



TECHNICAL PUBLICATION | CURRENT PRODUCTS

Current Product and Material Data Guide

A source-bounded reference for panel geometry, common steel gauges, broader project supply, colour references and lot-specific material facts.

TS-DAT-210
Issue 01 | Revision 04
2026-09-11

Products covered
TerraGroove 300 | TS-S300-VG
TerraLap 200 | TS-S200-LP
TerraCrest 100 | TS-S500-CR
TerraCrest 200 | TS-R100-RF



Cover figure. TerraGroove 300 product render. Basis: real 3D product render, visual identification only. Source: Terrashield technical asset library.

How to use this guide

Read product geometry separately from material source facts. Confirm project-order options before specification, quotation, fabrication, or installation.

SOURCE HIERARCHY

1. Accepted order and project-specific approved records. 2. Applicable material certificate and traceability records. 3. This Issue 01 guide. 4. Marketing or catalogue descriptions. Where records differ, the more specific accepted project and material record controls.

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5	TerraLap 200 TS-S200-LP	Verified profile geometry and horizontal wall use
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8	Material record, finishes, ordering, limitations and revision	Source-specific closeout reference

Evidence boundaries

This guide identifies	This guide does not establish
Canonical names and product codes	Assembly performance, suitability, or code compliance
Dimensions shown on actual source profile drawings	Loads, spans, support spacing, fastener locations, or attachment schedules
Common profile gauges and project supply review	Production or inventory without accepted order confirmation
Lot-specific Core material facts	Resin chemistry, AAMA 2605, fire, service life, or warranty

Supply and forming review

22, 24 and 26 gauge are common steel gauges, not universal production limits. Supply availability does not establish suitability for every profile.

Product	Code	Common steel gauges	Use / release boundary
TerraGroove 300	TS-S300-VG	24 / 26ga	Horizontal or vertical wall planning
TerraLap 200	TS-S200-LP	24 / 26ga	Horizontal wall-course planning
TerraCrest 100	TS-S500-CR	22 / 24 / 26ga	Roof use requires engineered project scope
TerraCrest 200	TS-R100-RF	22 / 24 / 26ga	Roof use requires engineered project scope
Standard trim	Order-specific	24 / 26ga	Confirm exact material and forming compatibility

BROADER SUPPLY IS DISCRETE

The reviewed steel supply list includes selected 18ga SMP, 22ga PVDF/SMP, 24ga PVDF/SMP (including prints), 26ga SMP and 31ga polyester options. These are selected combinations, not a continuous gauge range or approval for all profiles. The listed 30ga polyester option is discontinued once remaining availability is sold out.

MATERIAL AND FORMING GATE

Confirm exact substrate, decimal base metal thickness (BMT) and tolerances, finish, dimensions, profile/forming compatibility, quantity and accepted order before production. A gauge label is not a decimal thickness specification. Do not transfer the Core lot values to another source or lot.

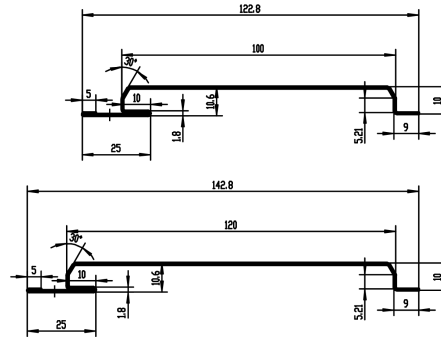
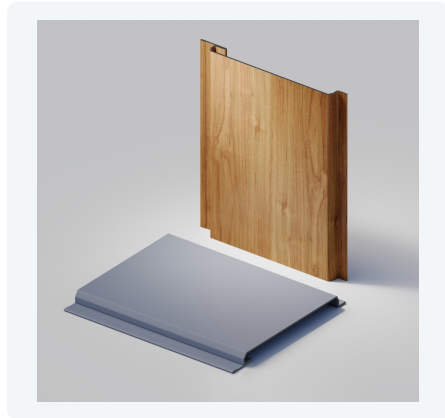
OTHER MATERIALS

Aluminium supply combinations require separate project review. Other metal thicknesses may be considered by project enquiry; this is not a claim of additional finished products. Actual zinc is a distinct material specified in millimetres, not steel gauge. Its exact thickness and forming, interface and care requirements need project-specific acceptance.

Confirm material documentation, finish reference, quantity and schedule with the accepted order. No stock, lead-time or profile-compatibility guarantee is created by a catalogue listing.

TerraGroove 300

TS-S300-VG | Current product | Horizontal or vertical wall planning



Figures 1A and 1B. TerraGroove 300 product render and actual dimensioned source profile drawing. Basis: real 3D render for visual identification and source drawing for geometry. Source: Terrashield technical asset library. Drawing dimensions are millimetres unless shown otherwise.

