



TSS

Total Safety Solutions

Edge Protection Systems

Meshguard
Shaftgate
Coreguard
Ladstair

www.tss-me.com

Working At Height Specialists
Safe Working Solutions

TSS Company Activity

TSS are market leaders in the working at height and fall safety systems within a multi discipline industry. Since its inception, TSS has grown organically, predominantly through referral and customer satisfaction which is a testament to the high standards we work to and our dedication to our customers. Within the business we have over 50 years experience in the Fall Safety Systems.

TSS have a unique offering of Sale, Rental and Contract supply of Fall Prevention (Temporary Edge Protection systems, guard Railing) , Fall Protection (Safety Netting, Safety Net Fans) , Fall Arrest and PPE systems for Construction, Industrial, Infrastructure and Oil & Gas sector within the MENA region.

We have an extensive Industry approved Training Programs for Height Safety activities.

At **TSS** our company philosophy is aimed at providing the full range of Fall Safety solutions and services to our customers with integral safety and quality in mind. We are leading this field by providing Fall Safety products for Sale and Rental backed up with Technical, Training, Rigging and maintenance support services.

We pride ourselves with having an in-depth industry and market knowledge and understanding the need of our customers.

Our tremendous growth in such short space of time shows our customer's confidence in our products and services providing us with the inspiration to continue our journey in providing a safer workplace for our customers.



TSS Edge Protection Systems

Meshguard

Temporary Edge Protection systems are the first line of defence when working at height. TSS Meshguard System utilises steel mesh barriers to protect the open edges on concrete, steel and timber structures. With its industry established connection detail, Meshguard delivers speedy assembly with economy and safety in mind.



Shaftgate

TSS Shaftgate is an adjustable gate which protects the open edges of Staircase Cores and Lift shafts. This is an important element in fall protection on sites. These openings are subject to restrictive access control measures for sub-contractors who need access to the shafts.



Coreguard

TSS Coreguard is a fixed protection steel mesh which protects the open edges of Staircase Cores and Lift shafts. This is an important element in fall protection on sites.



Ladstair

TSS Ladstair is an adjustable stair-ladder which works within an angle range with integral handrailing, designed to be used on slabs or scaffolding.





Installation Service

At **TSS** we put emphasis on teamwork, this involves working tirelessly with customers and suppliers, contributing your own ideas effectively, taking a share of the responsibility, being assertive - rather than passive or aggressive, accepting and learning from constructive criticism and giving positive, constructive feedback to others.



Technical Support



Training & Supervision



Maintenance Inspection

TSS Meshguard System

Temporary Edge Protection systems are the first line of defence when working at height. TSS Meshguard System utilises steel mesh barriers to protect the open edges on concrete, steel and timber structures. With its industry established connection detail, Meshguard delivers speedy assembly with economy and safety in mind.

The flexibility and user friendly features of Meshguard are fundamental to safe working at height. Components are robust and are painted or Galvanised finished for a long life and exposure to extreme weather climates.

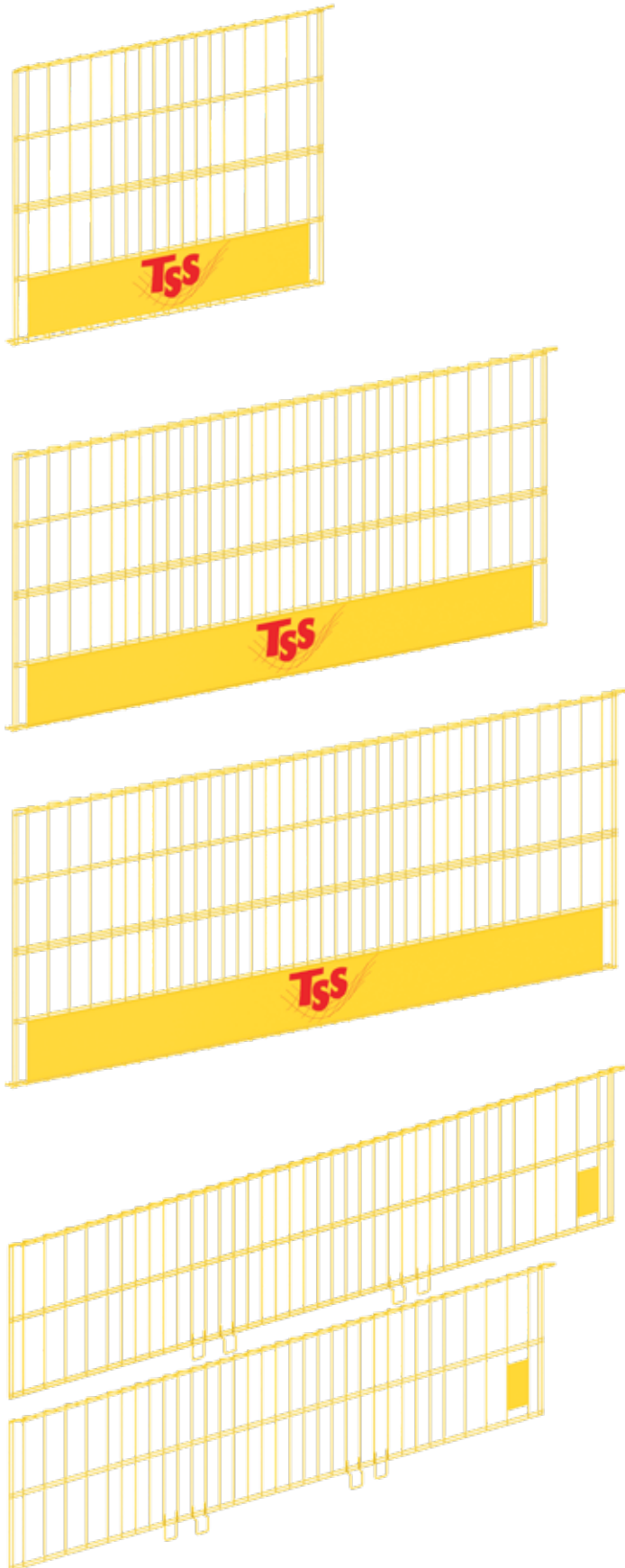
The use of Systemised Temporary Edge Protection makes a significant contribution to the reduction of falls on site due to ease of use, increased safety and compliance to EN 13374..



