RELIANT
ROOFING SOLUTIONS
TECHNICAL PRODUCT SPECIFICATION

Roofing profiles | Tile-effect • Box-rib • Classic wave

TILE-EFFECT	BOX-RIB	CLASSIC WAVE
Milano Tile **Torino Tile**	**IT 5** **IT 4**	**Corrugated**

About this specification

This document presents the five roofing profiles in Reliant Roofing Solutions' product information format. The technical dimensions and gauge references below are transcribed from the supplied roofing catalogue photographs. Reliant is presented as the roofing solutions brand; this document does not imply that Reliant is the manufacturer of the sheets.

1. Published gauge and thickness options

Gauge	Thickness shown in supplied catalogue
30G	0.25 mm
28G	0.32 mm
26G	0.40 mm
24G	0.50 mm
22G	0.63 mm

Width availability stated in the supplied catalogue: 820–880 mm. The chart groups this availability across IT 5, IT 4, Corrugated, Maxcover, Torino Tile and Milano Tile. Confirm the exact available width for the selected profile and production batch before quotation.

2. Profile dimensions shown in catalogue drawings

Profile	Drawing dimensions visible	Reliant sales note
Corrugated	850 mm / 950 mm	Both labels retained as printed; confirm overall and effective cover width.
IT 4	850 mm / 900 mm	Both labels retained as printed; confirm overall and effective cover width.
IT 5	880 mm; section labels 160, 100, 60, 25 and 20 mm	Confirm overall and effective cover width with supplier/factory.
Milano Tile	850 mm / 920 mm; 196, 103, R25, R15, 25 and 7 mm	Confirm effective cover width and tile module.
Torino Tile	850 mm / 920 mm; 196, 103, R25, R15, 25 and 7 mm	Confirm effective cover width and tile module.

Width clarification: the general 820–880 mm availability range and the individual profile drawing labels (850, 900, 920 and 950 mm) are both retained because the catalogue does not explain whether these refer to overall width, nominal width, or effective cover width. Do not advertise a drawing label as effective cover width without confirmation.

3. Finish and colour

The supplied catalogue depicts coated steel roofing and multiple colour swatches. The individual colour names are not printed legibly in the supplied images. Finish and colour selection should therefore be confirmed against the current supplier colour chart and actual stock. The photographs do not specify metallic coating mass, paint chemistry, topcoat thickness or back-coat thickness.

4. Finished-sheet weight

The supplied catalogue does not state finished-sheet weight in kg/m² or kg/sheet. Reliant should request the confirmed weight for each profile, gauge and sheet length from the manufacturer or supplier. Do not quote a theoretical flat-steel weight as the finished profile weight: roll-forming changes developed sheet area and coatings also contribute mass.

MILANO TILE

TILE-EFFECT

Tile-inspired roofing profile for residential and architectural applications.

PRODUCT SPECIFICATION

Parameter	Specification
Thickness / gauges	30G – 0.25 mm; 28G – 0.32 mm; 26G – 0.40 mm; 24G – 0.50 mm; 22G – 0.63 mm. Confirm selected gauge on each order.
Width	850 mm / 920 mm labels shown in the profile drawing. Catalogue width-availability chart: 820–880 mm for tile profiles.
Profile geometry	Section labels: 196 mm, 103 mm, R25, R15, 25 mm and 7 mm.
Finish	Coated finish; choose colour subject to supplier colour chart and stock.
Finished-sheet weight	Not stated in supplied catalogue. Obtain supplier-confirmed kg/m² or kg/sheet for the selected profile, gauge and length.
Sheet length	Not stated in supplied catalogue. Confirm available standard lengths and cut-to-length options with supplier.
Application	Tile-inspired roofing profile for residential and architectural applications.

INSTALLATION GUIDANCE

• Install sheets with ribs or corrugations running from ridge to eaves, parallel to the roof slope.
• Set the first sheet square to the eaves and align subsequent sheets accurately.
• Use compatible roofing screws with sealing washers at fixing positions specified for the profile.
• Follow supplier instructions for side-lap, end-lap, roof pitch and purlin spacing; these values are not stated in the supplied catalogue.
• Fit compatible ridge caps, barge flashings, valleys and apron flashings as required.
• Remove drilling swarf and metal filings promptly. Avoid abrasive cutting discs unless expressly approved by the supplier.

