WinstoneMetals

Ningbo Winstone Industrial Technology Co., Ltd.

winstonemetals.com



COMPLETE PRODUCT CATALOG

Construction Access, Structures & Infrastructure

7 PRODUCT SYSTEMS / 139 CATALOG ENTRIES

Seven systems. One project partner.

WinstoneMetals is the product brand of Ningbo Winstone Industrial Technology Co., Ltd. We organize construction access, structural components and infrastructure materials for distributors, contractors and project procurement teams. Images show reference configurations; final dimensions and supply are confirmed in the quotation.



01 Scaffolding Systems

Frames, ringlock, cuplock, access and system accessories.



02 Shoring & Formwork Systems

Adjustable supports, steel forms and concrete forming accessories.



03 Permanent Steel Fencing & Gates

Picket fencing, farm gates, tubular panels and mounting hardware.



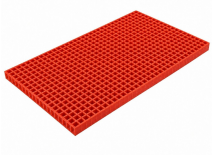
04 Independent Steel Platforms & Stairs

Freestanding access structures, plate treads and landings.



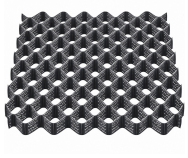
05 Fabricated Structural Steel Components

Build-to-drawing beams, columns, frames and connections.



06 FRP Grating & Stair Treads

Molded and pultruded grating, tread products and fixing clips.



07 Geosynthetics & Erosion Control

Separation, reinforcement, liners, erosion and sediment control.

Manufacturing & quality coordination

01 Material & configuration

Confirm grades, dimensions, connection details and finish against the approved order.

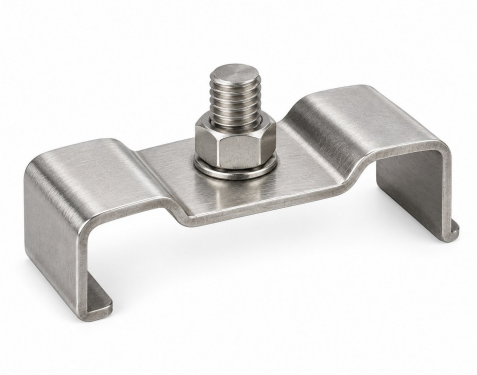


02 Fabrication planning

Coordinate cutting, drilling, forming, welding and assembly around critical interfaces.

03 Inspection & verification

Agree dimensional, coating and traceability checks; define required load or functional testing by product.



04 Release & records

Match part numbers, drawing revisions, inspection records and package labels before shipment.

01 Scaffolding Systems

Frames, ringlock, cuplock, access and system accessories.

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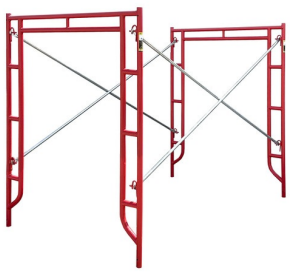



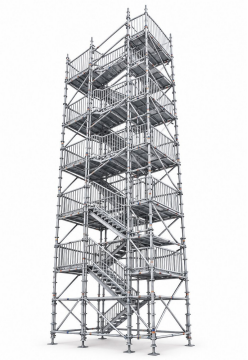

01 Scaffolding Systems

Frames, ringlock, cuplock, access and system accessories.

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01 Scaffolding Systems

Frames, ringlock, cuplock, access and system accessories.

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01 Scaffolding Systems

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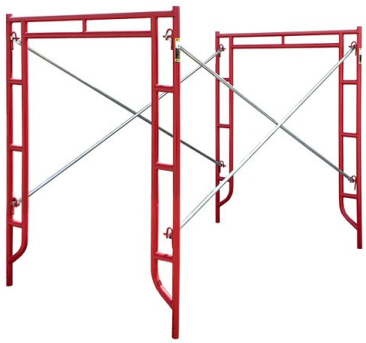
Frame scaffolds & mobile towers

WI-A001

Walk-through frame, 5 ft



TYPICAL CONFIGURATION

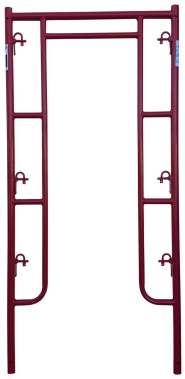
5 ft x 6 ft 7 in (1524 x 2007 mm)

ORDER DETAILS

Verify fit, bracing, permissible extension and rated load in the assembled configuration.

WI-A002

Walk-through frame, 3 ft



TYPICAL CONFIGURATION

3 ft x 6 ft 7 in (914 x 2007 mm)

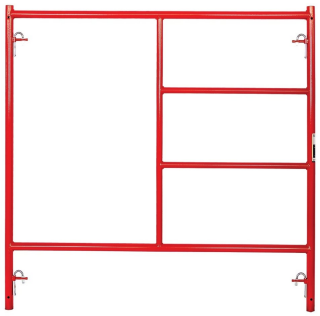
ORDER DETAILS

Verify fit, bracing, permissible extension and rated load in the assembled configuration.

Frame scaffolds & mobile towers

WI-A003

Double-ladder scaffold frame



TYPICAL CONFIGURATION

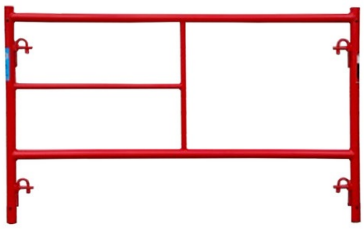
5 ft x 5 ft 1 in (1524 x 1549 mm)

ORDER DETAILS

Verify fit, bracing, permissible extension and rated load in the assembled configuration.

WI-A004

Half-height ladder frame



TYPICAL CONFIGURATION

5 ft x 3 ft 1 in (1524 x 940 mm)

ORDER DETAILS

Verify fit, bracing, permissible extension and rated load in the assembled configuration.

Frame scaffolds & mobile towers

WI-A005

Mobile interior scaffold



TYPICAL CONFIGURATION

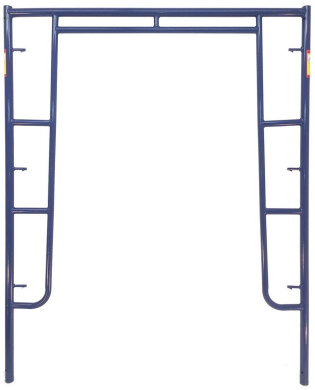
6 ft long; 29 in wide (1829 x 737 mm)

ORDER DETAILS

Verify fit, bracing, permissible extension and rated load in the assembled configuration.

WI-A046

Masonry walk-through frame, 5 ft x 6 ft 4 in



TYPICAL CONFIGURATION

5 ft x 6 ft 4 in (1524 x 1930 mm)

ORDER DETAILS

Confirm tube / lock geometry, connections, assembly layout and rated load for the complete matched system.

Frame scaffolds & mobile towers

WI-A047

Double-box / triple-ladder frame set



TYPICAL CONFIGURATION

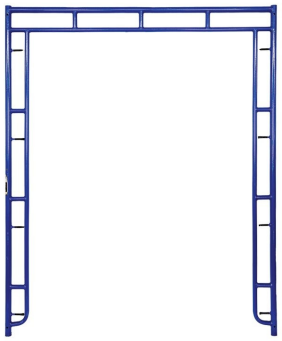
5 ft x 6 ft 4 in (1524 x 1930 mm); frame pair and cross braces

ORDER DETAILS

Confirm tube / lock geometry, connections, assembly layout and rated load for the complete matched system.

WI-A048

Sidewalk canopy scaffold frame



TYPICAL CONFIGURATION

6 ft x 7 ft 6 in (1829 x 2286 mm); canopy deck designed separately

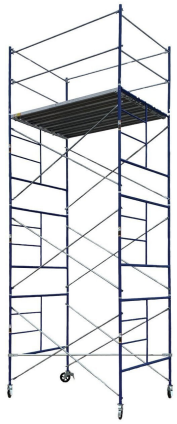
ORDER DETAILS

Canopy loading, deck construction, clear passage, ties and local permitting are project-specific.

Frame scaffolds & mobile towers

WI-A049

Full-size rolling scaffold tower



TYPICAL CONFIGURATION

Reference platform 5 ft x 7 ft (1524 x 2134 mm); height by approved layout

ORDER DETAILS

Confirm tower height, base width, caster locks, bracing and restraint requirements in the approved mobile-scaffold layout.

WI-A050

Baker scaffold outrigger set



TYPICAL CONFIGURATION

15 in (381 mm) reference projection; four-piece set

ORDER DETAILS

Confirm tower height, base width, caster locks, bracing and restraint requirements in the approved mobile-scaffold layout.

Frame scaffolds & mobile towers

WI-A051

Baker scaffold guardrail assembly



TYPICAL CONFIGURATION

For nominal 6 ft (1829 mm) Baker units; gates and toe guards

ORDER DETAILS

Confirm tube / lock geometry, connections, assembly layout and rated load for the complete matched system.