- Provides enhanced protection against falls of objects and workers
- Fully Compliant to EN 13374 Standard
- Cost effective systemised solution
- Built-in welded steel toe board, 260mm high
- Fully automated welded steel mesh with integral toeboard.(260mm)
- Galvanised wire with Powder coat finish to customer's colour
- Tested to EN13374 Class A and B withstanding Static and Dynamic loading
- Close mesh spacing (60mm vertically) with 1.15m overall height
- Customer's Logo can be attached on toeboard

TSS Steel Meshguard Types

TSS Meshguard is the universal safety solution for all edge protection needs. It is suitable slab formwork, for safeguarding slab edges or as fall arrest barriers on the structure shell.



Description	TSS Meshguard 1325
Article No.	TSSMG1325
Weight	9.50 kg
Length	1325 mm
Height	1150 mm
Finish	Galv. wire + Powder coat
EN Standard	EN 13374 Class A B

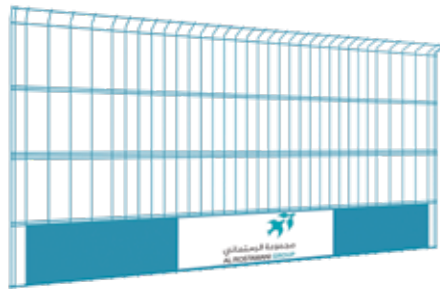
Description	TSS Meshguard 2285
Article No.	TSSMG2285
Weight	15.75 kg
Length	2285 mm
Height	1150 mm
Finish	Galv. wire + Powder coat
EN Standard	EN 13374 Class A B

Description	TSS Meshguard 2585
Article No.	TSSMG2585
Weight	17.75 kg
Length	2585 mm
Height	1150 mm
Finish	Galv. wire + Powder coat
EN Standard	EN 13374 Class A B

Description	TSS Meshguard Extender	
Article No.	TSSMGEX2585	TSSMGEX2285
Weight	9.60 kg	7.50 kg
Length	2585 mm	2285 mm
Height	600 mm	600 mm
Finish	Galv. wire + Powder coat	
EN Standard	EN 13374 Class A B	

Select your logo and color

TSS Meshguard system is available in different color and logo as your company branding.



Meshguard on Formwork



We are constantly developing new edge protection products, services and solutions in order to meet the requirements of creating safe working sites. A working method has been developed with which we already at the designing stage are present to develop solutions according to an established structure – an Edge Protection Analysis. We identify situations where a risk of falling may be present, and solutions are then specified already at the design stage. We co-operate with the project management, designers and local managers to create safe working sites.



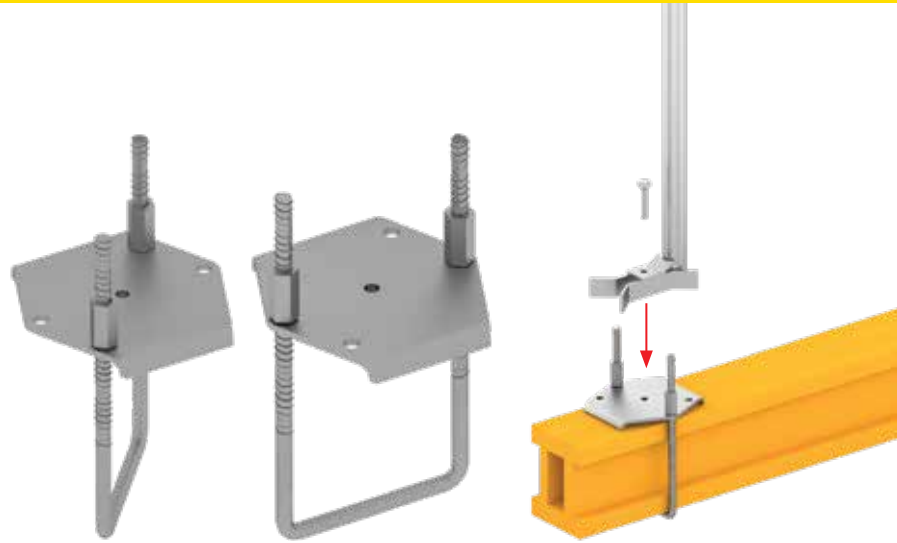
TSS Universal Formwork Attachment

Regardless of formwork beam type, Universal Formwork Attachment fits all brands and types of beams on the market.

