



# PRODUCT CATALOGUE



# About Us

**We** are strongly believe in producing better quality ladders. Ladder safety is the utmost important driven element to serve our customers. Besides that, we are emphasizing to educate our client to select the right ladder for their specific purpose to use the ladder carefully with safety knowledge. This would minimize the accident risk before, during or after using the ladder.

We specialize in manufacturing and import various type of ladders. Our range of products are **aluminium ladder, timber ladder, fiberglass ladder** and we also provide **custom-made ladder** for client according to their requirements. All our products are made of high quality materials and characterized in safety, solidity, durability, elegant and individual design.

## Vision

To educate and ensure all ladder users are equipped with ladder safety knowledges and capable to apply it correctly in different types of working environment in order to achieve zero work at height accidents.

## Mission

To understand every customer's specific requirement in order to effectively provide sound advice and make the most appropriate recommendation based on the customers needs and budget. It is also the mission of LTISB to provide Safety Ladder Product Training Programmes if necessary or upon request.

# 4 Step For Proper Ladder Selection

## Step 1 - Selecting The Right Type

Which kind of Ladder is right for the job - Step Stool, Stepladder, Extension Ladder or Multipurpose? The intended task and the work environment help determine the style of ladder best designed to keep you safe and productive on the job.

## Step 2 - Selecting The Right Height

STEPLADDERS	
Ladder Height	Maximum Reach*
4'	8'
6'	10'
7'	11'
8'	12'
10'	14'
12'	16'
14'	18'
16'	20'

### Average Heights

One Story Home

11'



18'

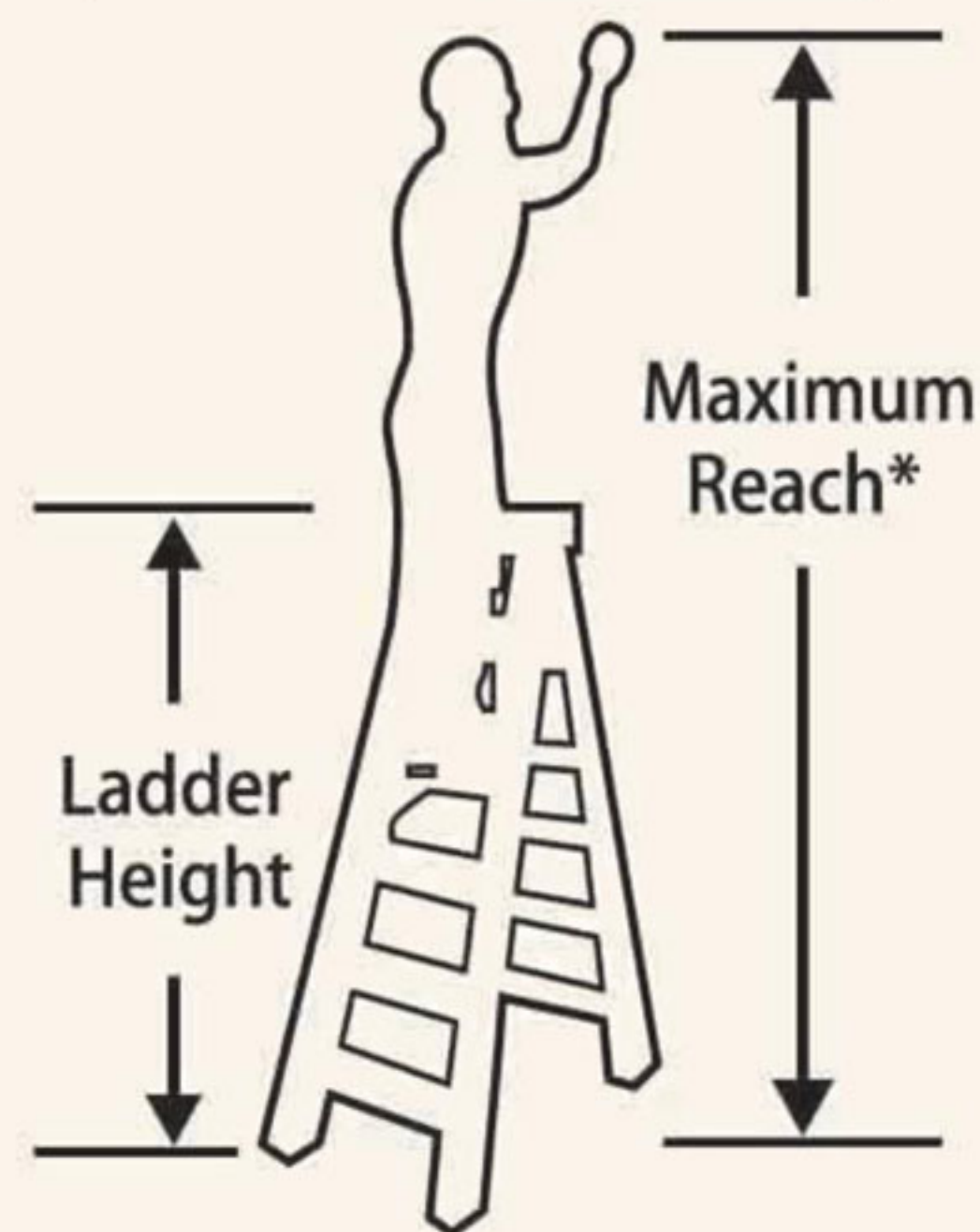
Two Story Home

14'