WI-A079

Veneer jack masonry scaffold



TYPICAL CONFIGURATION

Reference platform adjustment 22-49 in (559-1245 mm); planks selected separately

ORDER DETAILS

Confirm tube / lock geometry, connections, assembly layout and rated load for the complete matched system.

Decks, ladders & stair access

WI-A017

Steel scaffold plank



TYPICAL CONFIGURATION

9 in x 7 ft (229 x 2134 mm)

ORDER DETAILS

Verify fit, bracing, permissible extension and rated load in the assembled configuration.

WI-A018

Extendable aluminum plank



TYPICAL CONFIGURATION

Extension range and overlap: select a tested model

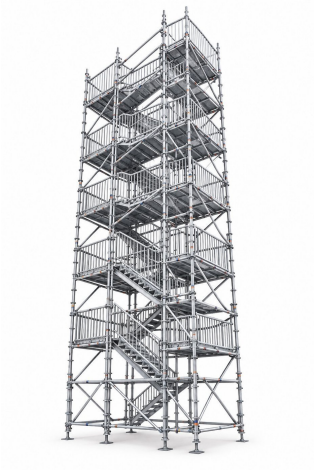
ORDER DETAILS

Verify fit, bracing, permissible extension and rated load in the assembled configuration.

Decks, ladders & stair access

WI-A019

Modular scaffold stair tower



TYPICAL CONFIGURATION

Tower height, bay dimensions and anchorage: engineered to site

ORDER DETAILS

Verify fit, bracing, permissible extension and rated load in the assembled configuration.

WI-A029

Scaffold stair tread assembly



TYPICAL CONFIGURATION

3 ft 6 in x 7 ft reference bay (1067 x 2134 mm)

ORDER DETAILS

Verify fit, bracing, permissible extension and rated load in the assembled configuration.

Decks, ladders & stair access

WI-A052

All-aluminum hook-on walkboard



TYPICAL CONFIGURATION

Typical nominal lengths 7 / 10 ft (2134 / 3048 mm); reference width 19 in (483 mm)

ORDER DETAILS

Confirm clear support span, hooks, uplift restraint and load-deflection data for the selected deck.

WI-A053

Aluminum / plywood walkboard



TYPICAL CONFIGURATION

Typical nominal lengths 7 / 10 ft (2134 / 3048 mm); reference width 19 in (483 mm)

ORDER DETAILS

Confirm clear support span, hooks, uplift restraint and load-deflection data for the selected deck.

Decks, ladders & stair access

WI-A054

Baker scaffold access-hatch deck



TYPICAL CONFIGURATION

For nominal 6 ft (1829 mm) units; hinged plywood access hatch

ORDER DETAILS

Confirm clear support span, hooks, uplift restraint and load-deflection data for the selected deck.

WI-A055

Scaffold-grade solid timber plank



TYPICAL CONFIGURATION

Typical lengths 8 / 10 / 12 / 16 ft (2438 / 3048 / 3658 / 4877 mm)

ORDER DETAILS

Confirm clear support span, hook / bearing details, uplift restraint and load-deflection data. Timber requires scaffold-grade verification.

Decks, ladders & stair access

WI-A058

System scaffold steel access ladder



TYPICAL CONFIGURATION

Reference width 17 in (432 mm); lengths 3 / 10 ft (914 / 3048 mm)

ORDER DETAILS

Confirm ladder / stair geometry, attachment spacing, landings, access openings and compatible guardrails.

WI-A059

System scaffold ladder bracket



TYPICAL CONFIGURATION

For reference 17 in (432 mm) ladder width; clamp size by system

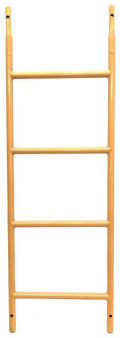
ORDER DETAILS

Confirm ladder / stair geometry, attachment spacing, landings, access openings and compatible guardrails.

Decks, ladders & stair access

WI-A061

Frame scaffold attachable ladder



TYPICAL CONFIGURATION

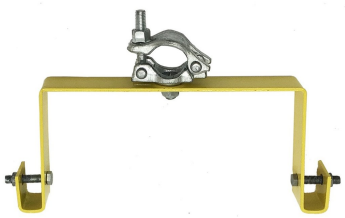
Typical section lengths 3 / 6 ft (914 / 1829 mm)

ORDER DETAILS

Confirm ladder / stair geometry, attachment spacing, landings, access openings and compatible guardrails.

WI-A062

Bolt-on ladder mounting bracket



TYPICAL CONFIGURATION

Ladder rail spacing, stand-off and tube clamp opening matched to assembly

ORDER DETAILS

Confirm ladder / stair geometry, attachment spacing, landings, access openings and compatible guardrails.

Decks, ladders & stair access

WI-A077

Frame scaffold internal stair unit



TYPICAL CONFIGURATION

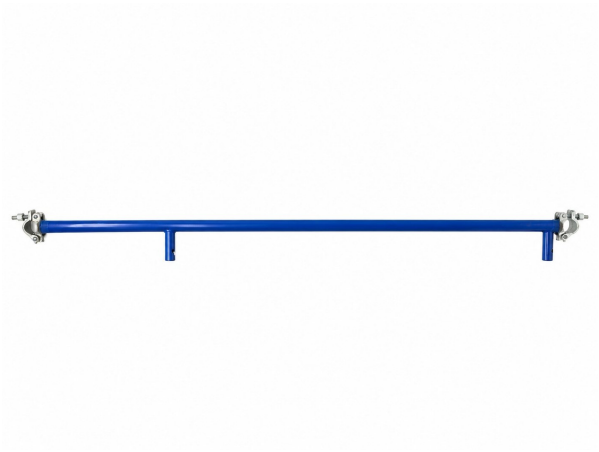
For reference 5 ft x 6 ft 4 in (1524 x 1930 mm) frames; stair bay by layout

ORDER DETAILS

Confirm ladder / stair geometry, attachment spacing, landings, access openings and compatible guardrails.

WI-A078

Internal scaffold stair top rail



TYPICAL CONFIGURATION

7 ft (2134 mm) reference bay; clamps and rail position by stair assembly

ORDER DETAILS

Confirm ladder / stair geometry, attachment spacing, landings, access openings and compatible guardrails.

Ringlock & cuplock components

WI-A020

Ringlock horizontal ledger



TYPICAL CONFIGURATION

Bay length and end casting: matched to system

ORDER DETAILS

Verify fit, bracing, permissible extension and rated load in the assembled configuration.

WI-A021

Ringlock diagonal brace



TYPICAL CONFIGURATION

8 ft bay x 6 ft 6 in lift (2438 x 1981 mm)

ORDER DETAILS

Verify fit, bracing, permissible extension and rated load in the assembled configuration.

Ringlock & cuplock components

WI-A022

Ringlock board bracket



TYPICAL CONFIGURATION

Projection and plank width: project-specific

ORDER DETAILS

Verify fit, bracing, permissible extension and rated load in the assembled configuration.

WI-A023

Ringlock double ledger



TYPICAL CONFIGURATION

Bay length and beam spacing: project-specific

ORDER DETAILS

Verify fit, bracing, permissible extension and rated load in the assembled configuration.

Ringlock & cuplock components

WI-A024

Scaffold stair stringer



TYPICAL CONFIGURATION

7 ft nominal bay length (2134 mm)

ORDER DETAILS

Verify fit, bracing, permissible extension and rated load in the assembled configuration.

WI-A025

Ringlock guardrail standard



TYPICAL CONFIGURATION

Rosette position and top-rail height: project-specific

ORDER DETAILS

Verify fit, bracing, permissible extension and rated load in the assembled configuration.

Ringlock & cuplock components

WI-A026

Ringlock caster adapter



TYPICAL CONFIGURATION

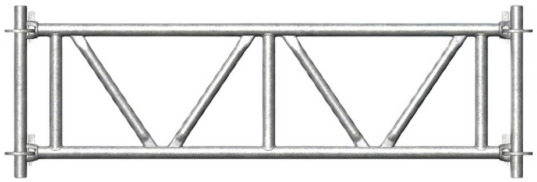
Socket, stem and pin dimensions: matched set

ORDER DETAILS

Verify fit, bracing, permissible extension and rated load in the assembled configuration.

WI-A027

Scaffold lattice girder



TYPICAL CONFIGURATION

Span, chord depth and connection: engineered selection

ORDER DETAILS

Verify fit, bracing, permissible extension and rated load in the assembled configuration.

Ringlock & cuplock components

WI-A028

Ringlock screw jack



TYPICAL CONFIGURATION

Thread, base plate and maximum extension: system-specific

ORDER DETAILS

Verify fit, bracing, permissible extension and rated load in the assembled configuration.

WI-A056

Ringlock load-bearing standard



TYPICAL CONFIGURATION

Approx. 1 ft 8 in to 9 ft 10 in (0.5-3.0 m); 0.5 m module increments

ORDER DETAILS

Confirm tube / lock geometry, connections, assembly layout and rated load for the complete matched system.