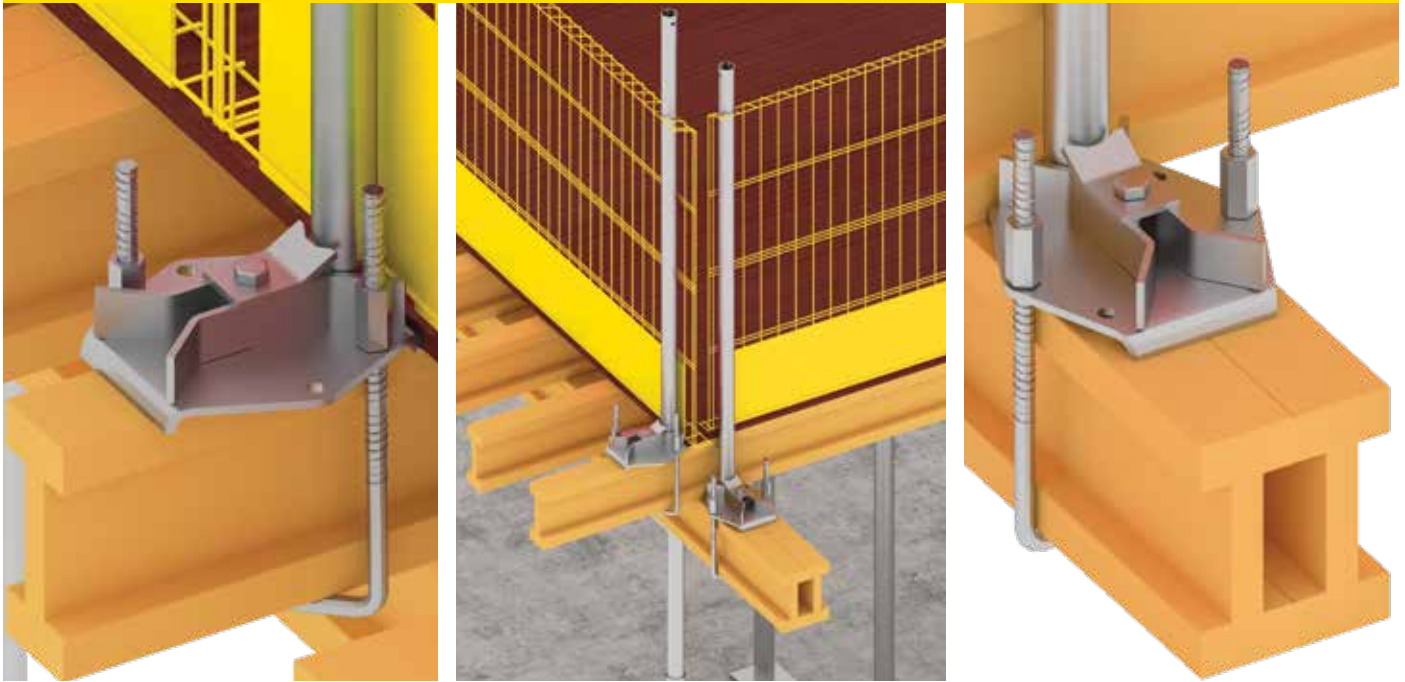
Only 3 components required:

- Universal Formwork Attachment
- Socket Post
- Meshguard

Article No.	TSUFWATTG
Weight	3.80 kg
Finish:	Electroplated
EN Standard	EN 13374 Class A



