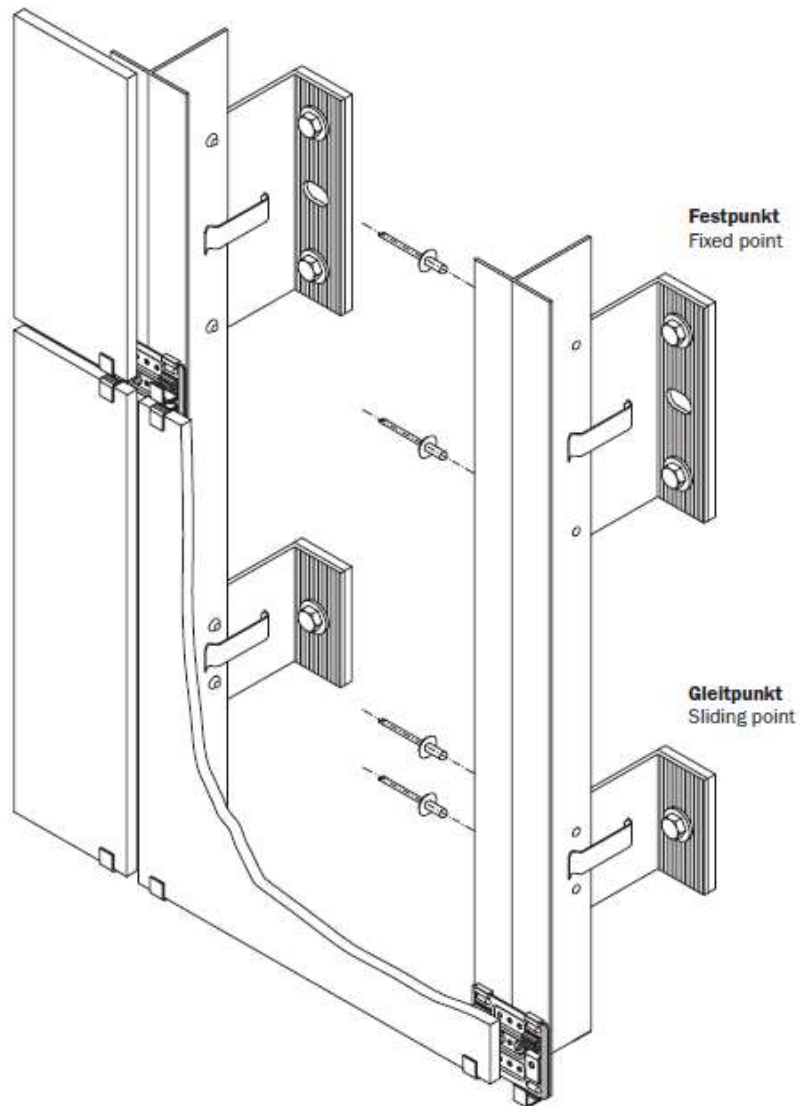



Product data sheet – Sub-structure system ATK 100 KL

Vertical supporting construction for clamp fixing ceramic tiles



 BWM Dübel + Montagetechnik GmbH Ernst-Mey-Straße 1 D-70771 Leinfelden-Echterdingen CE@bwm.de	Rainscreen facade substructure 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-bracket „WAWI“ - Extruded finish - Bended finish Extension(optional) Inox spline (optional)	Bracket heights: 80;150;250;300 mm Bracket width: 40 - 320 mm Bracket width: > 320 mm corresponding bracket height	EN AW 6063 T66 EN AW 5754 H24/H34 EN AW 6063 T66 stainless steel
Vertical support sections ATK 100 „Minor“ natural finish or anodized	T 60/52/2 further sections available on request	EN AW 6063 T66 C35 anodized
Clamp-system ATK 100 KL	initial clamps and grooved clamps for panel thicknesses: 8; 9.5; 10.5; 11; 13 mm	stainless steel 1.4571/1.4401/1.4404 blank or colour-coated
EPDM gasket		EPDM black
Clamp fastening rivet	e.g. BWM-special rivet 3.2 x 8 e.g. BWM-special rivet 3.2 x 10 blank or black	stainless steel with long spike Sleeve: 1.4567 stainless steel Mandrel: 1.4541 stainless steel stainless steel with long spike Sleeve: 1.4567 stainless steel Mandrel: 1.4541 stainless steel
Connecting device	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 screw 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

Section:

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 bracket:

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: $f(o) = 160 \text{ N/mm}^2$

S275 stainless steel tensile strength: $f(u,k) = 500 \text{ N/mm}^2$ tensile yield strength: $f(y,k) = 240 \text{ N/mm}^2$