TO CONFIRM BEFORE QUOTATION

Confirm the actual effective cover width, overall width, finished-sheet weight, coating specification, sheet-length range, minimum roof pitch, purlin spacing, side-lap/end-lap and approved fastener locations with the supplier or manufacturer.

TORINO TILE

TILE-EFFECT

Tile-inspired roofing profile for residential and architectural applications.

PRODUCT SPECIFICATION

Parameter	Specification
Thickness / gauges	30G – 0.25 mm; 28G – 0.32 mm; 26G – 0.40 mm; 24G – 0.50 mm; 22G – 0.63 mm. Confirm selected gauge on each order.
Width	850 mm / 920 mm labels shown in the profile drawing. Catalogue width-availability chart: 820–880 mm for tile profiles.
Profile geometry	Section labels: 196 mm, 103 mm, R25, R15, 25 mm and 7 mm.
Finish	Coated finish; choose colour subject to supplier colour chart and stock.
Finished-sheet weight	Not stated in supplied catalogue. Obtain supplier-confirmed kg/m² or kg/sheet for the selected profile, gauge and length.
Sheet length	Not stated in supplied catalogue. Confirm available standard lengths and cut-to-length options with supplier.
Application	Tile-inspired roofing profile for residential and architectural applications.

INSTALLATION GUIDANCE

• Install sheets with ribs or corrugations running from ridge to eaves, parallel to the roof slope.
• Set the first sheet square to the eaves and align subsequent sheets accurately.
• Use compatible roofing screws with sealing washers at fixing positions specified for the profile.
• Follow supplier instructions for side-lap, end-lap, roof pitch and purlin spacing; these values are not stated in the supplied catalogue.
• Fit compatible ridge caps, barge flashings, valleys and apron flashings as required.
• Remove drilling swarf and metal filings promptly. Avoid abrasive cutting discs unless expressly approved by the supplier.

TO CONFIRM BEFORE QUOTATION

Confirm the actual effective cover width, overall width, finished-sheet weight, coating specification, sheet-length range, minimum roof pitch, purlin spacing, side-lap/end-lap and approved fastener locations with the supplier or manufacturer.

IT 5

BOX-RIB

Box-rib roofing profile for residential, commercial and industrial roof applications.

PRODUCT SPECIFICATION

Parameter	Specification
Thickness / gauges	30G – 0.25 mm; 28G – 0.32 mm; 26G – 0.40 mm; 24G – 0.50 mm; 22G – 0.63 mm. Confirm selected gauge on each order.
Width	880 mm label shown in profile drawing. Catalogue width-availability chart: 820–880 mm.
Profile geometry	Section labels visible: 160 mm, 100 mm, 60 mm, 25 mm and 20 mm.
Finish	Coated finish; choose colour subject to supplier colour chart and stock.
Finished-sheet weight	Not stated in supplied catalogue. Obtain supplier-confirmed kg/m² or kg/sheet for the selected profile, gauge and length.
Sheet length	Not stated in supplied catalogue. Confirm available standard lengths and cut-to-length options with supplier.
Application	Box-rib roofing profile for residential, commercial and industrial roof applications.

INSTALLATION GUIDANCE

• Install sheets with ribs or corrugations running from ridge to eaves, parallel to the roof slope.
• Set the first sheet square to the eaves and align subsequent sheets accurately.
• Use compatible roofing screws with sealing washers at fixing positions specified for the profile.
• Follow supplier instructions for side-lap, end-lap, roof pitch and purlin spacing; these values are not stated in the supplied catalogue.
• Fit compatible ridge caps, barge flashings, valleys and apron flashings as required.
• Remove drilling swarf and metal filings promptly. Avoid abrasive cutting discs unless expressly approved by the supplier.

TO CONFIRM BEFORE QUOTATION

Confirm the actual effective cover width, overall width, finished-sheet weight, coating specification, sheet-length range, minimum roof pitch, purlin spacing, side-lap/end-lap and approved fastener locations with the supplier or manufacturer.

IT 4

BOX-RIB

Box-rib roofing profile for residential, commercial and industrial roof applications.

