

**Product Data Sheet – Sub-Structure System ATK 100 FLH R**

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



<b>BWM FASSADENSYSTEME GmbH</b> Ernst-Mey-Straße 1 D-70771 Leinfelden-Echterdingen	<b>Ventilated Rainscreen Facade sub-structure system according to DIN 18516-1 consisting of:</b>	
Products	Versions	Material
Stainless steel wall holder „FLH R“  Insert washer FLH 147 R / FLH 70 R  Inox spline (optional)	Bracket heights : 147 / 70 mm  Bracket width: 120 - 340 mm	1.4162 (duplex steel) CRC III  1.4162 (duplex steel) CRC III  stainless steel
Vertical support sections ATK 100 „Minor“ natural finish or anodized	T 160/52/2; T 120/52/2; T 110/52/2; T 100/52/2; T 80/52/2; T 70/52/2; T 60/52/2; T 40/52/2; L 42/50/2: T 120/52/2,5; T 40/52/2,5; tulip section  further sections on request	EN AW 6063 T66  C35 anodized
Connection device	e.g. self-drilling screw JT9-2/5-5,0x25-VARIO SDA 5/3,5-8-H13-S4-5,5x22	stainless steel A4 stainless steel A4
Anchoring elements	e.g. Frame fixing SXR / SXRL  e.g. FIS V injection system  e.g. bolt anchor FAZ II R  self drilling screws	Plastic wall plug Ø 10 mm with zinc-coated screw or stainless steel  with anchor rod M10 made of stainless steel A4-70 + accessoires  M10 stainless steel A4 (R)  until Ø 6,5 mm stainless steel

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 holder/washer:

Duplex steel 1.4162      tensile strength:  $f(u,k) \geq 700 \text{ N/mm}^2$       tensile yield strength:  $f(y,k) \geq 530 \text{ N/mm}^2$