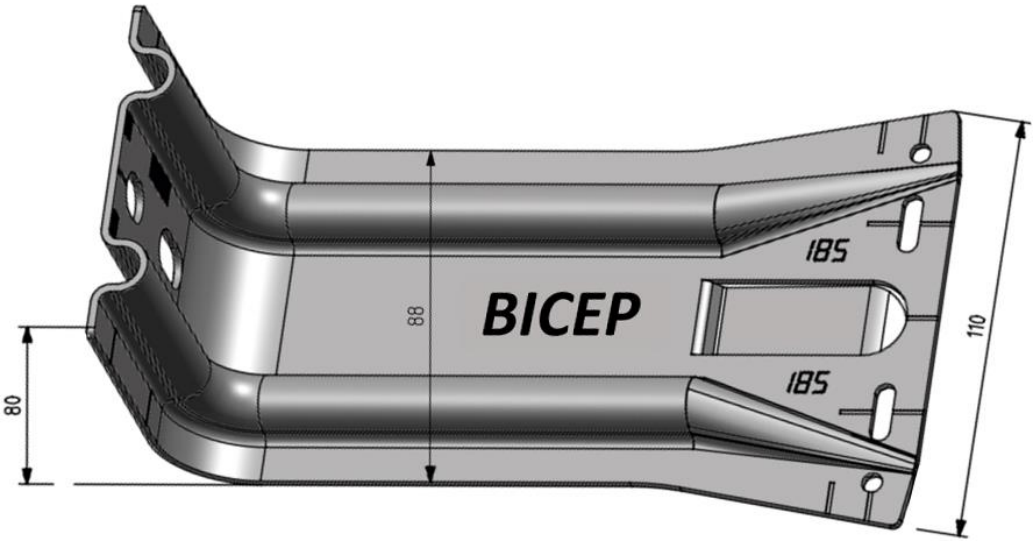
TECHNICAL DATA SHEET
BICEP Thermally Broken Façade Bracket & Support Profile (Including Product *Item Numbers*).

Technical Item	Technical Data / Performance
Bracket Material Options: **Steel = FE** **Aluminium = AL** **Stainless = SS**	**STEEL (FE):** Band S250GD+ZA255-A-C, WNr: 1.0242, according to DIN EN 10346, tolerances according to DIN EN 10143 + KTL black – *Item No. BCFEB**** **ALUMINIUM (AL):** Band Almg 2,5/H12, WNr: EN AW-5052 according to DIN EN 573-3, tolerances according to DIN EN 485-3 – *Item No. BCALB**** **STAINLESS STEEL (SS):** Band V4A, WNr: 1.4404, according to DIN EN 10088-2, tolerances according to DIN EN ISO 9445 – *Item No. BCSSB****
Universal Support Profile **Steel = FE** **Aluminium = AL**	**STEEL (FE):** 60 x 40mm, 6.0m Lengths – *Item No. BCFE6040* **ALUMINIUM (AL):** 60 x 40mm, 6.5m Lengths – *Item No. BCAL6040*
Elastic Modulus	**STEEL (FE):** 210,000 n/mm² **ALUMINIUM (AL):** 70,000 n/mm² **STAINLESS STEEL (SS):** 200,000 n/mm²
Coefficient of Thermal Expansion	**STEEL (FE):** 0.012 mm/m/˚C **ALUMINIUM (AL):** 0.024 mm/m/˚C **STAINLESS STEEL (SS):** 0.017 mm/m/˚C
System Depth Including 12mm Thermal Break	**STEEL (FE):** 83mm-952mm **ALUMINIUM (AL):** 83mm-952mm **STAINLESS STEEL (SS):** 83mm-652mm
Fire Performance of Bracket / Support Profile	Deemed-to-Satisfy Non-combustible as per NCC 2022, Clause C2D10(5)(b)&(d) – Entirely composed of steel/aluminium.
Thermal Break	**Material:** Hard Foamed PVC **Thermal Conductivity:** 0.06 W/mK **Thickness / R-value:** - 6mm Thick R0.1 as Standard - 12mm Thick R0.2 with added *Item No. BCTB6200* **Compressive Strength:** 10 N/mm² **Impact Resistance:** 15 kJ/m² **Fire Compliance:** Exempt as per NCC 2022 C2D10(4)(f)(ii)



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