Verified profile geometry

Dimension	Source value
Formed width	122.8 or 142.8 mm
Face width	100 or 120 mm
Feed width	150 or 170 mm
Profile depth	10.6 mm
Corner angle	30 degrees

Gauge and use

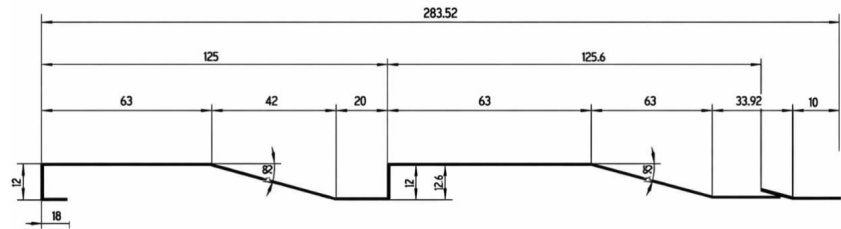
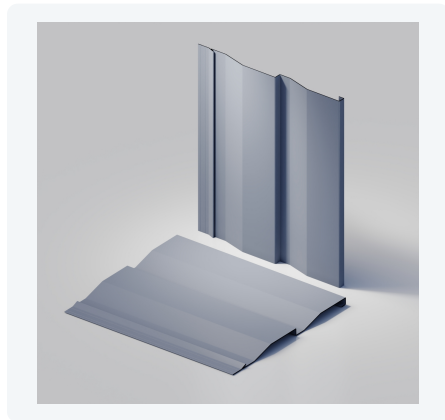
Material release	Common steel gauges	Use boundary
Project confirmation	24/26ga	Horizontal or vertical wall planning

GEOMETRY ONLY

Other supply options require material and forming review; these gauges are not a universal limit. Profile dimensions identify geometry only. They do not establish usable span, support spacing, lap or joint construction, fastener type or location, attachment, loads, fire performance, weathertightness, or assembly performance. Horizontal or vertical orientation may be planned; the project detail must define the assembly.

TerraLap 200

TS-S200-LP | Current product | Horizontal wall-course product



Figures 2A and 2B. TerraLap 200 product render and actual dimensioned source profile drawing. Basis: real 3D render for visual identification and source drawing for geometry. Source: Terrashield technical asset library. Drawing dimensions are millimetres unless shown otherwise.

Verified profile geometry

Dimension	Source value
Formed width	283.52 mm
Feed width	330 mm
Profile depth	12 mm
Flat top	63 mm
Slope angle	15.95 degrees

Gauge and use

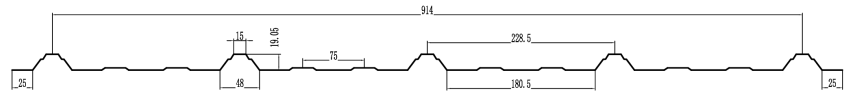
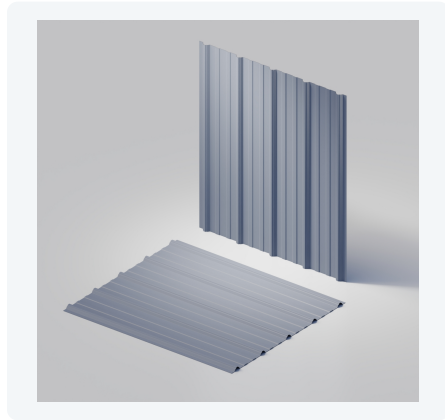
Material release	Common steel gauges	Use boundary
Project confirmation	24/26ga	Horizontal wall-course product

GEOMETRY ONLY

Other supply options require material and forming review; these gauges are not a universal limit. Profile dimensions identify geometry only. They do not establish usable span, support spacing, lap or joint construction, fastener type or location, attachment, loads, fire performance, weathertightness, or assembly performance. Use as a horizontal wall-course product unless a separate project-specific design is issued.

TerraCrest 100

TS-S500-CR | Current product | Wall planning; roof use is engineered-project scope



Figures 3A and 3B. TerraCrest 100 product render and actual dimensioned source profile drawing. Basis: real 3D render for visual identification and source drawing for geometry. Source: Terrashield technical asset library. Drawing dimensions are millimetres unless shown otherwise.

