

Product Description

Pro Series Fibreglass Step Extension Ladder - PFSE



Stepladder Mode



Adjustable Stair Stepladder Mode



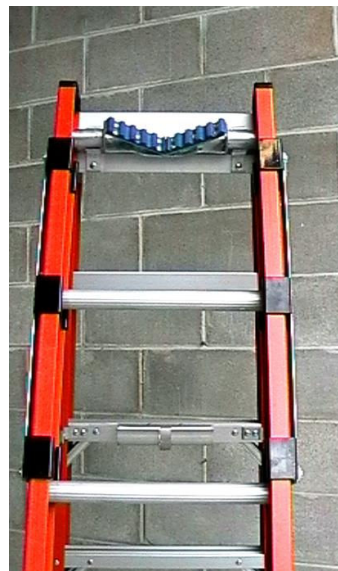
Heavy Duty Spreader and Guide Assy



Adjustable Extension Mode



Adjustable Pole Mode



Pole V rung and 6 sleeve guide brackets

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Padded Pole V rung



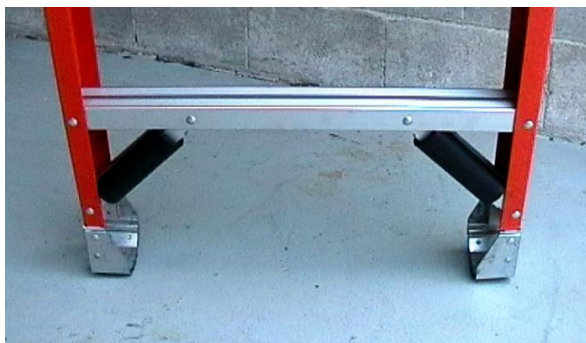
Heavy duty spreader bars



Wide body rear feet



Rung lock assembly



Wide body front feet  
and rubber wear protectors



Rung catch step and lock



## Product Description

### Pro Series Fibreglass Step Extension Ladder - PFSE

Pro Series Fibreglass Step Extension Ladder

| Model No | "A" Frame Configuration Height | Maximum Length of Extended Mode | Approximate Weight |
|----------|--------------------------------|---------------------------------|--------------------|
| PFSE6    | 6ft / 1.8 m                    | 10ft / 3.0 m                    | 13.5 kg            |
| PFSE7    | 7ft / 2.1 m                    | 12ft / 3.5 m                    | 15.9 kg            |
| PFSE8    | 8ft / 2.4 m                    | 14ft / 4.3 m                    | 17.9 kg            |

Conforms to AS / NZ 1892.3.1996

Load Rating: 150 Kg.

Side rails: Fibreglass.

Treads & Rungs: Structural Aluminium Alloy T6.

Part number: PFSE

#### General Assembly Description

Description: Indalex Step Extension Ladder Model Number PFSE7.

Modes of use:

- 1) Step ladder mode
- 2) Stair ladder mode
- 3) Extension mode
- 4) Extension pole mode

#### Details

Self-supporting "A" frame of fibreglass and aluminium construction converting to extension ladder with minimal ease and training, by singular technician in confined spaces.

Design innovations: Complies with weight limitations whilst meeting 150kg Industrial Load Rating.

Strong front stile bracing and angular top cap reduce twisting.

Semi circular rung catch with lock assembly combined with a multi adjustable back frame.

Flared footed rear stile coupled with oversize riveted heavy sectioned spreader bars incorporating 6 sleeve guide bracket system to provide outstanding stability and anti walk features.

The traditional Indalex component strengths have been maintained, i.e. the use of high strength solid aluminium rivets, the temper of aluminium sections is T6, and all the fibreglass and aluminium sections being the most appropriate engineered profiles for ladder usage.

#### Performance Test Report

Tested under AS/NZS 1892.3.1996 Covering Portable Reinforced Plastic Ladders.

Sections 9.2, 9.3, 9.5 and other.

Industrial Load Rating = 150kg



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## **General and Functional Requirements Conformance**

Stability, development of the "6 sleeve guide bracket, oversized spreader and rivet system" coupled with rear wide bodied feet sees major improvements in overall ladder stability. Load Rating, in line with Indalex professional series ladder program, a minimum load rating of 150kg has been achieved. Non conductivity, fibreglass has been chosen as the main substrate for the protection of technicians.

**Pole work**, capability and safety have been assured by the development of a padded V rung.

**Stair work**, configurable to adapt to work on stairs by adjusting the back section when in step ladder mode.

**Compactness**, Vans and Internal confined space operation. Ladder design has met the requirement of telecommunication industry briefs for interior usage.

**Construction**, by the selection of the appropriate materials and gauges, best weight to performance has been achieved. Oversized rivets utilised in key areas, and adequate bracing used on frame to provide excellent torsional resistance.

**Durability**, Indalex is known for durable ladder manufacture. It is expected 5 + years of service can be expected of normal usage with adherence to maintenance recommendations.

**Safety**, a concern of paramount importance and has been at the forefront of specification requirements when designing ladders for industry. The overall safety of the ladder has already been proven by field trials conducted by the telecommunication industry over past several years. Further demonstration of safety is the compliance to AS/NZS 1892.3.1996.

**Functionality**, the ladder is very user friendly. Operation in all modes is achieved with ease and requires minimal training for all skill levels.

**Cost effectiveness**, investment recovered over the increased service life of product, which is expected to be in the order of 5 + years.

**Product design**, is at the forefront of step extension ladder design worldwide, indeed it has been commented as the world's best.

**UV exposure**, considering Australia's harsh conditions, UV light is one of the most damaging elements to standard fibreglass. To ensure long ladder life and the retention of original mechanical properties Indalex incorporate UV stabilising agents into the production of all their fibreglass components.

**Product marking**, Indalex, Date of Manufacture marking (letter & numerical code) shall be permanently marked into rear of lower front tread. eg. Q123 where (Q=Year) (Numbers=day) An individual serial number register and marking program pertaining to ladders can be instigated.



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## **Quality**

Materials are sourced from quality endorsed companies, whom are leaders in their chosen field of product manufacture and have a proven history with Indalex, or our affiliates. Indalex's own Quality Management System, ISO 9001:2000 accreditation by Lloyd's Register Quality Assurance, ensures ladders are constructed and tested to conform to the relevant Australian and customer specified standards. Documented procedures are maintained throughout operation and quality system audits are conducted on a regular basis.

## **Product Development**

Indalex expertise and commitment to ladder manufacture will ensure the ongoing development of ladder design and manufacturing techniques across the spectrum of ladder manufacture. Our commitment to above shall also be demonstrated by taking an active role in end user research, in conjunction with our partners to ensure both parties continue to be leaders in their chosen field.

Genesis of design improvement may be identified by either party and put forward for consideration at any time.

## **Health, Safety and Environmental Considerations.**

By its very nature aluminium and cured fibreglass do not pose a great health or safety issue.

Technician safety issues are covered in the "Fibreglass Technical Manual".

## **Product Introduction and Training**

We can organise full support for the proper introduction and training of key staff re the safe use, care and maintenance of the Step Extension ladder.

For more information, please contact:

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