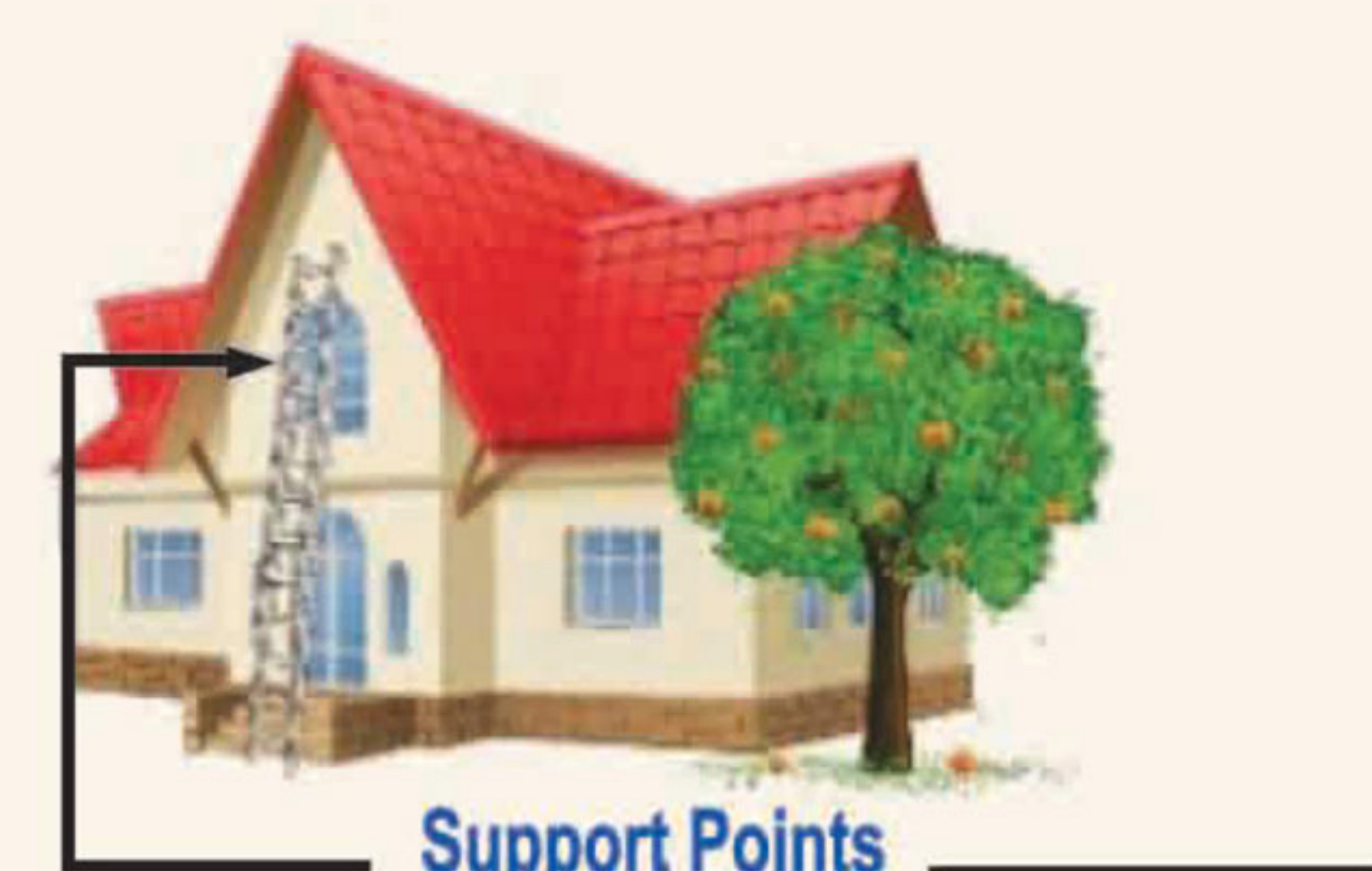
25'

\*Assumes a 5'6" person with a vertical 12' reach.

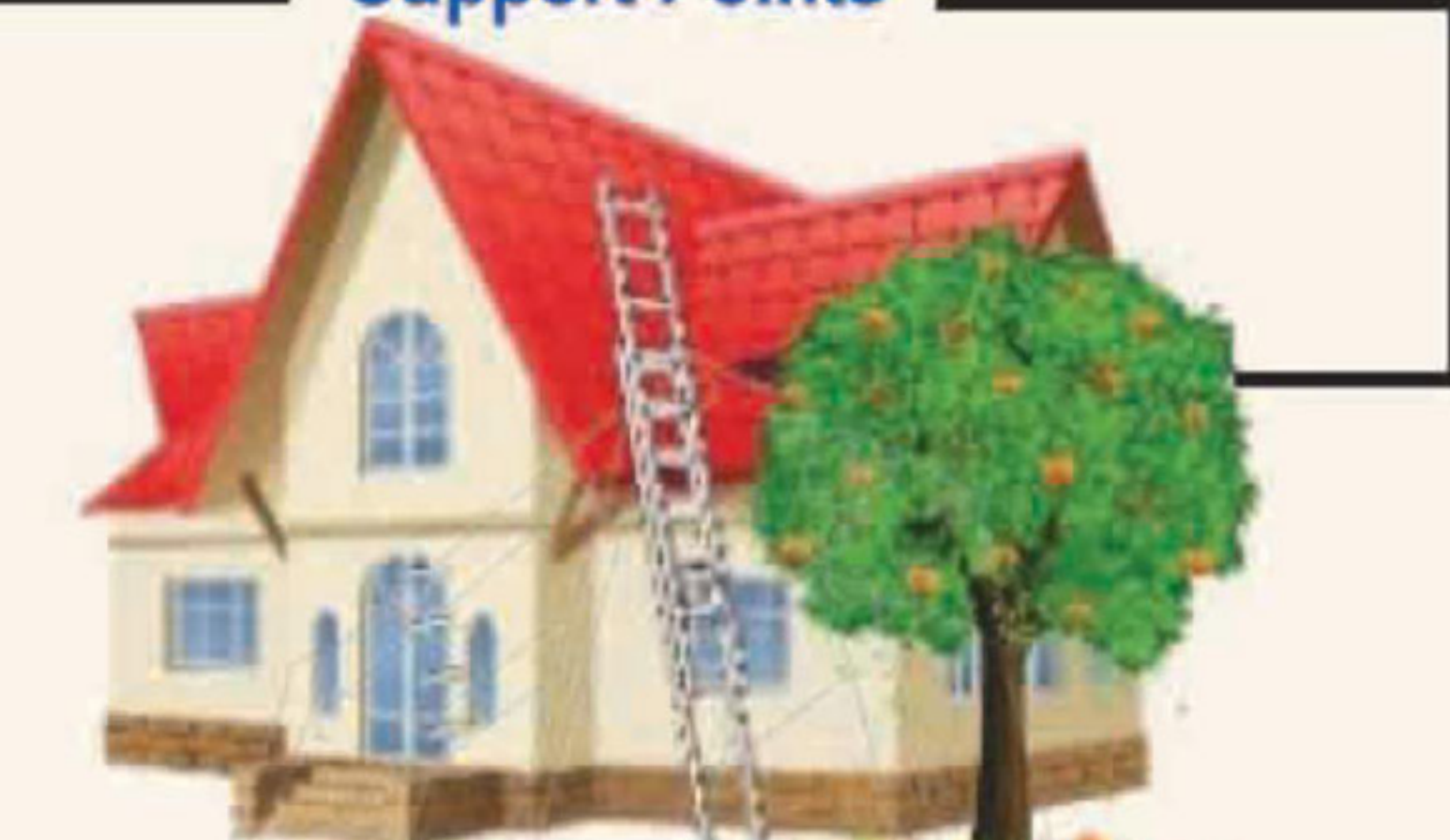
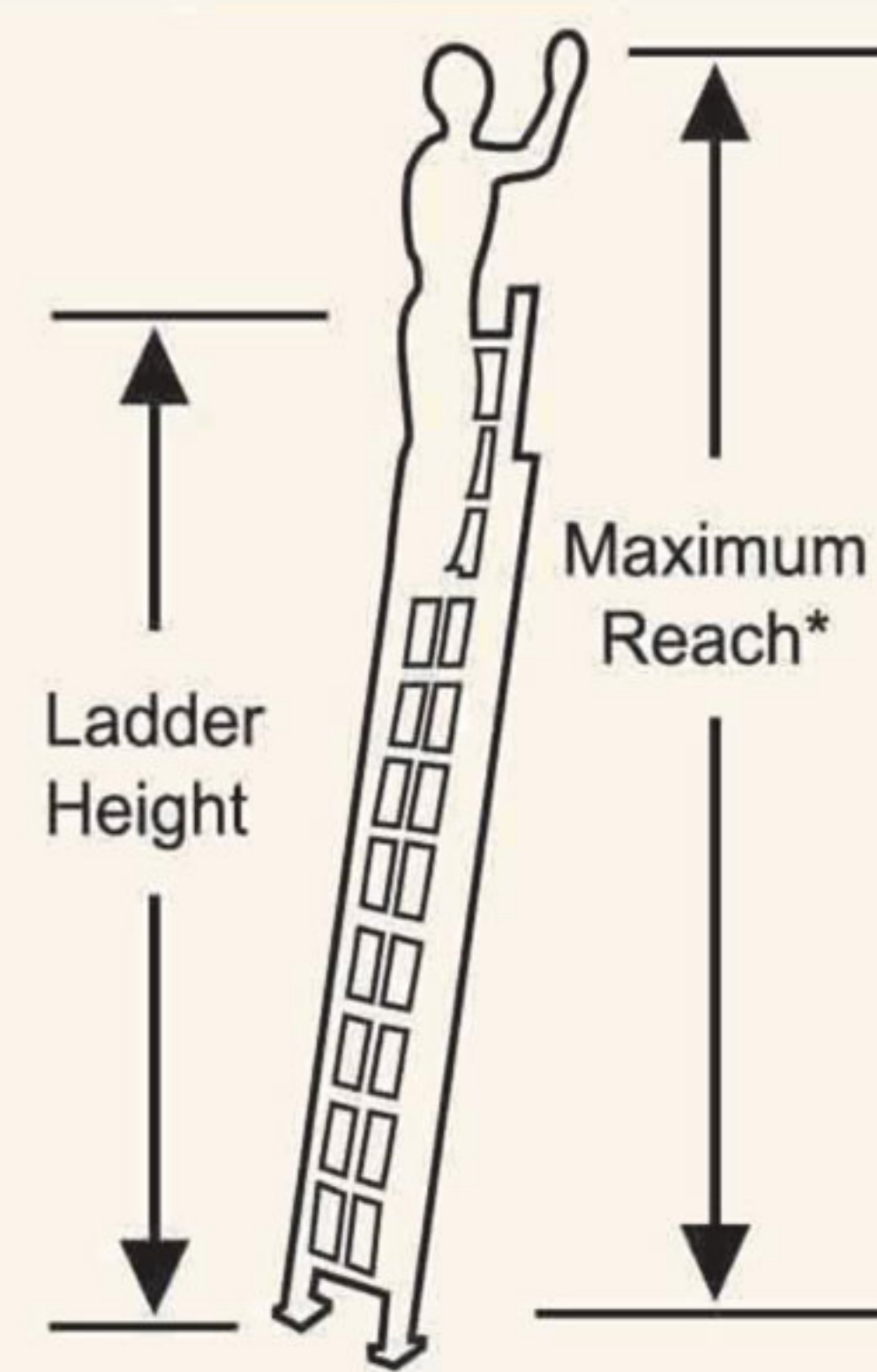