Verified profile geometry

Dimension	Source value
Coverage	914 mm
Feed width	1090 mm
Profile depth	19.05 mm
Major-rib spacing	228.6 mm (9 in.)
Rib top / base	15 mm / 48 mm
Edge details	25 mm

Gauge and use

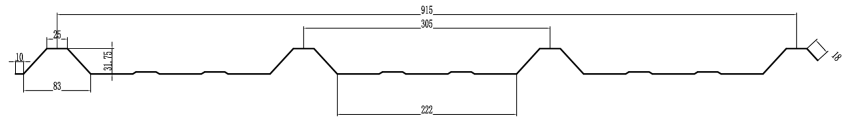
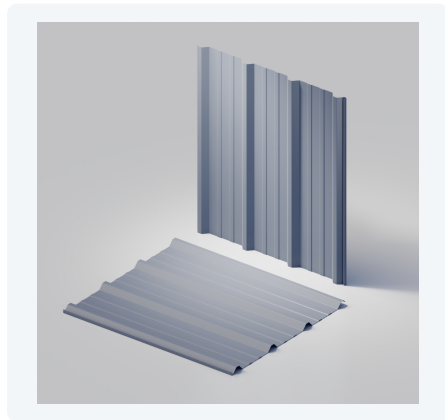
Material release	Common steel gauges	Use boundary
Project confirmation	22/24/26ga	Wall planning; roof use is engineered-project scope

GEOMETRY ONLY

Other supply options require material and forming review; these gauges are not a universal limit. Profile dimensions identify geometry only. They do not establish usable span, support spacing, lap or joint construction, fastener type or location, attachment, loads, fire performance, weathertightness, or assembly performance. Roof use requires project-specific engineering and approved construction details.

TerraCrest 200

TS-R100-RF | Current product | Wall planning; roof use is engineered-project scope



Figures 4A and 4B. TerraCrest 200 product render and actual dimensioned source profile drawing. Basis: real 3D render for visual identification and source drawing for geometry. Source: Terrashield technical asset library. Drawing dimensions are millimetres unless shown otherwise.

Verified profile geometry

Dimension	Source value
Nominal coverage	915 mm
Feed width	1090 mm
Profile depth	31.75 mm
Major-rib spacing	305 mm (12 in.)
Flat width	222 mm
Edge/rib details	25, 10, 83 and 18 mm

Gauge and use

Material release	Common steel gauges	Use boundary
Project confirmation	22/24/26ga	Wall planning; roof use is engineered-project scope

GEOMETRY ONLY

Other supply options require material and forming review; these gauges are not a universal limit. Profile dimensions identify geometry only. They do not establish usable span, support spacing, lap or joint construction, fastener type or location, attachment, loads, fire performance, weathertightness, or assembly performance. Roof use requires project-specific engineering and approved construction details.

Materials and colour references

Confirm the exact material and finish in the accepted order; appearance alone does not establish coating chemistry or warranty eligibility.

Reference	Scope and boundary
Core lot only	The 2026-08-17 material record reports 26ga steel, 0.48 mm BMT / 0.52 mm TCT, 70% PVDF and ASTM A792-AZ150. These values apply only to that documented Core lot, not other supply sources or new lots.
Core names	Ice White; Cream White; Foundry Grey (legacy Grey / Gray); Amberwood (legacy Wood-Grain). Names changed, not the existing grey tone or warm printed appearance. Amberwood is not a wood species.
Colour catalogue	101 public references: 4 Core + 93 other steel + 4 actual zinc. These are appearance references, not 101 stocked products. Review physical samples and the exact order specification.
Actual zinc	A distinct material, not steel paint. No automatic PVDF/SMP warranty applies. Confirm material, millimetre thickness, finish, forming and compatible care separately.

Colour catalogue: terrashield.ca/coatings/colours

ORDERING AND TRACEABILITY

Identify product/code, application, exact substrate, gauge where relevant, decimal BMT/tolerances, finish reference, dimensions, forming compatibility, quantity, location, schedule, accessories and material/batch records. The accepted order controls production. The supply list has no 26ga PVDF entry; this does not invalidate the separately documented Core lot.

Material records do not independently establish resin chemistry or AAMA 2605 compliance, assembly performance, service life, fire performance, loads, spans, fastening, code compliance, weathertightness or warranty. Confirm lot traceability. Roof structural design remains project-specific. Coverage is only as accepted under TS-WAR-100 and the signed certificate; no new coverage is granted here.

Related: TS-WAR-100 Warranty; TS-CAR-200 Care; TS-INS-300 Architectural wall planning; TS-INS-310 TerraCrest project planning.

Revision register

Revision	Date	Description	Authority
00	2026-09-03	Original Issue 01 publication	Terrashield Metals
01	2026-09-04	Warranty cross-reference	Terrashield Metals
02	2026-09-04	Conditional coating/product warranty cross-reference	Terrashield Metals
03	2026-09-04	Official logo; technical data unchanged	Terrashield Metals
04	2026-09-11	Supply, Core names and material boundaries; policy unchanged	Terrashield Metals