Ringlock & cuplock components

WI-A057

Ringlock starter / base collar



TYPICAL CONFIGURATION

Single base rosette; sleeve and jack interface matched to the selected system

ORDER DETAILS

Confirm tube / lock geometry, connections, assembly layout and rated load for the complete matched system.

WI-A060

Swivel-clamp scaffold brace



TYPICAL CONFIGURATION

Brace length and end-clamp diameter by bay geometry and tube schedule

ORDER DETAILS

Confirm tube / lock geometry, connections, assembly layout and rated load for the complete matched system.

Ringlock & cuplock components

WI-A080

Cuplock vertical standard



TYPICAL CONFIGURATION

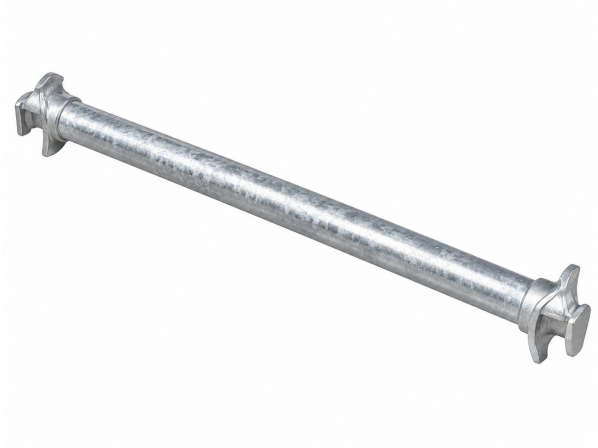
Approx. 1 ft 8 in to 9 ft 10 in (0.5-3.0 m); cups at 19.7 in (500 mm) modules

ORDER DETAILS

Confirm cup geometry, member length and complete-system compatibility. Braces, transoms, bases and access are specified separately; this component is not a complete scaffold system.

WI-A081

Cuplock horizontal ledger



TYPICAL CONFIGURATION

Typical nominal bays 3 / 5 / 7 / 10 ft (914 / 1524 / 2134 / 3048 mm)

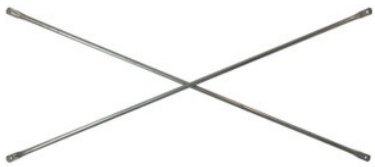
ORDER DETAILS

Confirm cup geometry, member length and complete-system compatibility. Braces, transoms, bases and access are specified separately; this component is not a complete scaffold system.

Bracing, brackets & edge protection

WI-A006

Angle-iron cross brace



TYPICAL CONFIGURATION

1-1/4 x 1-1/4 x 1/8 in angle (31.8 x 31.8 x 3.2 mm)

ORDER DETAILS

Verify fit, bracing, permissible extension and rated load in the assembled configuration.

WI-A007

Fixed scaffold base plate



TYPICAL CONFIGURATION

5 x 5 in plate; 1-7/16 in stem (127 x 127; 36.5 mm)

ORDER DETAILS

Verify fit, bracing, permissible extension and rated load in the assembled configuration.

Bracing, brackets & edge protection

WI-A008

Adjustable base jack



TYPICAL CONFIGURATION

1-3/8 in stem; approx. 24 in overall (34.9; 610 mm)

ORDER DETAILS

Verify fit, bracing, permissible extension and rated load in the assembled configuration.

WI-A009

Swivel base jack



TYPICAL CONFIGURATION

1-1/4 in screw diameter (31.8 mm)

ORDER DETAILS

Verify fit, bracing, permissible extension and rated load in the assembled configuration.

Bracing, brackets & edge protection

WI-A013

Guardrail line post



TYPICAL CONFIGURATION

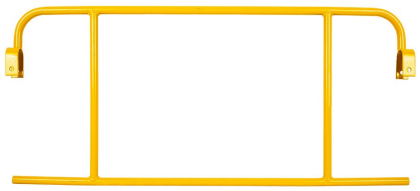
Post height and socket interface: matched to guardrail system

ORDER DETAILS

Verify fit, bracing, permissible extension and rated load in the assembled configuration.

WI-A014

Guardrail end panel



TYPICAL CONFIGURATION

5 ft nominal width (1524 mm)

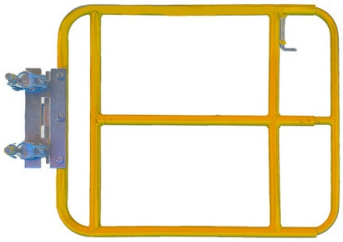
ORDER DETAILS

Verify fit, bracing, permissible extension and rated load in the assembled configuration.

Bracing, brackets & edge protection

WI-A015

Adjustable access gate



TYPICAL CONFIGURATION

3 ft nominal (914 mm); opening and latch by design

ORDER DETAILS

Verify fit, bracing, permissible extension and rated load in the assembled configuration.

WI-A016

Locking scaffold caster



TYPICAL CONFIGURATION

8 in wheel diameter (203 mm)

ORDER DETAILS

Verify fit, bracing, permissible extension and rated load in the assembled configuration.

Bracing, brackets & edge protection

WI-A063

Frame scaffold outrigger



TYPICAL CONFIGURATION

30 in (762 mm) reference projection; jack or caster interface by selection

ORDER DETAILS

Confirm tower height, base width, caster locks, bracing and restraint requirements in the approved mobile-scaffold layout.

WI-A064

Two-board scaffold side bracket



TYPICAL CONFIGURATION

21 in (533 mm) reference projection; two-board layout

ORDER DETAILS

Project-specific loads, eccentricity, anchors and member forces require engineering review; verify connection fit.

Bracing, brackets & edge protection

WI-A065

Clamp-on scaffold end bracket



TYPICAL CONFIGURATION

20 in (508 mm) reference projection; angle-steel construction

ORDER DETAILS

Project-specific loads, eccentricity, anchors and member forces require engineering review; verify connection fit.

WI-A066

Adjustable scaffold side bracket



TYPICAL CONFIGURATION

20-30 in (508-762 mm) reference adjustment range

ORDER DETAILS

Project-specific loads, eccentricity, anchors and member forces require engineering review; verify connection fit.

Bracing, brackets & edge protection

WI-A067

Swivel scaffold coupler



TYPICAL CONFIGURATION

Nominal 2 in x 2 in class; verify actual tube OD and clamp range

ORDER DETAILS

Confirm tube / lock geometry, connections, assembly layout and rated load for the complete matched system.

WI-A068

Rigid scaffold beam clamp



TYPICAL CONFIGURATION

Nominal 2 in tube-clamp class; flange opening by selected model

ORDER DETAILS

Project-specific loads, eccentricity, anchors and member forces require engineering review; verify connection fit.

Bracing, brackets & edge protection

WI-A069

Swivel scaffold beam clamp



TYPICAL CONFIGURATION

Nominal 2 in tube-clamp class; rotating tube-to-beam connection

ORDER DETAILS

Project-specific loads, eccentricity, anchors and member forces require engineering review; verify connection fit.

WI-A070

Adjustable steel wall brace



TYPICAL CONFIGURATION

Reference extension families 14-23 / 22-39 ft (4.27-7.01 / 6.71-11.89 m)

ORDER DETAILS

Project-specific loads, eccentricity, anchors and member forces require engineering review; verify connection fit.

Bracing, brackets & edge protection

WI-A071

Tubular scaffold guardrail

TYPICAL CONFIGURATION

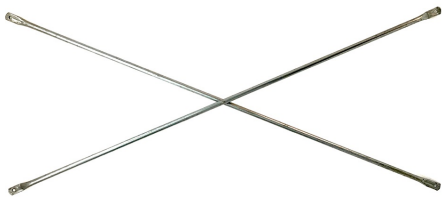
Typical nominal lengths 3 / 5 / 7 / 10 ft (914 / 1524 / 2134 / 3048 mm)

ORDER DETAILS

Confirm tube / lock geometry, connections, assembly layout and rated load for the complete matched system.

WI-A072

Tubular scaffold cross brace



TYPICAL CONFIGURATION

Reference bay x pin spread: 7 ft x 4 ft (2134 x 1219 mm)

ORDER DETAILS

Confirm tube / lock geometry, connections, assembly layout and rated load for the complete matched system.

Bracing, brackets & edge protection

WI-A082

Steel scaffold toe board



TYPICAL CONFIGURATION

Typical 7 ft (2134 mm) bay option; height, end fixings and corner details by system

ORDER DETAILS

Confirm tube / lock geometry, connections, assembly layout and rated load for the complete matched system.

Connections & handling accessories

WI-A010

Frame coupling pin



TYPICAL CONFIGURATION

9 x 1-1/4 in; 1 in collar (229 x 31.8; 25.4 mm)

ORDER DETAILS

Verify fit, bracing, permissible extension and rated load in the assembled configuration.

WI-A011

Pigtail locking pin



TYPICAL CONFIGURATION

Pin diameter and effective reach: matched to connection

ORDER DETAILS

Verify fit, bracing, permissible extension and rated load in the assembled configuration.