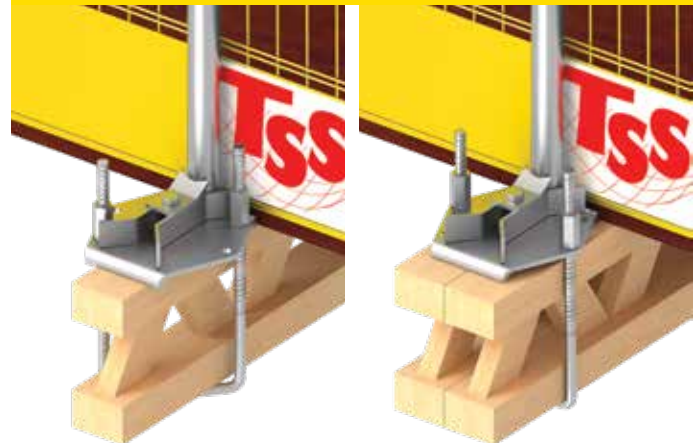
Using Timber Beams H20



Using Aluminium Beams



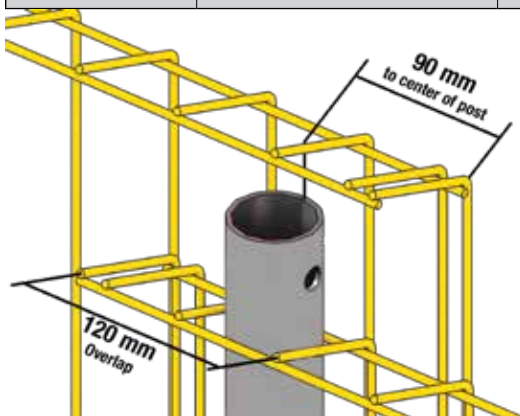
Using Timber Beams G24



TSS Meshguard Socket Post

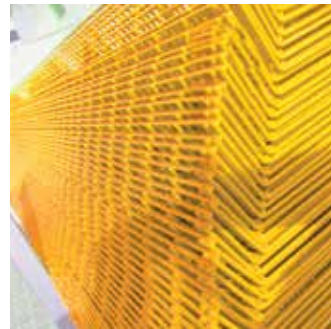
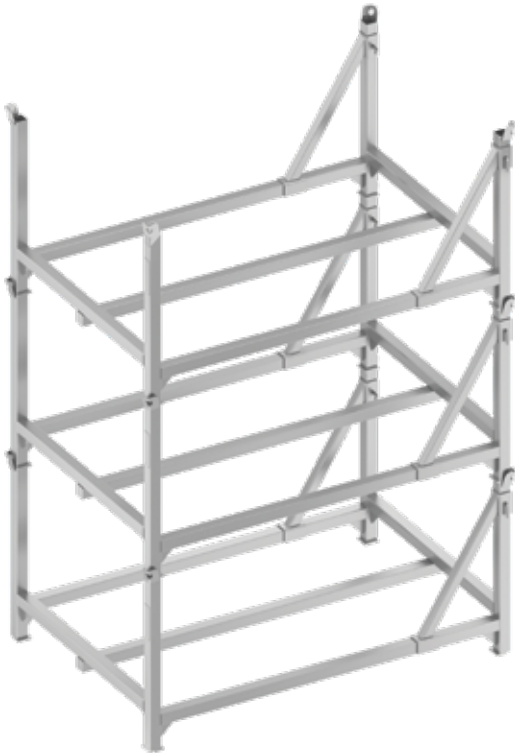


Description	Socket Post 2.00 m	Socket Post 1.50 m	Socket Post 1.20 m	Post 1.20 m
Article No.	TSPST2000G	TSPST1500G	TSPST1200G	TSPST1200
Weight	7.80 kg	5.25 kg	4.90 kg	3.60 kg
Finish:	Hot dip galvanized	Hot dip galvanized	Hot dip galvanized	Hot dip galvanized
EN Standard	EN 13374 Class A	EN 13374 Class A	EN 13374 Class A	EN 13374 Class A



TSS Barrier Box

Article No.	TSSBBMG1510
Max. No. of Mesh Per RACK	50 No.
Safe Working Load	1000.00 kg
Self Height of SMG RACK	745 mm
Self Weight of SMG RACK	50.00 kg
Finish:	Painted, Silver
EN Standard	EN 13374 Class A



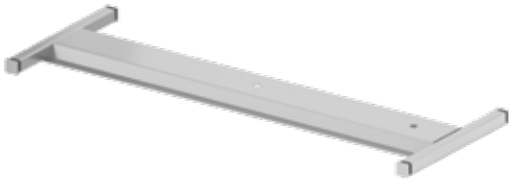
TSS Slab Adaptor - Slab Upstand Adaptor



Description	TSS Slab Adaptor 350	TSS Slab Adaptor 600	TSS Slab Upstand Adaptor 350	TSS Slab Upstand Adaptor 600
Article No.	TSSEPSA350	TSSEPSA600	TSSEPSUA350	TSSEPSUA600
Weight	7.00 kg	7.70 kg	6.40 kg	7.10 kg
Finish:	Hot dip galvanized	Hot dip galvanized	Hot dip galvanized	Hot dip galvanized
EN Standard	EN 13374 Class A	EN 13374 Class A	EN 13374 Class A	EN 13374 Class A



TSS Freestanding Base



Description	TSS Freestanding Base
Article No.	TSFSTS900
Weight	6.60 kg
Finish:	Painted, Silver
EN Standard	EN 13374 Class A



TSS Meshguard Toeboard Retainer

Used for both holding and keeping meshguard at place.

Optional Toeboard Retainer can be used to provide an additional connection between Socket post and Meshguard panels.

Article No.	TSSMGTBR
Weight	0.26 kg
Finish:	Electroplated
EN Standard	EN 13374 Class A



TSS Shaftgate

Lift Shaft Safety & Lift Shaft Edge Protection Solutions

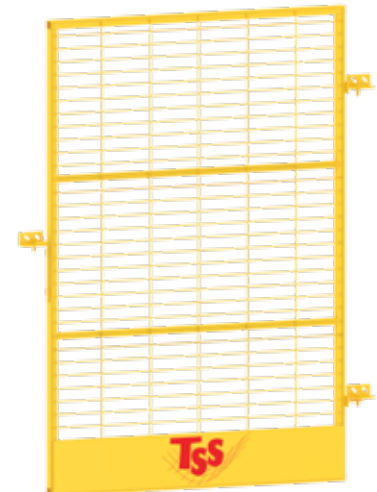
TSS Shaft gate protects the open edges of Staircase Cores and Lift shafts is an important element in fall protection on sites. These openings are subject to restrictive access control measures for sub-contractors who need access to the shafts.

