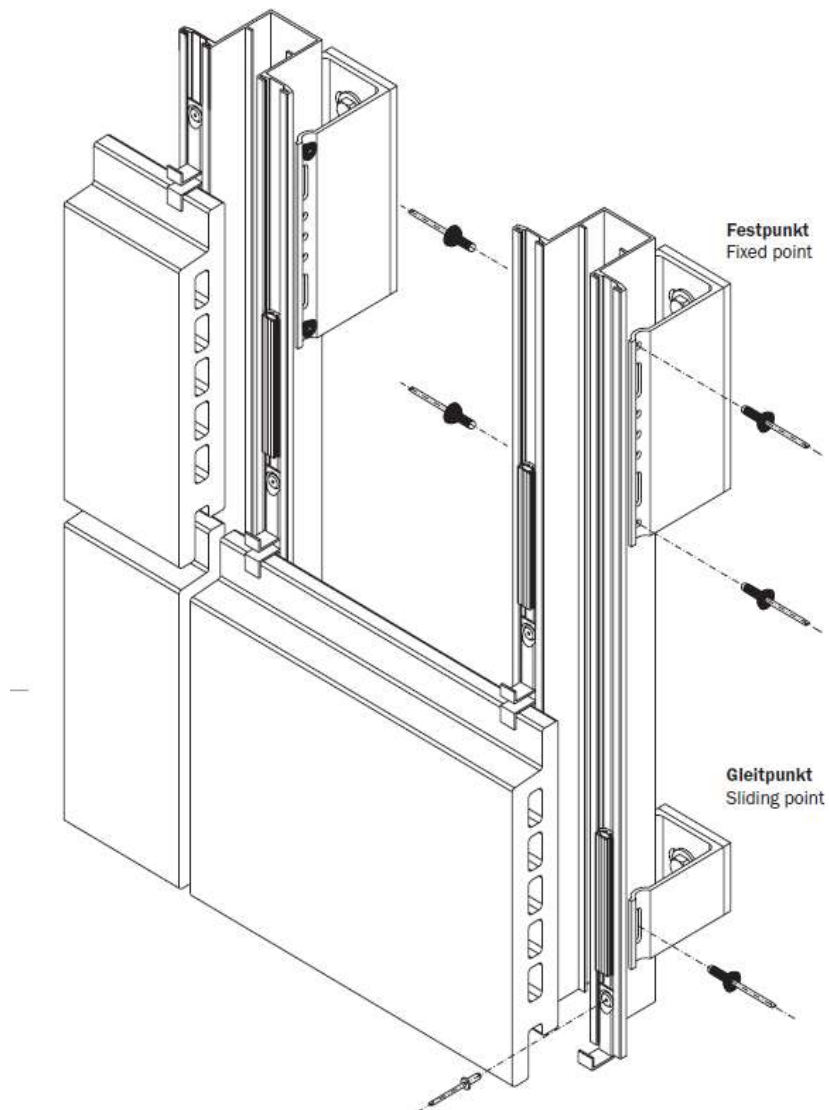



Product Data Sheet – Sub-structure system ATK 102

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-U-Brackets (LW 44) - „Type S“ – extruded - „Type N“ - bended	Bracket heights: 50;70;150;250;300 mm Bracket length: 60 - 180 mm Bracket length: 200 - 320 mm Further bracket lengths on request	EN AW 6063 T66 EN AW 5754 H24/H34
Vertical support sections ATK 102	Main section 50 further sections available on request	EN AW 6063 T66
Connecting devices	BWM-Special rivet SNA 5x12 for U-bracket „Type S“ e.g. BWM-Special rivet 5x12 K14 for U-bracket „Type N“	Sleeve: EN AW 5754 Mandrel: 1.4541 stainless steel Sleeve: EN AW 5754 Mandrel 1.4541 stainless steel
Stainless steel clamps ATK 102	Bottom and grooved clamps for diverse panel thicknesses	1.4571, 1.4401 and 1.4404 stainless steel shiny or colour-coated
EPDM section		EPDM black
Fastening rivets Clamps	e.g. rivet 4 x 8 or rivet 4 x 10 blank	Sleeve: EN AW 5754 Mandrel: 1.4541 stainless steel
Anchoring elements	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	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: $f(o) = 160 \text{ N/mm}^2$
 E S235 stainless steel tensile strength: $f(u,k) = 500 \text{ N/mm}^2$ tensile yield strength: $f(y,k) = 240 \text{ N/mm}^2$