Connections & handling accessories

WI-A012

Spring retaining clip



TYPICAL CONFIGURATION

Clip profile and hole spacing: matched to frame

ORDER DETAILS

Verify fit, bracing, permissible extension and rated load in the assembled configuration.

WI-A030

Scaffold transport rack



TYPICAL CONFIGURATION

25-frame reference rack; stack limits to be confirmed

ORDER DETAILS

Verify fit, bracing, permissible extension and rated load in the assembled configuration.

Connections & handling accessories

WI-A034

Scaffold half coupler



TYPICAL CONFIGURATION

2 in nominal tube connection (50.8 mm); verify actual OD

ORDER DETAILS

Verify fit, bracing, permissible extension and rated load in the assembled configuration.

WI-A035

Right-angle scaffold coupler



TYPICAL CONFIGURATION

2 x 2 in nominal connection (50.8 x 50.8 mm)

ORDER DETAILS

Verify fit, bracing, permissible extension and rated load in the assembled configuration.

Connections & handling accessories

WI-A036

Putlog lattice beam



TYPICAL CONFIGURATION

8, 12, 16 ft reference spans (2.44, 3.66, 4.88 m)

ORDER DETAILS

Verify fit, bracing, permissible extension and rated load in the assembled configuration.

WI-A073

Scaffold toggle locking pin



TYPICAL CONFIGURATION

Reference 3-1/2 in length x 5/16 in diameter (89 x 7.9 mm)

ORDER DETAILS

Confirm tube / lock geometry, connections, assembly layout and rated load for the complete matched system.

Connections & handling accessories

WI-A074

Scaffold span / wire-lock pin



TYPICAL CONFIGURATION

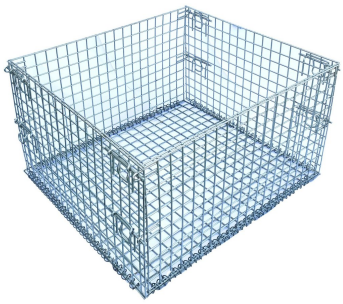
Reference pin diameter 5/16 in (7.9 mm); working length by joint

ORDER DETAILS

Confirm tube / lock geometry, connections, assembly layout and rated load for the complete matched system.

WI-A075

Scaffold component storage basket



TYPICAL CONFIGURATION

Galvanized mesh basket; footprint, gates and rack interface by logistics plan

ORDER DETAILS

Confirm payload, lifting pockets, stacking limit and transport restraint. Not a personnel work platform.

Connections & handling accessories

WI-A076

Stackable scaffold storage stillage



TYPICAL CONFIGURATION

Reference footprint 44 x 44 in (1118 x 1118 mm); height and stacking rating by model

ORDER DETAILS

Confirm payload, lifting pockets, stacking limit and transport restraint. Not a personnel work platform.

Scaffold enclosure & debris handling

WI-A083

Scaffold debris netting



TYPICAL CONFIGURATION

Roll widths 8 ft 6 in or 10 ft (2.59 or 3.05 m); roll length 150 ft (45.72 m).

ORDER DETAILS

Confirm mesh, edge reinforcement, fixing spacing and fire-test requirements. Wind loading and scaffold ties require project review. Not a personnel fall-arrest net.

WI-A084

Plastic debris chute section



TYPICAL CONFIGURATION

Tapered molded-plastic section with suspension chains; nested sections for transport.

ORDER DETAILS

Confirm inlet/outlet diameter, wall thickness, effective drop per section and chain rating. Support design, debris size and maximum drop height are project-specific.

Scaffold enclosure & debris handling

WI-A085

Debris chute intake hopper



TYPICAL CONFIGURATION

Open-front loading hopper with metal supports and chain connections; matched to the chute series.

ORDER DETAILS

Confirm loading opening, connection geometry, support arrangement and permitted debris. Final assembly must be checked as a complete chute installation.

02 Shoring & Formwork Systems

Adjustable supports, steel forms and concrete forming accessories.

WI-A031	Formwork alignment turnbuckle	47
WI-A032	Bent-plate forming turnbuckle	47
WI-A033	Adjustable U-head jack	48
WI-A037	Heavy-duty shoring frame	48
WI-A038	Adjustable steel post shore	49
WI-A040	Steel column formwork	49
WI-A041	Formwork tie wing nut	50
WI-A042	Formwork waler bearing plate	50
WI-A044	Timber formwork beam	51
WI-A045	Steel prop tripod	51
WM-S001	Slotted formwork wedge bolt	52
WM-S002	Flat formwork locking wedge	52







Shoring & Formwork Systems

WI-A031

Formwork alignment turnbuckle



TYPICAL CONFIGURATION

Flat-plate end; adjustment range by layout

ORDER DETAILS

Verify fit, bracing, permissible extension and rated load in the assembled configuration.

WI-A032

Bent-plate forming turnbuckle



TYPICAL CONFIGURATION

Bent-plate end; adjustment range by layout

ORDER DETAILS

Verify fit, bracing, permissible extension and rated load in the assembled configuration.

Shoring & Formwork Systems

WI-A033

Adjustable U-head jack



TYPICAL CONFIGURATION

8 x 9 in head reference (203 x 229 mm)

ORDER DETAILS

Verify fit, bracing, permissible extension and rated load in the assembled configuration.

WI-A037

Heavy-duty shoring frame



TYPICAL CONFIGURATION

4 x 5 ft reference frame (1219 x 1524 mm)

ORDER DETAILS

Confirm actual fit, material, working load and assembly drawings.

Shoring & Formwork Systems

WI-A038

Adjustable steel post shore



TYPICAL CONFIGURATION

Extension and safe working load: select from verified load chart

ORDER DETAILS

Confirm actual fit, material, working load and assembly drawings.

WI-A040

Steel column formwork



TYPICAL CONFIGURATION

Column section, pour height and tie layout: project-specific

ORDER DETAILS

Confirm actual fit, material, working load and assembly drawings.

Shoring & Formwork Systems

WI-A041

Formwork tie wing nut



TYPICAL CONFIGURATION

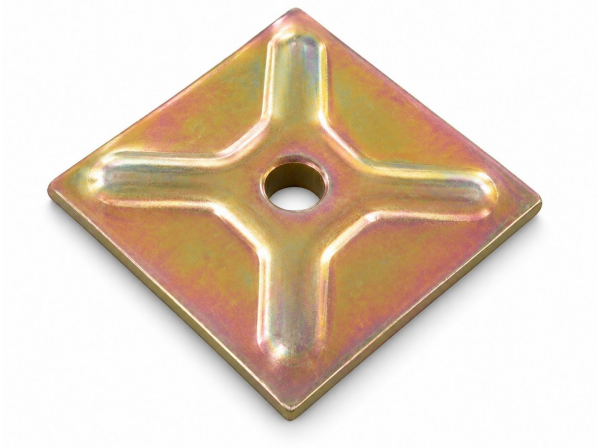
0.630 in / 16 mm reference tie system; thread form must match

ORDER DETAILS

Confirm actual fit, material, working load and assembly drawings.

WI-A042

Formwork waler bearing plate



TYPICAL CONFIGURATION

Bearing area, thickness and tie hole: project-specific

ORDER DETAILS

Confirm actual fit, material, working load and assembly drawings.

Shoring & Formwork Systems

WI-A044

Timber formwork beam



TYPICAL CONFIGURATION

7.87 in / 200 mm reference beam depth; length by design

ORDER DETAILS

Confirm actual fit, material, working load and assembly drawings.

WI-A045

Steel prop tripod



TYPICAL CONFIGURATION

Leg spread and prop diameter: matched to shore; erection aid only

ORDER DETAILS

Confirm actual fit, material, working load and assembly drawings.

Shoring & Formwork Systems

WM-S001

Slotted formwork wedge bolt



TYPICAL CONFIGURATION

Tapered steel connector with a slotted head for compatible panel-frame joints.

ORDER DETAILS

Specify slot, head, thickness and mating-panel details on the drawing. Confirm steel grade and connection capacity; compatibility is not universal.

WM-S002

Flat formwork locking wedge



TYPICAL CONFIGURATION

Flat tapered steel wedge for a compatible pin-and-wedge formwork connection.

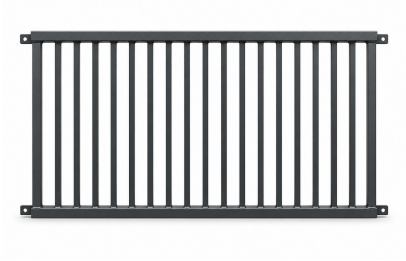
ORDER DETAILS

Confirm taper, length, thickness and pin opening. Select to the actual connection drawing; panel material does not determine wedge material.

03 Permanent Steel Fencing & Gates

Picket fencing, farm gates, tubular panels and mounting hardware.