TSS Shaft gate takes all the safety measures in consideration and utilises a quick and hingeable fixing method to ensure a secure and safe method of protecting the openings.

- Adjustable in width supplied in 2 sizes 0.90 - 1.20m and 1.20 - 1.50m
- Utilises a special bolt head to prevent unauthorised opening of gate
- Hinge type gate opening with a second safety lock pin
- Available in 1.50m or 1.80m heights
- Steel mesh type protection



TSS Shaftgate Adjustable Type



TSS Shaftgate Fixed type - 1.50 x 2.20 m



Description	TSS Shaftgate Fixed type
Article No.	TSSFSG1522
Weight	30.00 kg
Finish:	Painted, Yellow
EN Standard	EN 13374 Class A

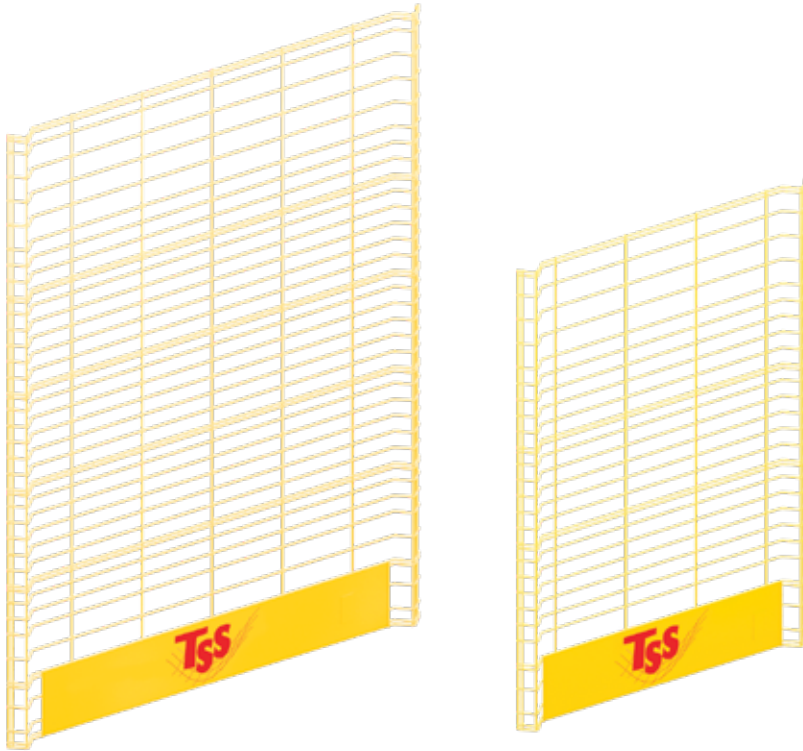


TSS Shaftgate Adjustable available sizes

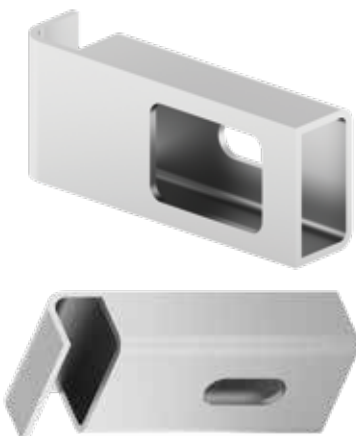
Description	Height	Weight	Width	Article No.
TSS Shaftgate 1.58 m Ht., 0.90-1.20 m Range	1.58 m	28.10 kg	0.91 – 1.20 m	TSSASGATE091215
TSS Shaftgate 1.58 m Ht., 1.20-1.50 m Range	1.58 m	33.60 kg	1.20 – 1.50 m	TSSASGATE121515
TSS Shaftgate 1.80 m Ht., 0.90-1.20 m Range	1.80 m	32.00 kg	0.90 – 1.20 m	TSSASGATE091218
TSS Shaftgate 1.80 m Ht., 1.20-1.50 m Range	1.80 m	38.30 kg	1.20 – 1.50 m	TSSASGATE121518

TSS Coreguard

TSS Coreguard is a fixed protection steel mesh which protects the open edges of Staircase Cores and Lift shafts. This is an important element in fall protection on sites.



Description	TSS Coreguard 2217	TSS Coreguard 1712	TSS Coreguard Wall Bracket
Article No.	TSSCG2217	TSSCG1712	TSSCGWB
Maximum shaft opening	1.50 m	1.20 m	---
Weight	21.00 kg	10.50 kg	1.50 kg
Finish	Galv. wire + Powder coat	Galv. wire + Powder coat	Electroplated
Close mesh spacing	Close mesh spacing (285 mm Horizontally) with 2.20 m overall height	Close mesh spacing (285 mm Horizontally) with 1.70 m overall height	---