### EXTENSION LADDERS

Ladder Height	Maximum Reach	Height To Gutter or Top Support Point
16'	15'	9' max.
20'	19'	9' to 13'
24'	23'	13' to 17'
28'	27'	17' to 21'
32'	31'	21' to 25'
36'	34'	25' 28'
40'	37'	28' to 31'



Support Points



Support points for extension ladders reflect section overlap, ladder angle, or 3' extension above roof line.

## Step 3 - Selecting the Working Load

STEP BY STEP PERFORMANCE SYSTEM  
COLOR MATCH FOR LADDER PERFORMANCE

**LIGHT DUTY SERIES**  
**90 KG**

Economic design for lightweight use.

**MEDIUM DUTY SERIES**  
**110 KG**

Basic design for simple Project.

**HEAVY DUTY SERIES**  
**150 KG**

Rugged performance to handle most projects.

## Step 4 - Selecting Material

**Fibre Glass**

Electrically non-conductive, great value, strong, preferred ladder material.

**Aluminium**

Strong, lightweight, corrosion resistant.

**Timber**

Electrically non-conductive when clean and dry.

# LADDER SAFETY- THE WRONG WAY



Never climb a closed stepladder.  
It may slip out from under you.



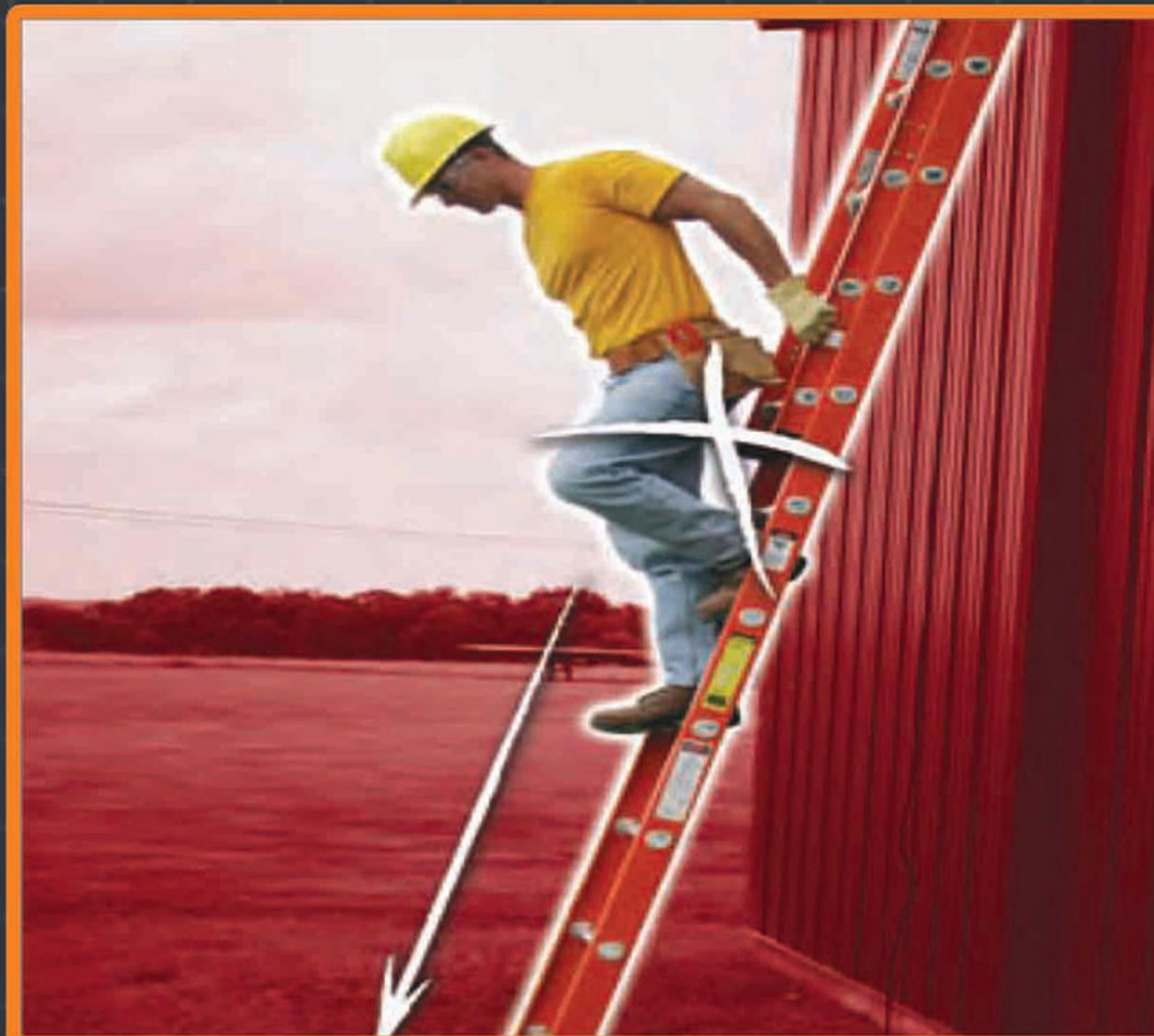
Do not stand or sit on a stepladder top.  
You could easily lose your balance or tip the ladder.  
Ladder tops warn users not to stand or sit on them.