WM-P001	Flat-top steel picket fence panels	54
WM-P002	Spear-top steel picket fence panels	54
WM-P003	Matching steel gates & fence assemblies	55
WM-P004	Fence and gate installation hardware	55
WM-P005	Tubular steel farm gates	56
WM-P006	Tubular steel farm fence panels	56
WM-P007	Weld-on steel barrel gate hinge	57
WM-P008	Gate drop-rod guide & keeper kit	57







Permanent Steel Fencing & Gates

WM-P001

Flat-top steel picket fence panels



TYPICAL CONFIGURATION

Project options: 4 / 5 / 6 ft heights (1.22 / 1.52 / 1.83 m); panel width and rails to approved drawing.

ORDER DETAILS

Specify height, width, picket spacing, tube wall, coating and post fixing. Panels and posts are packed separately.

WM-P002

Spear-top steel picket fence panels



TYPICAL CONFIGURATION

Tubular steel pickets, horizontal rails and permanent posts; picket profile and top configuration by order.

ORDER DETAILS

Specify height, width, picket spacing, tube wall, coating and post fixing. Panels and posts are packed separately.

Permanent Steel Fencing & Gates

WM-P003

Matching steel gates & fence assemblies



TYPICAL CONFIGURATION

Single or double leaf; opening width, leaf height and hinge configuration are project-specific.

ORDER DETAILS

Confirm swing clearance, post foundations, latch position, finish and hardware schedule.

WM-P004

Fence and gate installation hardware



TYPICAL CONFIGURATION

Hinges, brackets, latches and fasteners matched to the selected panel, gate and post system.

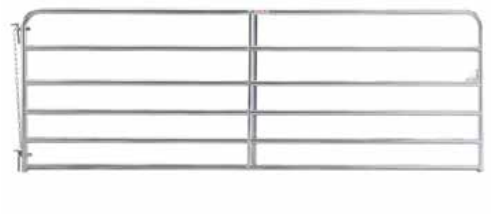
ORDER DETAILS

Confirm interface dimensions, fixing method, material and corrosion protection; no universal-fit claim.

Permanent Steel Fencing & Gates

WM-P005

Tubular steel farm gates



TYPICAL CONFIGURATION

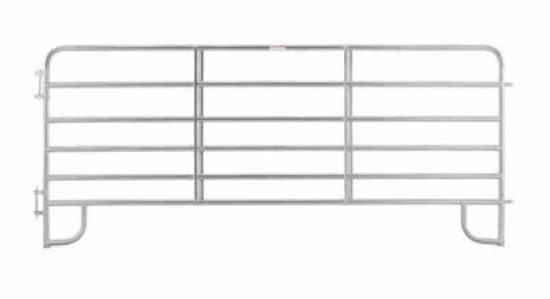
Common order options: 4 to 16 ft nominal opening (1.22 to 4.88 m); approximately 48 to 50 in. high (1.22 to 1.27 m).

ORDER DETAILS

Welded horizontal tube infill. Confirm actual leaf width, wall thickness, hinge clearance, latch and post anchorage.

WM-P006

Tubular steel farm fence panels



TYPICAL CONFIGURATION

Typical reference: 12 ft nominal length (3.66 m), about 5 ft high (1.52 m); alternative lengths and heights by order.

ORDER DETAILS

Horizontal tube rails, not wire mesh. Specify fixed-post brackets, animal type, rail spacing and tube thickness; no impact rating implied.

Permanent Steel Fencing & Gates

WM-P007

Weld-on steel barrel gate hinge



TYPICAL CONFIGURATION

Barrel hinge with weld tabs and grease fitting; 6 in (152 mm) body is a configuration example.

ORDER DETAILS

Confirm gate mass, width, hinge spacing, pin and bearing construction. Rated capacity applies to the specified assembly and welds, not body size alone.

WM-P008

Gate drop-rod guide & keeper kit



TYPICAL CONFIGURATION

Guide and keeper fittings for a drop-rod gate assembly; coating and frame fit selected to order.

ORDER DETAILS

Confirm rod diameter, frame size, fixing pattern and clearance. Rod and ground receiver are separately specified; match all parts before installation.

04 Independent Steel Platforms & Stairs

Freestanding access structures, plate treads and landings.

WM-L001	Independent equipment access platform	59
WM-L002	Industrial straight steel staircase	59
WM-L003	Crossover access platform	60
WM-L004	Formed steel plate stair treads	60
WM-L005	Fabricated steel plate landings	61







Independent Steel Platforms & Stairs

WM-L001

Independent equipment access platform



TYPICAL CONFIGURATION

Freestanding steel frame with steel-plate deck, access steps and edge protection; dimensions by project.

ORDER DETAILS

Build to approved drawings: loads, interfaces, material grade, welds and finish. Confirm transport splits, packed dimensions, lifting points and installation sequence before fabrication.

WM-L002

Industrial straight steel staircase



TYPICAL CONFIGURATION

Steel stringers with plate treads and handrails; rise, going, clear width and landings by approved design.

ORDER DETAILS

Build to approved drawings: loads, interfaces, material grade, welds and finish. Confirm transport splits, packed dimensions, lifting points and installation sequence before fabrication.

Independent Steel Platforms & Stairs

WM-L003

Crossover access platform



TYPICAL CONFIGURATION

Two access flights and a connecting platform; clear span, underside clearance and deck by project.

ORDER DETAILS

Build to approved drawings: loads, interfaces, material grade, welds and finish. Confirm transport splits, packed dimensions, lifting points and installation sequence before fabrication.

WM-L004

Formed steel plate stair treads



TYPICAL CONFIGURATION

Raised-pattern steel plate, formed nosing and mounting details; width, depth and thickness by drawing.

ORDER DETAILS

Build to approved drawings: loads, interfaces, material grade, welds and finish. Confirm transport splits, packed dimensions, lifting points and installation sequence before fabrication.

Independent Steel Platforms & Stairs

WM-L005

Fabricated steel plate landings



TYPICAL CONFIGURATION

Steel-plate landing panels with formed or supported edges; dimensions and underside supports by project.

ORDER DETAILS

Build to approved drawings: loads, interfaces, material grade, welds and finish. Confirm transport splits, packed dimensions, lifting points and installation sequence before fabrication.

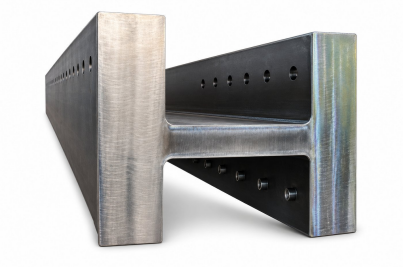
05 Fabricated Structural Steel Components

Build-to-drawing beams, columns, frames and connections.

WM-C001	Fabricated structural steel columns	63
WM-C002	Portal frame beams & bracing	63
WM-C003	Drilled steel connection plates	64
WM-C004	Prepared steel beams & end connections	64



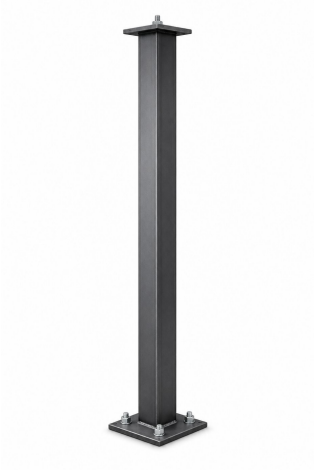




Fabricated Structural Steel Components

WM-C001

Fabricated structural steel columns



TYPICAL CONFIGURATION

Project-specific column section, length, base plate and top connection; material grade to approved drawings.

ORDER DETAILS

Build to approved drawings: loads, interfaces, material grade, welds and finish. Confirm transport splits, packed dimensions, lifting points and installation sequence before fabrication.

WM-C002

Portal frame beams & bracing



TYPICAL CONFIGURATION

Shop-fabricated beams, columns and braces; sections and site connections to engineered drawings.

ORDER DETAILS

Build to approved drawings: loads, interfaces, material grade, welds and finish. Confirm transport splits, packed dimensions, lifting points and installation sequence before fabrication.

Fabricated Structural Steel Components

WM-C003

Drilled steel connection plates



TYPICAL CONFIGURATION

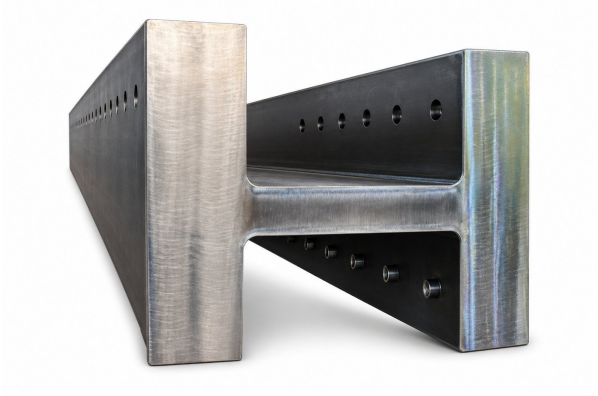
Project-specific end plates, splice plates and connection plates with coordinated hole patterns.