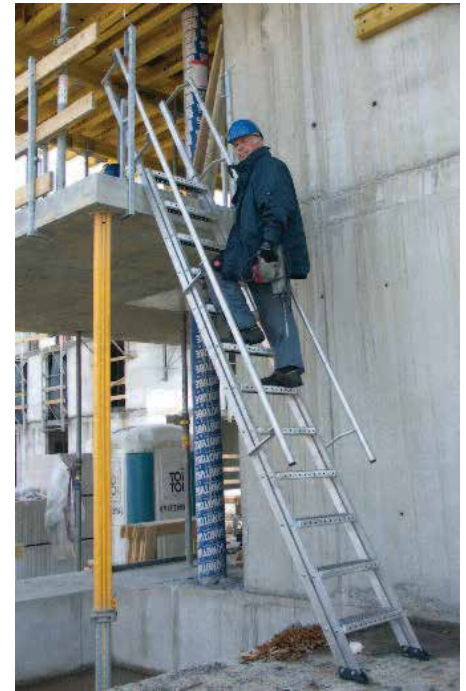
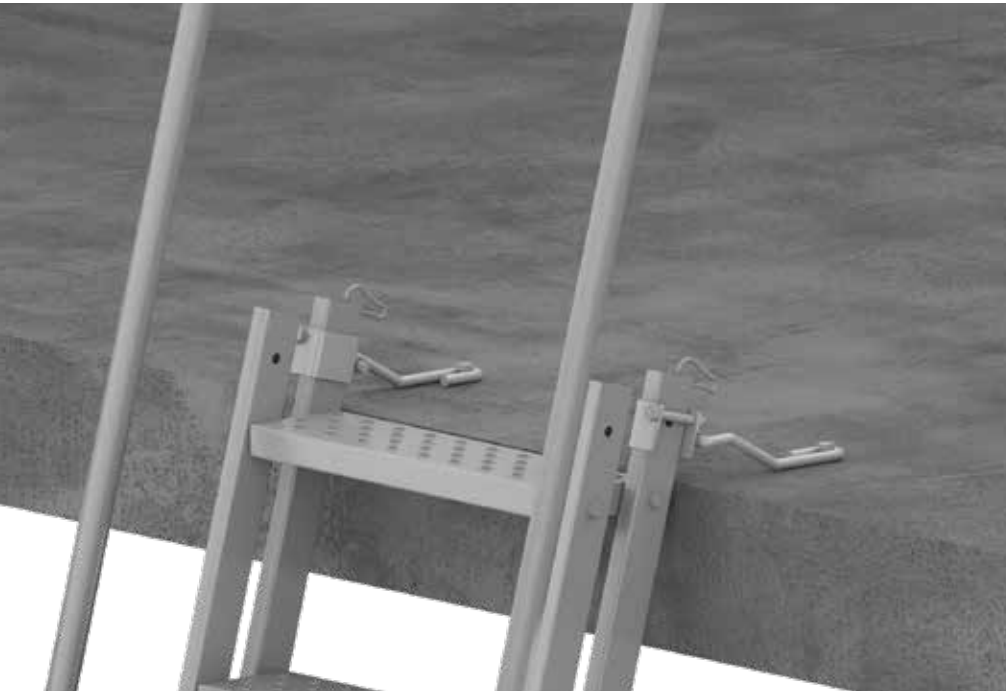
TSS Coreguard Wall Bracket



- Protecting the open edges of Staircase Cores and Lift shafts
- Fully automated welded steel mesh with integral toeboard
- Special connector as additional safety feature against unauthorized removal
- Tested to EN13374 Class A
- Hinge type coreguard with special wall bracket
- Powder coat finish to customer's color

TSS Ladstair - Slab Application

TSS Ladstair is an adjustable stair-ladder which works within an angle range with integral handrailing, designed to be used on slabs or scaffolding.

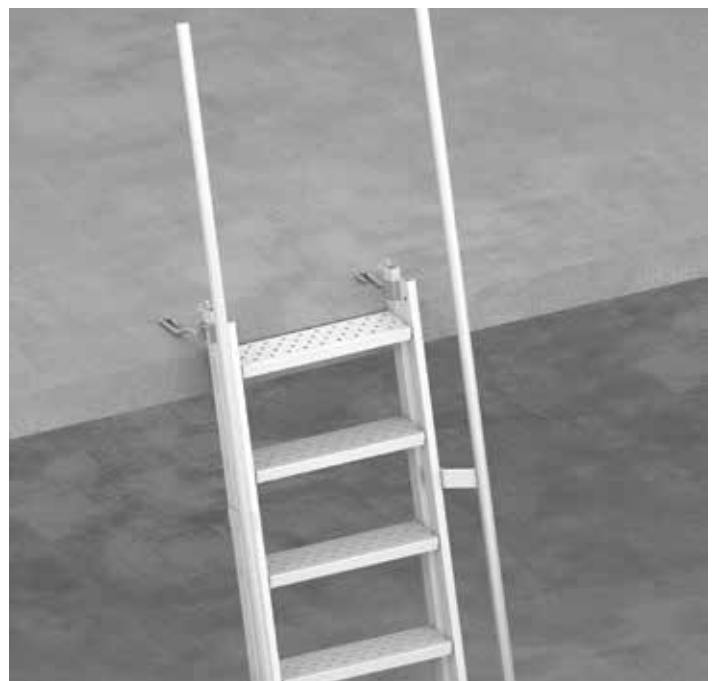
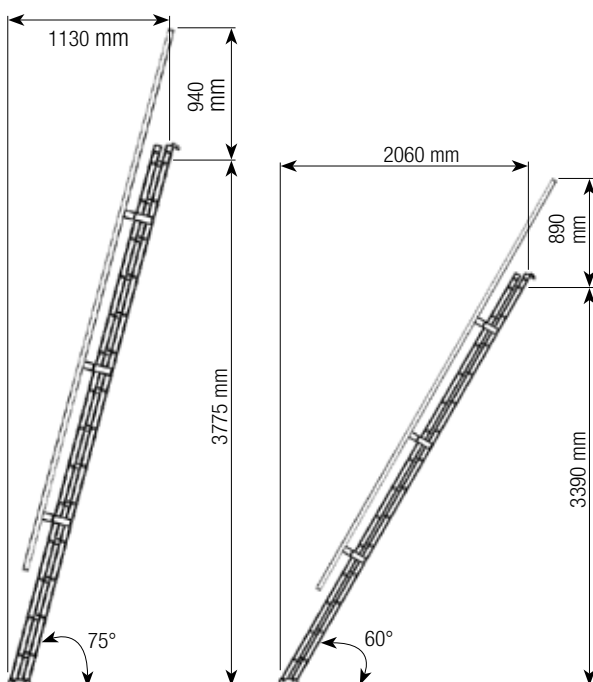