PRODUCT SPECIFICATION

Parameter	Specification
Thickness / gauges	30G – 0.25 mm; 28G – 0.32 mm; 26G – 0.40 mm; 24G – 0.50 mm; 22G – 0.63 mm. Confirm selected gauge on each order.
Width	850 mm / 900 mm labels shown in profile drawing. Catalogue width-availability chart: 820–880 mm.
Profile geometry	Section labels visible: 220 mm, 162 mm, 58 mm, 25 mm, 14.5 mm and 8.5 mm (verify against original factory drawing).
Finish	Coated finish; choose colour subject to supplier colour chart and stock.
Finished-sheet weight	Not stated in supplied catalogue. Obtain supplier-confirmed kg/m² or kg/sheet for the selected profile, gauge and length.
Sheet length	Not stated in supplied catalogue. Confirm available standard lengths and cut-to-length options with supplier.
Application	Box-rib roofing profile for residential, commercial and industrial roof applications.

INSTALLATION GUIDANCE

• Install sheets with ribs or corrugations running from ridge to eaves, parallel to the roof slope.
• Set the first sheet square to the eaves and align subsequent sheets accurately.
• Use compatible roofing screws with sealing washers at fixing positions specified for the profile.
• Follow supplier instructions for side-lap, end-lap, roof pitch and purlin spacing; these values are not stated in the supplied catalogue.
• Fit compatible ridge caps, barge flashings, valleys and apron flashings as required.
• Remove drilling swarf and metal filings promptly. Avoid abrasive cutting discs unless expressly approved by the supplier.

TO CONFIRM BEFORE QUOTATION

Confirm the actual effective cover width, overall width, finished-sheet weight, coating specification, sheet-length range, minimum roof pitch, purlin spacing, side-lap/end-lap and approved fastener locations with the supplier or manufacturer.

CORRUGATED

CLASSIC WAVE

Traditional corrugated profile for residential, agricultural and general-purpose roofing.

PRODUCT SPECIFICATION

Parameter	Specification
Thickness / gauges	30G – 0.25 mm; 28G – 0.32 mm; 26G – 0.40 mm; 24G – 0.50 mm; 22G – 0.63 mm. Confirm selected gauge on each order.
Width	850 mm / 950 mm labels shown in profile drawing. Catalogue width-availability chart: 820–880 mm.
Profile geometry	Corrugation section measurements are not legible enough in the supplied photograph for reliable transcription.
Finish	Coated finish; choose colour subject to supplier colour chart and stock.
Finished-sheet weight	Not stated in supplied catalogue. Obtain supplier-confirmed kg/m² or kg/sheet for the selected profile, gauge and length.
Sheet length	Not stated in supplied catalogue. Confirm available standard lengths and cut-to-length options with supplier.
Application	Traditional corrugated profile for residential, agricultural and general-purpose roofing.

INSTALLATION GUIDANCE

• Install sheets with ribs or corrugations running from ridge to eaves, parallel to the roof slope.
• Set the first sheet square to the eaves and align subsequent sheets accurately.
• Use compatible roofing screws with sealing washers at fixing positions specified for the profile.
• Follow supplier instructions for side-lap, end-lap, roof pitch and purlin spacing; these values are not stated in the supplied catalogue.
• Fit compatible ridge caps, barge flashings, valleys and apron flashings as required.
• Remove drilling swarf and metal filings promptly. Avoid abrasive cutting discs unless expressly approved by the supplier.

TO CONFIRM BEFORE QUOTATION

Confirm the actual effective cover width, overall width, finished-sheet weight, coating specification, sheet-length range, minimum roof pitch, purlin spacing, side-lap/end-lap and approved fastener locations with the supplier or manufacturer.

RELIANT ROOFING SOLUTIONS

CUSTOMER & CONTRACTOR TECHNICAL NOTES

For accurate material estimation, roof measurements should be based on the profile's confirmed effective cover width, not overall sheet width. Allow for roof pitch, overhangs, laps, valleys, hips, ridges and wastage when preparing a bill of quantities. Structural design, purlin spacing and fastener selection must be checked for the building's location, wind exposure, roof geometry and applicable engineering requirements.

DOCUMENT STATUS & DISCLAIMER

Prepared for Reliant Roofing Solutions using the supplied catalogue photographs as the source for gauge, thickness and visible profile dimensions. Information not stated or clearly readable in the source is identified as requiring supplier confirmation. This document is a sales-support technical information draft, not a manufacturer's certified data sheet, structural design, warranty statement or installation manual. Obtain written technical confirmation before publishing guaranteed performance values or issuing project specifications.

Brand presentation: Reliant Roofing Solutions | Premium roofing solutions | Mwanza, Tanzania
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