ORDER DETAILS

Build to approved drawings: loads, interfaces, material grade, welds and finish. Confirm transport splits, packed dimensions, lifting points and installation sequence before fabrication.

WM-C004

Prepared steel beams & end connections



TYPICAL CONFIGURATION

Cut-to-length steel members with drilled holes, machined ends or welded connection details; geometry to approved drawings.

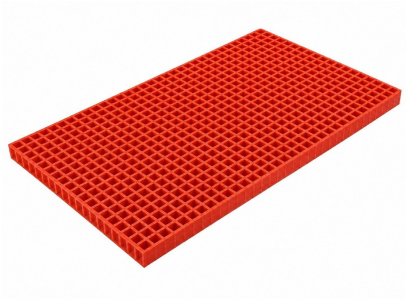
ORDER DETAILS

Build to approved drawings: loads, interfaces, material grade, welds and finish. Confirm transport splits, packed dimensions, lifting points and installation sequence before fabrication.

06 FRP Grating & Stair Treads

Molded and pultruded grating, tread products and fixing clips.

WI-FG001	Square-mesh molded FRP grating	66
WI-FG002	Fine-mesh molded FRP grating	66
WI-FG003	Covered molded FRP grating	67
WI-FG004	Pultruded FRP grating	67
WI-FG005	Heavy-duty molded FRP grating	68
WI-FG006	Molded FRP stair tread	68
WI-FG007	Pultruded FRP stair tread	69
WI-FG008	Covered FRP stair tread	69
WI-FG009	FRP stair tread cover	70
WI-FG010	FRP molded grating hold-down clips	70
WI-FG011	Grit-surface solid FRP plate	71



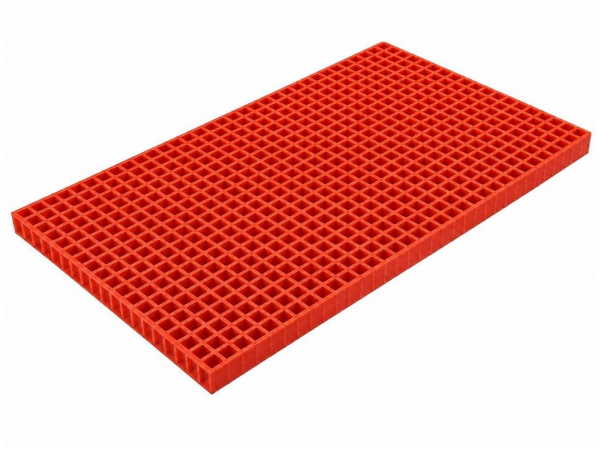




FRP Grating & Stair Treads

WI-FG001

Square-mesh molded FRP grating



TYPICAL CONFIGURATION

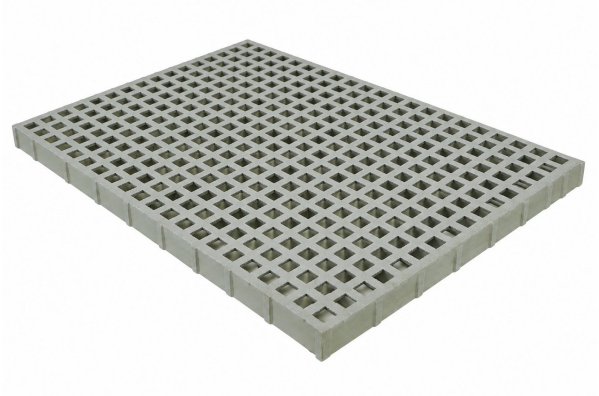
Typical depths: 1 / 1-1/2 / 2 in (25.4 / 38.1 / 50.8 mm); common panels 3 x 10 / 4 x 12 ft (914 x 3048 / 1219 x 3658 mm).

ORDER DETAILS

Confirm span, load/deflection, resin and surface finish. Color and thickness are options. Specify cut-outs, edge sealing and fixing clips; fire and corrosion performance need test evidence.

WI-FG002

Fine-mesh molded FRP grating



TYPICAL CONFIGURATION

Fine upper mesh over structural grid; clear opening, depth, grit surface and panel dimensions selected by duty.

ORDER DETAILS

Confirm span, load/deflection, resin and surface finish. Color and thickness are options. Specify cut-outs, edge sealing and fixing clips; fire and corrosion performance need test evidence.

FRP Grating & Stair Treads

WI-FG003

Covered molded FRP grating



TYPICAL CONFIGURATION

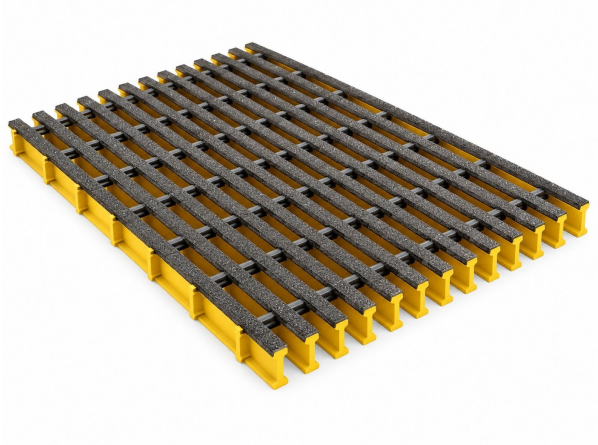
Molded grating with bonded grit-top cover; base depth, cover thickness, support spacing and panel size by project.

ORDER DETAILS

Confirm span, load/deflection, resin and surface finish. Color and thickness are options. Specify cut-outs, edge sealing and fixing clips; fire and corrosion performance need test evidence.

WI-FG004

Pultruded FRP grating



TYPICAL CONFIGURATION

Typical depths: 1 / 1-1/2 / 2 in (25.4 / 38.1 / 50.8 mm); I-bar or T-bar construction; span along bearing bars.

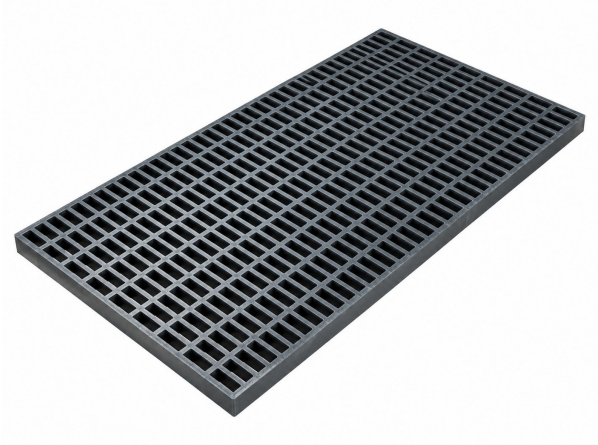
ORDER DETAILS

Confirm span, load/deflection, resin and surface finish. Color and thickness are options. Specify cut-outs, edge sealing and fixing clips; fire and corrosion performance need test evidence.

FRP Grating & Stair Treads

WI-FG005

Heavy-duty molded FRP grating



TYPICAL CONFIGURATION

Typical depths: 1-1/2 / 2 in (38.1 / 50.8 mm); dense structural grid; wheel-load suitability requires specific load data.

ORDER DETAILS

Confirm span, load/deflection, resin and surface finish. Color and thickness are options. Specify cut-outs, edge sealing and fixing clips; fire and corrosion performance need test evidence.

WI-FG006

Molded FRP stair tread



TYPICAL CONFIGURATION

Typical depth: 1-1/2 in (38.1 mm); open molded grid with contrasting grit nosing; cut width by stair layout.

ORDER DETAILS

Confirm support span, load and deflection, resin suitability, temperature, cut-edge sealing and fixings. Use the selected product load table.

FRP Grating & Stair Treads

WI-FG007

Pultruded FRP stair tread



TYPICAL CONFIGURATION

Typical bearing-bar depth: 1-1/2 in (38.1 mm); pultruded bars with grit surface and integrated front nosing.

ORDER DETAILS

Confirm support span, load and deflection, resin suitability, temperature, cut-edge sealing and fixings. Use the selected product load table.

WI-FG008

Covered FRP stair tread



TYPICAL CONFIGURATION

Solid grit top over structural tread body; width, depth, end bearing and fastening to approved stair dimensions.

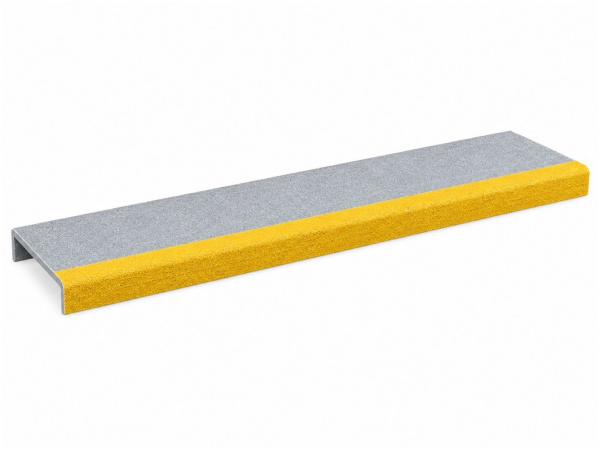
ORDER DETAILS

Confirm support span, load and deflection, resin suitability, temperature, cut-edge sealing and fixings. Use the selected product load table.