- Complies with British Standard BS EN 12881-1:2003
- Provides safe, easy & economic access
- Modular design serving multitude of length with maximum load of 500kg
- Flexible angle position (from 60° to 75°)
- Non-slip steps ensure secure footholds & handholds
- No special tools necessary

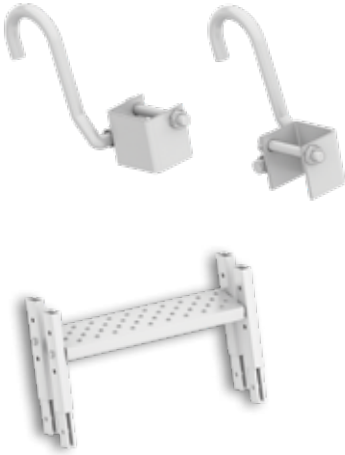


Ladstair Slab Application

Description	Article No.	Qty.	Weight
TSS Ladstair	TSSLADST14	1	81.20 kg
Ladstair Slab Application	TSSLADSTSC	2	0.44 kg

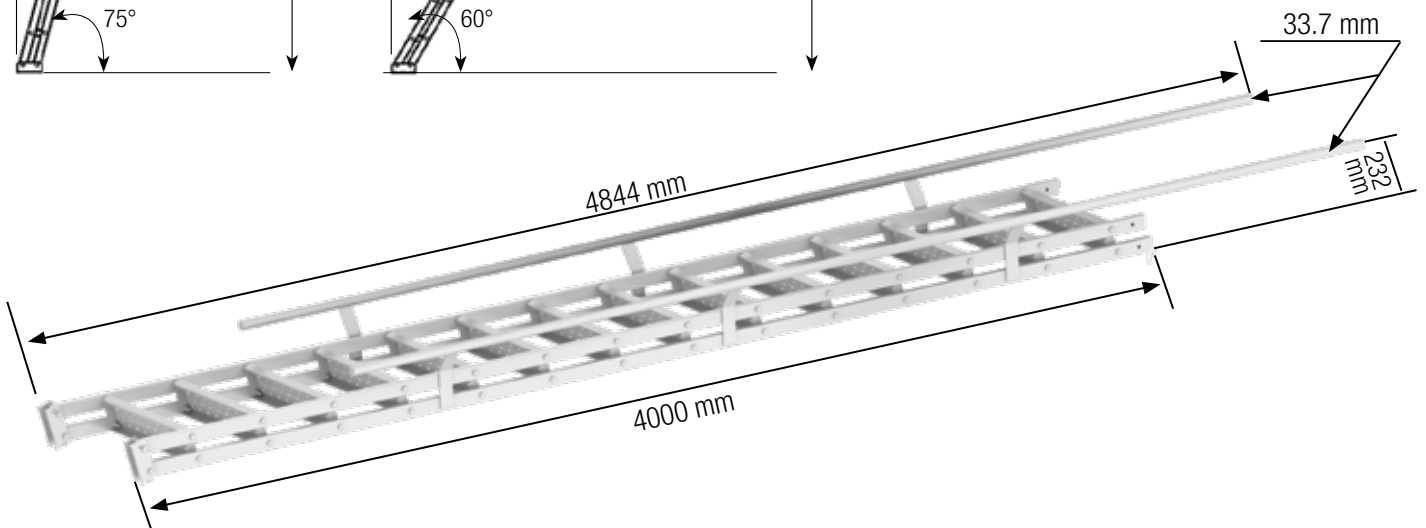
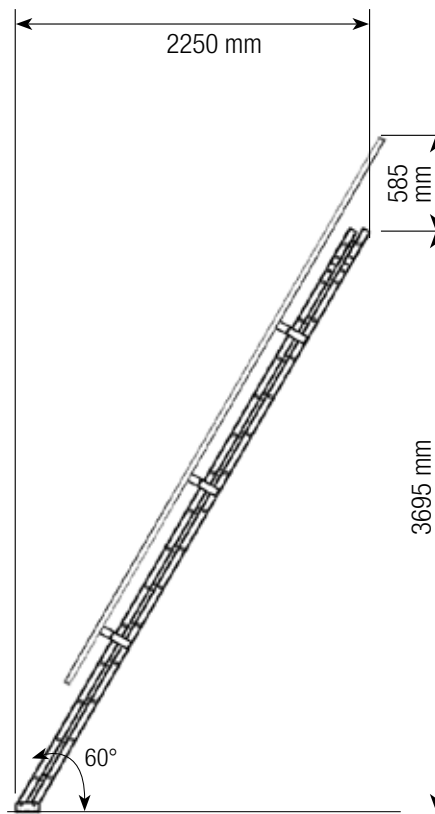
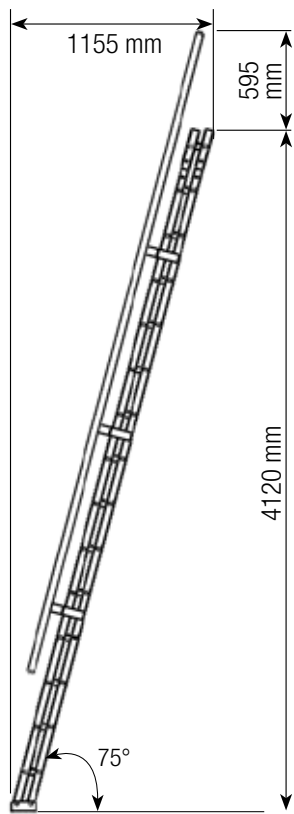