Do not stand above the highest  
safe standing level.



Do not climb on or off a ladder from the side.  
You could push the ladder away and fall.



Do not climb down a ladder with your back to  
the ladder. You could easily slip or fall.



Never use a damaged ladder.  
Damaged ladders must be tagged  
for repair or disposal.

# LADDER SAFETY- THE RIGHT WAY



For longer ladder use two people to make it easier to carry.



Make sure that working parts move properly and all connections are secure.



Use fiberglass ladders if there is even a remote possibility of working near electricity or overhead power lines.



Climb facing the ladder.  
Center body between the rails.  
Maintain a firm grip.



If possible, have another person hold the ladder when you are working on it.



Fully open the stepladder and firmly lock both spreaders.

# Contents

## ALUMINIUM LADDER SERIES PAGE

### A. LIGHT DUTY LADDER

- i. (SSE) SINGLE SIDED LADDER 1
- ii. (DSG) DOUBLE SIDED LADDER 2

### B. MEDIUM DUTY LADDER

- i. (QL) QUEEN LADDER 3

### C. HEAVY DUTY SERIES

- I. (SL) SINGLE SIDED LADDER 4
- II. (DSL) DOUBLE SIDED LADDER 5
- III. (DP) DUAL PURPOSE LADDER 6
- IV. (MPL) MULTI PURPOSE LADDER 7
- V. (PTL) PLATFORM TROLLEY LADDER 8
- VI. (P-DEL) EXTENSION LADDER 9
- VII. (WPL) WORKING PLATFORM LADDER 10
- VIII. (TSC) TELESCOPIC LADDER 11

## FIBERGLASS LADDER SERIES PAGE

- I. (FG) FIBERGLASS SINGLE SIDED LADDER 12
- II. (DFG) FIBERGLASS DOUBLE SIDED LADDER 13
- III. (FCS) FIBERGLASS SINGLE POLE 14
- IV. (F-PTL) FIBERGLASS PLATFORM LADDER 15

## CUSTOMIZED LADDER SERIES PAGE

- I. CAT LADDER SYSTEM 16
- II. SQUARE PLATFORM LADDER WITH BRAKE SYSTEM 17
- III. SQUARE PLATFORM LADDER 17
- IV. SWIMMING POOL LADDER 17
- V. LIBRARY LADDER 18
- VI. SLIDING LADDER WITH BRAKE SYSTEM 18
- VII. 2 WAY SQUARE PLATFORM WITH BRAKE SYSTEM 18

## FABRICATION PRODUCT RANGE PAGE

- I. LETTER BOX WITH COVER 19
- II. LETTER BOX WITH WINDOW COVER 19
- III. Y HANGER 19
- IV. SHOWER POLE 20
- V. PAINTING POLE 20
- VI. MOP HANDLE 20

## OTHER PRODUCTS RANGE PAGE

- I. MINI HAND TRUCK/ PLATFORM TROLLEY 21
- II. SECURITY RATTAN 21
- III. NUMBERING AND ALPHABET PLATE 21

# LIGHT DUTY SERIES

## SINGLE SIDED A-SHAPE LADDER

### ALUMINIUM SINGLE SIDED A-SHAPE LADDER (SSE)

CODE	NO OF STEP	HEIGHT (FT)	WEIGHT (KG)	PACKAGING DIMENSION (L x W x H) MM
SSE04	4	3' 4"	2.20	440 x 100 x 980
SSE05	5	4' 2"	2.70	475 x 100 x 1230
SSE06	6	5' 0"	3.20	505 x 100 x 1475
SSE07	7	5' 10"	3.80	540 x 100 x 1715
SSE08	8	6' 8"	4.30	570 x 100 x 1960
SSE09	9	7' 6"	4.80	600 x 100 x 2210
SSE10	10	8' 4"	5.50	635 x 100 x 2455
SSE12	12	10' 0"	7.00	705 x 100 x 3000

WORKING LOAD : 90 KG



Aluminium top landing width – 280 mm.



Slip-resistant step with step width of 3 inches.



Knee-braced feature for step support.

# LIGHT DUTY SERIES

## DOUBLE SIDED A-SHAPE LADDER

### ALUMINIUM **DOUBLE SIDED** A-SHAPE LADDER (DSG)

CODE	NO OF STEP	HEIGHT (FT)	WEIGHT (KG)	PACKAGING DIMENSION (L x W x H) MM
DSG04	4	3' 1"	2.50	380 x 120 x 965
DSG05	5	4' 0"	3.20	410 x 120 x 1219
DSG06	6	4' 8"	3.80	440 x 120 x 1473
DSG07	7	5' 6"	4.40	470 x 120 x 1727
DSG08	8	6' 5"	5.00	500 x 120 x 1981
DSG09	9	7' 3"	6.30	530 x 120 x 2235
DSG10	10	8' 1"	6.50	560 x 120 x 2489

WORKING LOAD : 90 KG



Aluminium top landing width – 305 mm.



Slip-resistant step with step width of 2.5 inches.



Anti slip foot pad.



