

Roof & Wall Cladding — Profile Range

IBR, corrugated and wide-span profiles for southern African cladding

Four cladding profiles cover almost every southern African roof and wall specification. Use this sheet to compare geometry before choosing; the individual profile datasheets carry the full specification.

Compare the profiles

Profile	Ribs / corrugations	Pitch	Rib height	Effective cover
IBR 686	5 trapezoidal ribs	171.5 mm	36.5 – 37 mm	686 mm
Corrugated 8.5/76	8.5	76 mm	17.5 mm	610 or 700 mm (supplier dependent)
Corrugated 10.5/76	10.5	76 mm	17.5 mm	762 mm
Widespan / Widedek 760	5 trapezoidal ribs	191 mm	29 mm	760 / 762 mm

Common to all four profiles

Base metal thickness (BMT)	0.30 – 0.80 mm
Coating	Hot-dip galvanised Z200 / Z275 class — confirm for your order
Minimum roof pitch	7.5° (8.5/76 and 10.5/76: reference 7.5°; 10.5/76 rated to 15 m rafter length)
Fastening	Pierce-fixed through the pan or crest, side-lapped
Length	Cut to order

Widths that are often confused

686 mm is the standard IBR cover width. 890 mm is a genuine IBR variant used in some international projects (separate tooling).
762 mm is not an IBR width — it is the cover width of corrugated 10.5/76 and of Widespan / Widedek 760. Please state the profile family as well as the width.

Standards referenced

SANS 10400-L (roofs, South Africa) · SANS 10162 (cold-formed steel design, South Africa) · EN 508-1 (profiled steel sheet products) · EN 10346 (coated steel) · EN 1993-1-3 (cold-formed design) · AS/NZS 4600 (cold-formed design, Australia/NZ) · AISI S100 (cold-formed design, North America)

Need a quote? Tell us the profile, cover width, thickness, coating and total length or tonnage.

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