coated
EPDM section		EPDM black
Fastening rivet clamps	e.g. rivet 4 x 8 or rivet 4 x 10 shiny	Sleeve: EN AW 5754 Mandrel: 1.4541 stainless steel
Connecting devices	e.g. BWM-Special rivet SNA 5x12 K14 e.g. self-drilling screw JT4-3H/5-5.5x19 e.g. self-drilling screw JT9-3H/5-5.5x19	Sleeve: EN AW 5754 Mandrel: 1.4541 stainless steel A2 stainless steel A4 stainless steel
Anchoring elements	e.g. BWM-System wall plug SXS / SXR / FUR / SXR-L 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 + accessories A4 stainless steel A2 or A4 stainless steel
BWM-Thermostop (optional) self-adhesive	40/80; 40/150; 40/250; 40/300 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: $f(o) = 160 \text{ N/mm}^2$
 S235 stainless steel tensile strength: $f(u,k) = 500 \text{ N/mm}^2$ tensile yield strength: $f(y,k) = 240 \text{ N/mm}^2$