TSS Ladstair - Scaffold Application



Description	Article No.	Qty.	Weight
Ladstair Scaffold Application	TSSLADSTSL	2	0.49 kg

Description	Article No.	Qty.	Weight
TSS Ladstair Extension	TSSLS14EXT	1	6.00 kg



System Overview

Description TSS Meshguard 1325

Article No. TSSMG1325



Description TSS Meshguard 2285

Article No. TSSMG2285



Description TSS Meshguard 2585

Article No. TSSMG2585



Description TSS Meshguard Extender

Article No. TSSMGEX2585



Description TSS Meshguard Extender

Article No. TSSMGEX2285



Description TSS Freestanding Base

Article No. TSFSTS900



Description	TSS Socket Post 2.00m	TSS Socket Post 1.50m	TSS Socket Post 1.20m
Article No.	TSPST2000G	TSPST1500G	TSPST1200G

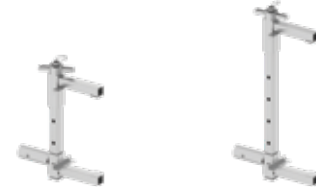


Description TSS Universal Formwork Attachment

Article No. TSUFWATTG



Description	TSS Slab adaptor upstand 350 mm	TSS Slab adaptor upstand 600 mm
Article No.	TSSEPSUA350	TSSEPSUA600



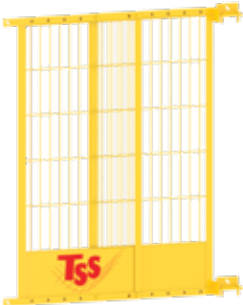
Description TSS Meshguard Toeboard Retainer

Article No. TSSMGTBR



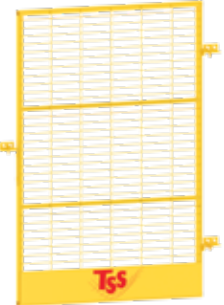
Description TSS Shaftgate Adjustable Type

Article No. TSSASGATE091215
TSSASGATE121515
TSSASGATE091218
TSSASGATE121518




Description TSS Shaftgate Fixed type

Article No. TSSFSG1522



Description TSS Coreguard 2217	TSS Coreguard 1712
Article No. TSSEPCG2217	TSSEPCG1712



Description TSS Slab adaptor 350	TSS Slab adaptor 600
Article No. TSSEPSA350	TSSEPSA600




Description TSS Barrier Box

Article No. TSSBBMG1510



Description TSS Ladstair Slab Application	TSS Ladstair Scaffold Application
Article No. TSSLADSTSC	TSSLADSTSL



Description TSS Ladstair Extension

Article No. TSSLS14EXT




Description TSS Coreguard Wall Bracket

Article No. TSSCGWB



Description TSS Ladstair

Article No. TSSLADST14





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TSS Safety Solutions	Products
TSS Fall Protection Systems	Safety Net Fans Safety Nets Sport and Leisure Vertifan Protection Screen Alsipercha fall arrest system
TSS Edge Protection Systems	Meshguard Shaftgate Coreguard Ladstair
TSS Load Handling System	Flexideck Cantilever Loading Platform
TSS Lifeline Systems & PPE	Permanent Lifeline System Temporary Lifeline System Personal Protective Equipment Rescue Devices & Equipment
TSS Garbage Chute System	Rubbish Chutes System
TSS Roof Safety Systems	Skylight Protection Roof Walkway System Walkway Mat
TSS Formwork System	Plastic (ABS) Formwork System for construction

TSS Partner

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