# MEDIUM DUTY SERIES

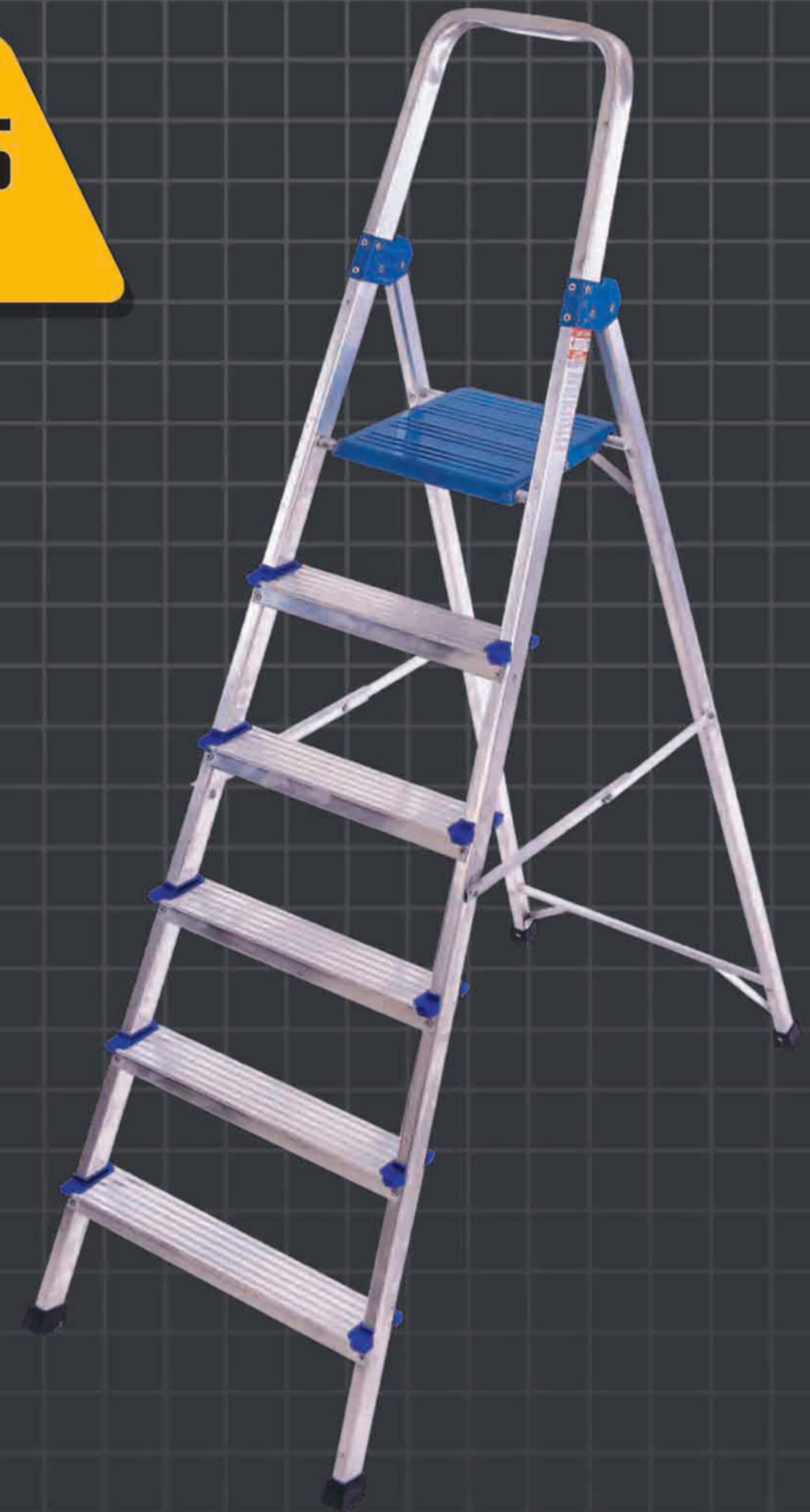
## QUEEN LADDER

# ALUMINIUM **QUEEN** LADDER WITH HANDRAIL (QL)

CODE	NO OF STEP	LADDER HEIGHT (FT)	PLATFORM HEIGHT (FT)	WEIGHT (KG)	PACKAGING DIMENSION (L x W x H) MM
QL03	3	4' 0"	2' 3"	2.80	400 x 130 x 1224
QL04	4	4' 8"	2' 11"	3.25	430 x 130 x 1427
QL05	5	5' 5"	3' 8"	4.00	470 x 130 x 1655
QL06	6	6' 2"	4' 5"	4.45	510 x 130 x 1904
QL07	7	7' 0"	5' 3"	5.00	545 x 130 x 2138
QL08	8	7' 8"	5' 11"	5.90	575 x 130 x 2341
QL09	9	8' 5"	6' 8"	6.50	605 x 130 x 2570

WORKING LOAD : 110KG

\*Platform size: 250mm (L) x 245mm (W)



Safety guide rail is to support user footstanding position.



Box up hinge to enhance safety of the joint.



Slip-resistant step with interval of 10 inches.



Light-weight and easy to carry.



Spreader feature.

# HEAVY DUTY SERIES

## SINGLE SIDED A-SHAPE LADDER

### ALUMINIUM SINGLE SIDED A-SHAPE LADDER (SL)

CODE	NO OF STEP	HEIGHT	WEIGHT	PACKAGING DIMENSION (L x W x H ) MM
SL03	3	2' 5"	1.90 KG	420 x 100 x 740
SL04	4	3' 4"	2.60 KG	450 x 100 x 1020
SL05	5	4' 2"	3.20 KG	480 x 100 x 1275
SL06	6	5' 0"	3.80 KG	510 x 100 x 1529
SL07	7	5' 10"	4.50 KG	540 x 100 x 1783
SL08	8	6' 8"	5.30 KG	570 x 100 x 2037
SL09	9	7' 6"	6.20 KG	600 x 100 x 2290
SL10	10	8' 4"	6.70 KG	635 x 100 x 2545
SL12	12	10' 0"	7.90 KG	720 x 100 x 3055
SL14	14	11' 8"	9.50 KG	785 x 100 x 3563

WORKING LOAD : 150 KG



Top landing rubber prevent any damage against wall.



Durable body to support heavy duty job.



Solid rivet spreader to strengthen locking system.



Rear horizontals for back ladder's support.



Slip-resistant step with step width of 3 inches.

# HEAVY DUTY SERIES

## DOUBLE SIDED A-SHAPE LADDER

### ALUMINIUM **DOUBLE SIDED** A-SHAPE LADDER (**DSL**)

CODE	NO OF STEP	HEIGHT (FT)	WEIGHT (KG)	PACKAGING DIMENSION (L x W x H) MM
DSL03	3	2' 5"	2.10	420 x 180 x 740
DSL04	4	3' 4"	2.70	450 x 180 x 1020
DSL05	5	4' 2"	3.25	480 x 180 x 1275
DSL06	6	5' 0"	3.85	510 x 180 x 1529
DSL07	7	5' 10"	4.50	540 x 180 x 1783
DSL08	8	6' 8"	5.25	570 x 180 x 2037
DSL09	9	7' 6"	5.85	600 x 180 x 2290
DSL10	10	8' 4"	6.75	635 x 180 x 2545

WORKING LOAD : 150 KG

*\*Available in 12, 14, 16, 18, 20, 22 and 24 steps.*



10 inches of step interval.



Durable body to support heavy duty job.



Solid rivet spreader to strengthen locking system.



Flat bar to have more stability ladder when climb on.



Slip-resistant step with step width of 3 inches.