FRP Grating & Stair Treads

WI-FG009

FRP stair tread cover



TYPICAL CONFIGURATION

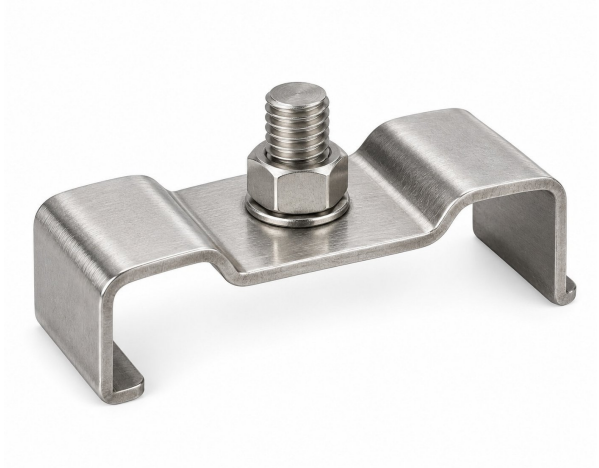
Thin grit-surfaced L-profile overlay with contrasting nosing; installed over an existing supported stair tread.

ORDER DETAILS

Cover is not a structural tread. Confirm sound supporting substrate, adhesive / mechanical fixing and nosing fit.

WI-FG010

FRP molded grating hold-down clips



TYPICAL CONFIGURATION

Typical stainless steel saddle / M clips; match 1 / 1-1/2 / 2 in (25.4 / 38.1 / 50.8 mm) grating depths and mesh.

ORDER DETAILS

Confirm clip geometry, bolt length, support thickness, corrosion compatibility and installation spacing. Clips are not lifting devices.

FRP Grating & Stair Treads

WI-FG011

Grit-surface solid FRP plate



TYPICAL CONFIGURATION

Solid fiberglass-reinforced plate with an aggregate walking surface; full panels or cut-to-size pieces.

ORDER DETAILS

Specify thickness, support spacing, load and deflection limits. Resin, surface grit, color, edge sealing and fire-test requirements are order-specific.

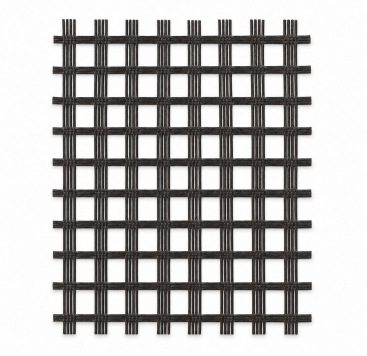
07 Geosynthetics & Erosion Control

Separation, reinforcement, liners, erosion and sediment control.

WI-D001	Smooth HDPE geomembrane	74
WI-D002	PVC geomembrane	74
WI-D003	LLDPE geomembrane	75
WI-D004	Textured geomembrane - surface option	75
WI-D005	Geotextile-membrane composite	76
WI-D006	Woven slit-film geotextile	76
WI-D007	Needle-punched nonwoven geotextile	77
WI-D008	PP geotextile - material option	77
WI-D009	PET staple-fiber geotextile - material option	78
WI-D010	Woven polyester geotextile	78
WI-D011	Perforated textured geocell	79
WI-D013	Uniaxial geogrid	79
WI-D014	Fiberglass paving grid	80







07 Geosynthetics & Erosion Control

Separation, reinforcement, liners, erosion and sediment control.

WI-D015	Woven polyester geogrid	80
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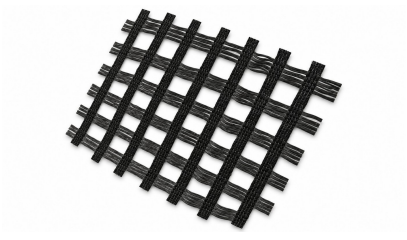






Geosynthetics & Erosion Control

WI-D001

Smooth HDPE geomembrane



TYPICAL CONFIGURATION

40 / 60 / 80 mil (1.016 / 1.524 / 2.032 mm)

ORDER DETAILS

Specify function, design life, test methods, acceptance values, lot sampling and seam / junction criteria.

WI-D002

PVC geomembrane



TYPICAL CONFIGURATION

Thickness, plasticizer grade and seams: project-specific

ORDER DETAILS

Specify function, design life, test methods, acceptance values, lot sampling and seam / junction criteria.

Geosynthetics & Erosion Control

WI-D003

LLDPE geomembrane



TYPICAL CONFIGURATION

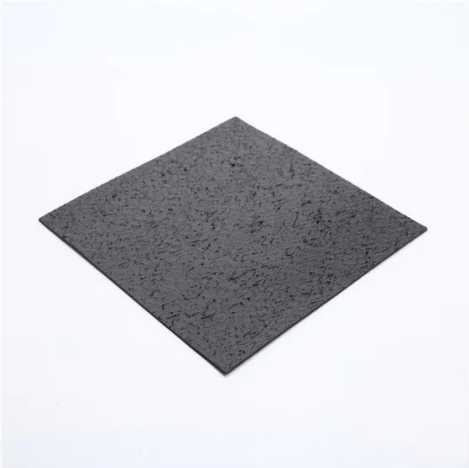
40 / 60 / 80 mil reference options (1.016 / 1.524 / 2.032 mm)

ORDER DETAILS

Specify function, design life, test methods, acceptance values, lot sampling and seam / junction criteria.

WI-D004

Textured geomembrane - surface option



TYPICAL CONFIGURATION

Thickness and asperity height: separately specified

ORDER DETAILS

Specify function, design life, test methods, acceptance values, lot sampling and seam / junction criteria.

Geosynthetics & Erosion Control

WI-D005

Geotextile-membrane composite



TYPICAL CONFIGURATION

Membrane thickness and fabric mass: separate values

ORDER DETAILS

Specify function, design life, test methods, acceptance values, lot sampling and seam / junction criteria.

WI-D006

Woven slit-film geotextile



TYPICAL CONFIGURATION

Grab tensile, AOS and permittivity: project selection

ORDER DETAILS

Specify function, design life, test methods, acceptance values, lot sampling and seam / junction criteria.

Geosynthetics & Erosion Control

WI-D007

Needle-punched nonwoven geotextile



TYPICAL CONFIGURATION

4 / 6 / 8 oz/yd2 reference classes (136 / 203 / 271 g/m2)

ORDER DETAILS

Specify function, design life, test methods, acceptance values, lot sampling and seam / junction criteria.

WI-D008

PP geotextile - material option



TYPICAL CONFIGURATION

Polymer, UV durability and hydraulic properties: project-specific

ORDER DETAILS

Specify function, design life, test methods, acceptance values, lot sampling and seam / junction criteria.

Geosynthetics & Erosion Control

WI-D009

PET staple-fiber geotextile - material option



TYPICAL CONFIGURATION

Mass, tensile strength and chemical compatibility: project-specific

ORDER DETAILS

Specify function, design life, test methods, acceptance values, lot sampling and seam / junction criteria.

WI-D010

Woven polyester geotextile



TYPICAL CONFIGURATION

Wide-width tensile and creep reduction: design values required

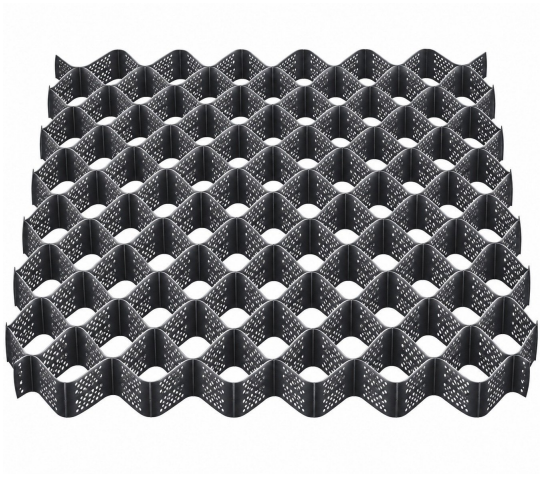
ORDER DETAILS

Specify function, design life, test methods, acceptance values, lot sampling and seam / junction criteria.

Geosynthetics & Erosion Control

WI-D011

Perforated textured geocell



TYPICAL CONFIGURATION

Cell height, weld spacing and seam strength: project-specific

ORDER DETAILS

Specify function, design life, test methods, acceptance values, lot sampling and seam / junction criteria.