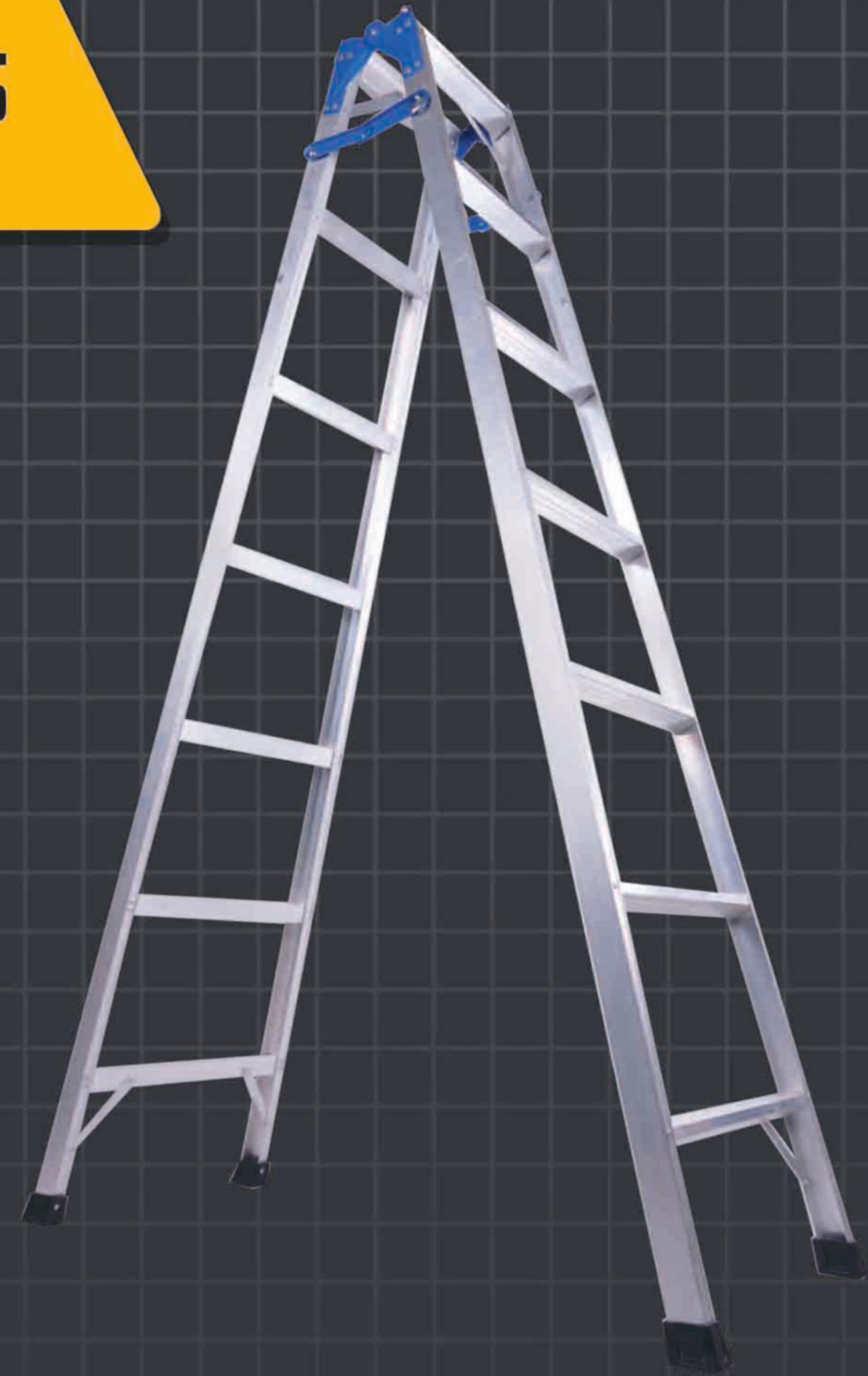
# HEAVY DUTY SERIES

## DUAL PURPOSE LADDER

### ALUMINIUM DUAL PURPOSE LADDER (DP)

CODE	NO OF STEP	HEIGHT (FT)	WEIGHT (KG)	PACKAGING DIMENSION (L x W x H) MM
DP04	4	4'	4.50	450 x 158 x 1170
DP05	5	5'	5.25	482 x 158 x 1465
DP06	6	6'	6.05	512 x 158 x 1758
DP07	7	7'	6.85	550 x 158 x 2048
DP08	8	8'	7.65	582 x 158 x 2350
DP09	9	9'	8.80	612 x 158 x 2655
DP10	10	10'	9.60	642 x 158 x 2935

WORKING LOAD : 150 KG



Solid locking hinge.



40 mm step hollow section with interval of 12 inches.



Anti slip-resistant step feature.



Bigger foot to enhance steadiness.



Knee-braced feature for step support.

# HEAVY DUTY SERIES

## MULTI PURPOSE LADDER

# ALUMINIUM MULTI PURPOSE LADDER (MPL)

CODE	NO OF STEP	HEIGHT (FT)	WEIGHT (KG)	PACKAGING DIMENSION (L x W x H) MM
MPL12	12	12'	12.00	1030 x 610 x 265
MPL16	16	16'	14.00	1330 x 610 x 265

WORKING LOAD : 150 KG

### Product Suggestions:



Folded Mode



As Work Bench



As Platform



As Step Ladder



Lean-On Mode



Straight Length



Use hinge lock for different usage.



Foldable and easy to storage.



Wider spread leg to enhance the stability of the ladder.



# HEAVY DUTY SERIES

## PLATFORM TROLLEY LADDER

### ALUMINIUM PLATFORM TROLLEY LADDER (PTL)



CODE	HEIGHT (MM)		WEIGHT (KG)	PACKAGING DIMENSION (L x W x H) MM
	LADDER	PLATFORM		
PTL03	1,780	915	9.00	650 x 430 x 1980
PTL04	2,085	1,220	10.00	690 x 430 x 2285
PTL05	2,390	1,525	11.35	735 x 430 x 2590
PTL06	2,695	1,830	12.25	770 x 430 x 2895
PTL07	3,000	2,135	13.65	815 x 430 x 3200
PTL08	3,305	2,440	15.00	855 x 430 x 3505
PTL09	3,610	2,745	16.00	900 x 430 x 3810
PTL10	3,915	3,050	17.30	950 x 430 x 4115

WORKING LOAD : 150 KG



Wider checker platform provides secure and comfortable work area.



Handrail to support when climbing.



Foldable platform for easy storage.



Non-marking castor wheel ease for movement.



Safety guard rail.

# HEAVY DUTY SERIES

## EXTENSION LADDER

### ALUMINIUM EXTENSION LADDER (P-DEL)

CODE	HEIGHT (FT)		WEIGHT (KG)	PACKAGING DIMENSION (L x W x H) MM
	CLOSED	EXTENDED		
P-DEL108	8'	8'	4.70	2410 x 365 x 85
P-DEL110	10'	10'	6.00	3030 x 365 x 85
P-DEL112	12'	12'	7.20	3665 x 365 x 85
P-DEL115	15'	15'	9.10	4580 x 365 x 85
P-DEL208	8'	15'	9.60	2475 x 365 x 120
P-DEL210	10'	18'	12.10	3095 x 365 x 120
P-DEL212	12'	21'	14.50	3730 x 365 x 120
P-DEL215	15'	27'	18.20	4615 x 365 x 120
P-DEL308	8'	20'	14.70	2565 x 365 x 175
P-DEL310	10'	26'	18.50	3180 x 365 x 175
P-DEL312	12'	32'	22.10	3820 x 365 x 175
P-DEL315	15'	41'	27.70	4715 x 365 x 175

WORKING LOAD : 150 KG



Wider width of rung for easy climbing.



Aluminium solid hook.



Solid side rail.



Wider rubber shoe.

# HEAVY DUTY SERIES

## WORKING PLATFORM LADDER

### ALUMINIUM WORKING PLATFORM LADDER (WPL)

CODE	NO OF STEP	HEIGHT (FT)	WEIGHT (KG)	PACKAGING DIMENSION (L x W x H) MM
WPL03	3	2' 9"	5.4 KG	870 x 300 x 190
WPL04	4	3' 3"	8.0 KG	870 x 300 x 220

WORKING LOAD : 150 KG



Solid rivet locking system to secure the right position of the ladder.



40 mm step width with slip resistant features.



Large non-skid area for standing.



Easy for storage.



Interval of 12 inches.