WI-D013

Uniaxial geogrid



TYPICAL CONFIGURATION

Long-term design strength in lbf/ft (kN/m), with reduction factors

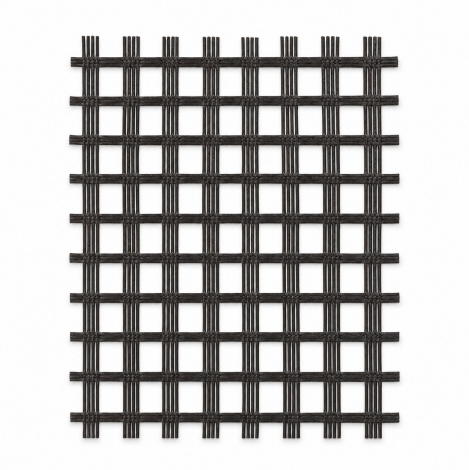
ORDER DETAILS

Specify function, design life, test methods, acceptance values, lot sampling and seam / junction criteria.

Geosynthetics & Erosion Control

WI-D014

Fiberglass paving grid



TYPICAL CONFIGURATION

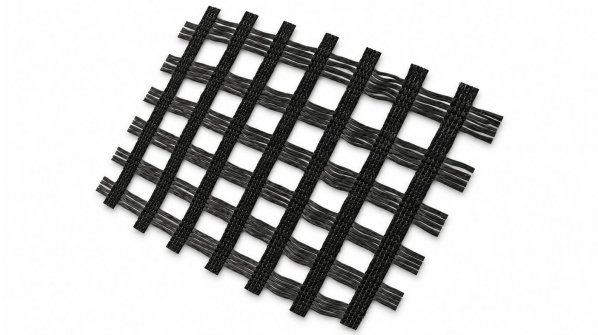
Grid spacing, tensile and coating: asphalt design selection

ORDER DETAILS

Specify function, design life, test methods, acceptance values, lot sampling and seam / junction criteria.

WI-D015

Woven polyester geogrid



TYPICAL CONFIGURATION

Creep, installation damage and durability reductions required

ORDER DETAILS

Specify function, design life, test methods, acceptance values, lot sampling and seam / junction criteria.

Geosynthetics & Erosion Control

WI-D016

Needle-punched clay liner



TYPICAL CONFIGURATION

Bentonite mass, hydraulic conductivity and peel strength to specification

ORDER DETAILS

Specify function, design life, test methods, acceptance values, lot sampling and seam / junction criteria.

WI-D017

PE-laminated clay liner



TYPICAL CONFIGURATION

Film thickness and bentonite mass specified separately

ORDER DETAILS

Specify function, design life, test methods, acceptance values, lot sampling and seam / junction criteria.

Geosynthetics & Erosion Control

WI-D018

Dewatering geotextile tube



TYPICAL CONFIGURATION

Circumference, fill height and seam strength by dewatering design

ORDER DETAILS

Specify function, design life, test methods, acceptance values, lot sampling and seam / junction criteria.

WI-D019

Geotextile erosion-control bag



TYPICAL CONFIGURATION

Bag dimensions, fill material and seam capacity to drawings

ORDER DETAILS

Specify function, design life, test methods, acceptance values, lot sampling and seam / junction criteria.

Geosynthetics & Erosion Control

WI-D020

Geotextile-wrapped drainage pipe



TYPICAL CONFIGURATION

Pipe diameter, perforations, crush rating and filter compatibility

ORDER DETAILS

Specify function, design life, test methods, acceptance values, lot sampling and seam / junction criteria.

WI-D021

Prefabricated vertical drain



TYPICAL CONFIGURATION

Core width, thickness and discharge capacity under confinement

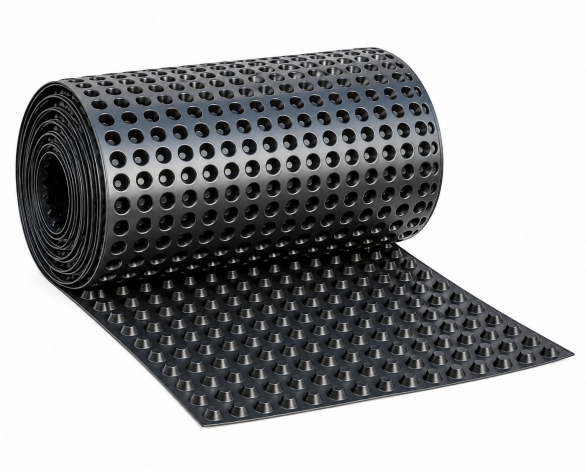
ORDER DETAILS

Specify function, design life, test methods, acceptance values, lot sampling and seam / junction criteria.

Geosynthetics & Erosion Control

WI-D022

Dimpled drainage sheet



TYPICAL CONFIGURATION

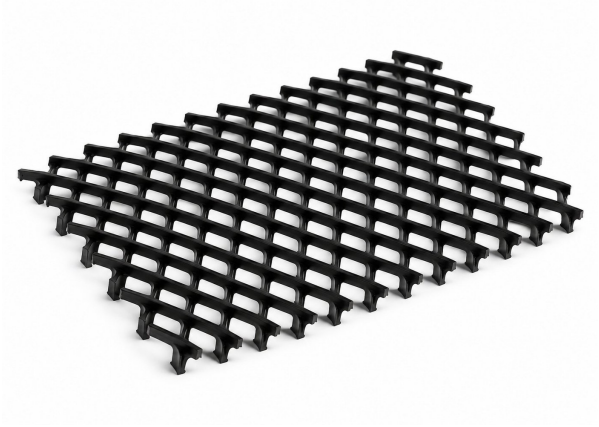
Core height, compressive strength and in-plane flow by design

ORDER DETAILS

Specify function, design life, test methods, acceptance values, lot sampling and seam / junction criteria.

WI-D023

Drainage geonet



TYPICAL CONFIGURATION

Transmissivity at design gradient, pressure and temperature

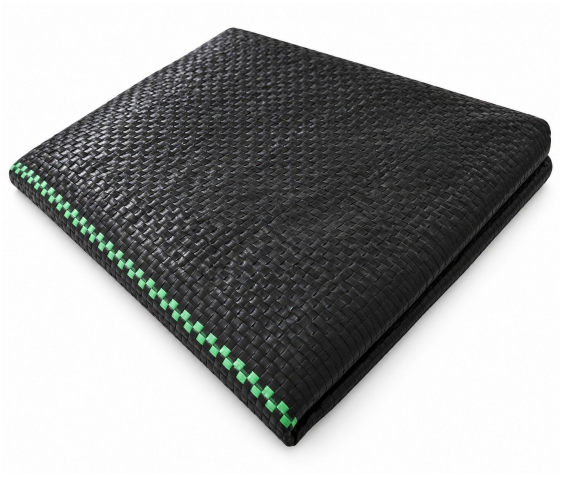
ORDER DETAILS

Specify function, design life, test methods, acceptance values, lot sampling and seam / junction criteria.

Geosynthetics & Erosion Control

WI-D024

Silt fence fabric



TYPICAL CONFIGURATION

Roll width, post spacing, embedment and flow by site plan

ORDER DETAILS

Specify function, design life, test methods, acceptance values, lot sampling and seam / junction criteria.

WI-D025

Coir erosion-control blanket



TYPICAL CONFIGURATION

Natural coir fiber held by netting. Example roll: 8 ft x 112.5 ft (2.44 x 34.29 m).

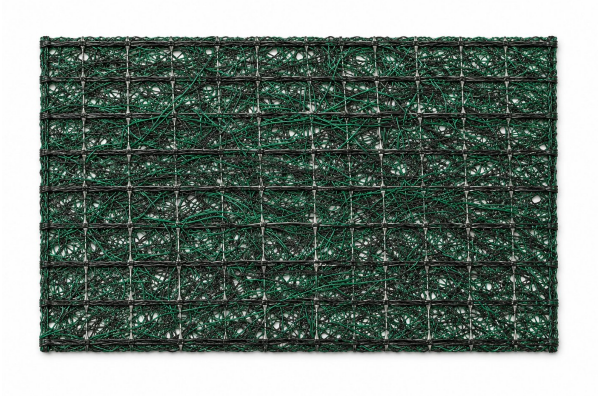
ORDER DETAILS

Select fiber mass, net material and anchorage to slope and flow conditions. Confirm vegetation plan, required service life and import documentation for natural fiber.

Geosynthetics & Erosion Control

WI-D026

Synthetic turf reinforcement mat



TYPICAL CONFIGURATION

Three-dimensional synthetic-fiber matrix with retaining nets for vegetated slopes and channels.

ORDER DETAILS

Confirm roll size, thickness, UV resistance, anchorage and vegetation establishment. Allowable shear stress and flow velocity require product-specific test evidence.

WI-D027

Pump-discharge sediment filter bag



TYPICAL CONFIGURATION

Nonwoven bag with hose inlet. Example sizes: 15 x 10 ft and 15 x 15 ft (4.57 x 3.05 m and 4.57 x 4.57 m).

ORDER DETAILS

Confirm sediment grading, discharge rate, fabric opening and seam strength. Use supported placement and monitor clogging. Not a pressure vessel or dissolved-pollutant treatment system.

Let us build your product schedule.



WinstoneMetals

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