# HEAVY DUTY SERIES

## TELESCOPIC LADDER

# ALUMINIUM TELESCOPIC LADDER (TSC)

CODE	PRODUCT DESCRIPTION	WEIGHT (KG)	HEIGHT (FT)		
			A-SHAPE	EXTENDED A-SHAPE	STRAIGHT HEIGHT
TSC 3x4	TELESCOPIC LADDER - 3 x 3	13	3'	5'	10'
TSC 4x4	TELESCOPIC LADDER - 4 x 4	16	4'	7'	14'
TSC 5x4	TELESCOPIC LADDER - 5 x 5	19	5'	9'	18'

WORKING LOAD : 150 KG



Product suggestions:



Usable for staircase



A-Shape Ladder



Extension A-Shape



Straight Length



Aluminium die cast Punch Lock to prevent rusty issue.



Height adjustment by J-Lock.



Durable and suitable for heavy duty job.



Extra wide flared bottom for firm support.



Bigger rubber shoe to enhance the stability of ladder.

# FIBERGLASS SERIES

## SINGLE SIDED A-SHAPE LADDER



# FIBERGLASS SINGLE SIDED A SHAPE LADDER (FG)

CODE	NO OF STEP	HEIGHT (FT)	WEIGHT (KG)	PACKAGING DIMENSION (L x W x H) MM
FG05	5	5'	7.80	540 x 155 x 1560
FG06	6	6'	8.90	570 x 155 x 1870
FG07	7	7'	10.20	610 x 155 x 2170
FG08	8	8'	11.90	650 x 155 x 2480
FG09	9	9'	13.50	690 x 155 x 2780
FG10	10	10'	15.00	790 x 155 x 3090
FG12	12	12'	22.30	808 x 155 x 3700

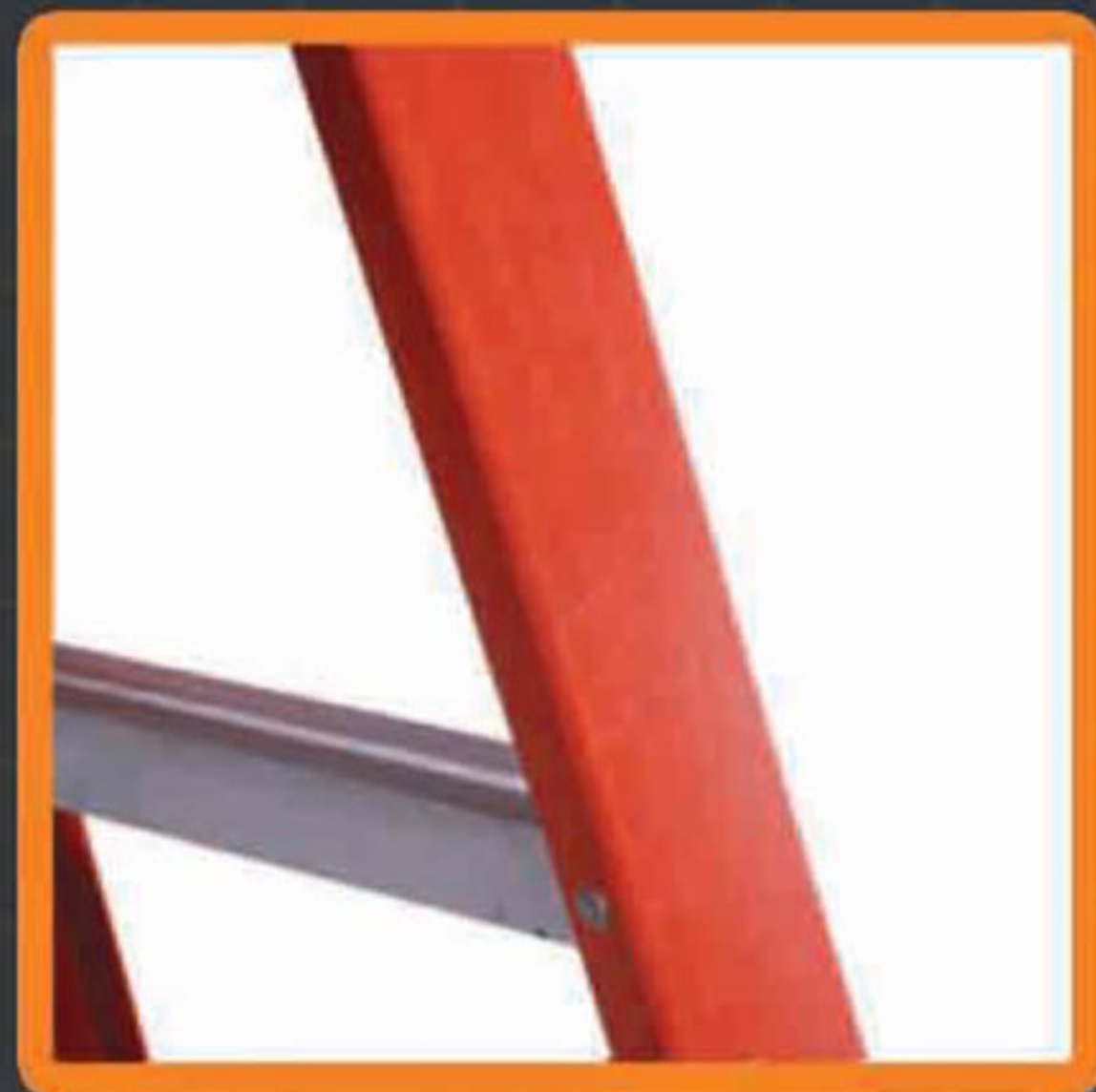
WORKING LOAD: 150 KG



*\*Pass 60 KVA non-conductive tested by valid testing body.*



HPDE plastic top with tool storage feature.



High strength fiberglass side rails.



Heavy duty internal spreader.



Foot pads provides enhanced strength and increased protection.



Step-resistant feature.

# FIBERGLASS SERIES

## DOUBLE SIDED A-SHAPE LADDER



# FIBERGLASS DOUBLE SIDED A SHAPE LADDER (DFG)

CODE	NO OF STEP	HEIGHT (FT)	WEIGHT (KG)	PACKAGING DIMENSION (L x W x H) MM
DFG06	6	6'	12.20	575 x 200 x 1870
DFG08	8	8'	15.80	650 x 200 x 2480
DFG10	10	10'	20.50	720 x 200 x 3090
DFG12	12	12'	31.00	808 x 200 x 3700

WORKING LOAD : 150 KG



*\*Pass 60 KVA non-conductive tested by valid testing body.*



Solid aluminium top landing.



High strength fiberglass side rails.



Heavy duty internal spreader.



Foot pads provides enhanced strength and increased protection.



Step-resistant feature.

# FIBERGLASS SERIES

## SINGLE POLE LADDER



# FIBERGLASS SINGLE POLE LADDER (FCS)

CODE	NO OF RUNG	HEIGHT	WEIGHT	PACKAGING DIMENSION (MM)
FCS-1036	10	12'	9.3 KG	3090 x 480 x 80
FCS-1242	12	15'	11.9 KG	3700 x 480 x 80

WORKING LOAD : 150 KG

*\*Pass 60 KVA non-conductive tested by valid testing body.*



Full channel stiles made of high strength fiberglass reinforced plastic composites.



Slip-resistant rubber end caps help prevent marks on wall.



12 inches of spacing between rungs for suitable for industrial use.



Bigger slip-resistant rubber shoe to have better grip on the even floor.



# FIBERGLASS SERIES

## PLATFORM TROLLEY LADDER



# FIBERGLASS PLATFORM TROLLEY LADDER (F-PTL)

CODE	HEIGHT (MM)		WEIGHT (KG)	PLATFORM SIZE (MM) (L x W)
	HANDLE	PLATFORM		
F-PTL03	1,920	915	12.0	600 x 400
F-PTL04	2,220	1,220	13.2	600 x 400
F-PTL05	2,510	1,510	14.5	600 x 400
F-PTL06	2,810	1,810	15.9	600 x 400
F-PTL07	3,110	2,110	21.2	600 x 400
F-PTL08	3,405	2,410	22.2	600 x 400
F-PTL09	3,700	2,700	23.6	600 x 400
F-PTL10	4,010	3,010	24.7	600 x 400
F-PTL11	4,260	3,300	26.0	600 x 400
F-PTL12	4,585	3,585	27.4	600 x 400

WORKING LOAD : 150 KG



Aluminium front guide rail to increase user safety.



Wider checker platform provides secure and comfortable work area.



Castor wheel allow user to move easily.



Inner hinge spreader to increase safety feature.



Bigger slip-resistant rubber shoe.

# CAT LADDER SYSTEM



**90° Bracket**



**Central Bracket**  
6.5", 7.5" & 9.5"



**Elbow Bracket**  
6.5", 7.5" & 9.5"



**Central Joint**



**Floor Bracket**



**Handrail**



**Joint Bracket**



**Cage**



# CUSTOMIZED LADDER

**SQUARE  
PLATFORM  
WITH BRAKE SYSTEM**



**SQUARE  
PLATFORM  
LADDER**



**SWIMMING  
POOL  
LADDER**



# CUSTOMIZED LADDER

**LIBRARY  
LADDER**



**SLIDING  
LADDER  
WITH BRAKE SYSTEM**



**2 WAY SQUARE  
PLATFORM  
LADDER WITH BRAKE SYSTEM**





# FABRICATION PRODUCTS RANGE

## LETTER BOX WITH COVER



CODE	SIZE
Letterbox Cover	10"
Letterbox Cover	12"
Letterbox Cover	13.5"

## LETTER BOX WITH WINDOW COVER



CODE	SIZE
LB Window	10" x 10"
LB Window	13.5" x 13.5"

## Y HANGER



CODE	EXTENDED LENGTH	CLOSED LENGTH
Y204	50"	30"



# FABRICATION PRODUCTS RANGE

## SHOWER POLE



CODE	EXTENDED LENGTH	CLOSED LENGTH
SC-3.5	3' 5"	2'
SC-6.0	6'	3'
SC-8.0	8'	4'

## PAINTING POLE



CODE	LENGTH
P204	2' x 4'
P205	2' x 5'
P206	2' x 6'

## MOP HANDLE



CODE	LENGTH
MH-4	4'
MH-5	5'

# OTHER PRODUCTS RANGE

## HAND TRUCK / MINI HAND TRUCK



**CODE**

**PLATFORM  
SIZE (MM)**

FPT-630

Working load: 150kg

Weight: 7.0kg

312 x 192

## SECURITY RATTAN



**CODE**

**SIZE**

SR-2" x 3

2" x 3'

SR-S1" x 3

1" x 3'

BR/FBR-1/2" x 6

1/2" x 6

## NUMBERING & ALPHABET PLATE

A B C 3 2 1



**CODE**

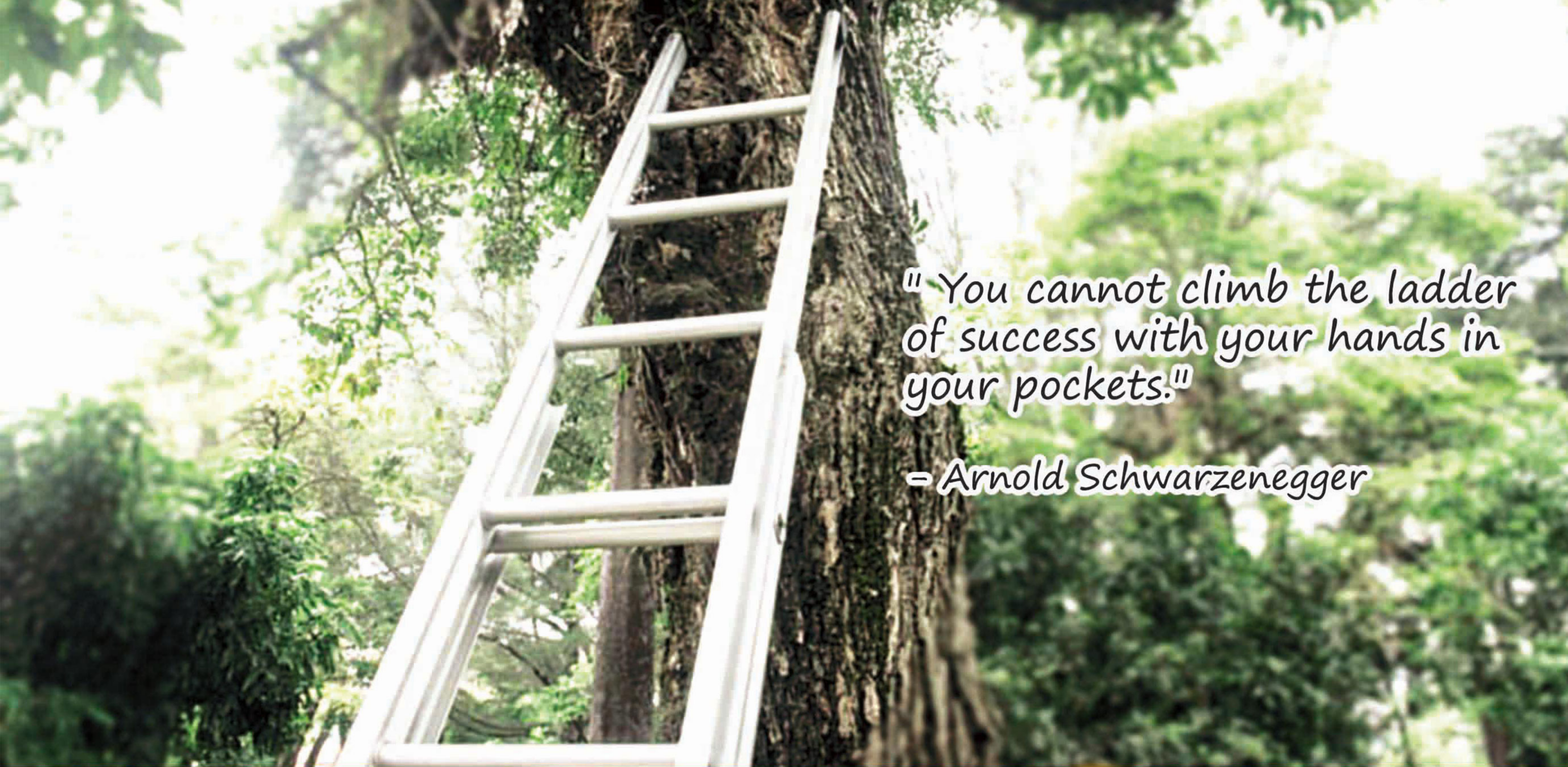
**SIZE**

Numbering & Alphabet

2"

Numbering & Alphabet

4"



" You cannot climb the ladder of success with your hands in your pockets."

- Arnold Schwarzenegger

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