

JumboStep ISO

Safety Manual



SKYLAX Safety Manual can help evaluating the risk of a ladder job. A good risk evaluation requires the following controls: **1. Operation Control:** do you need a ladder for the job or can it be done better otherwise? **2. Environment control:** try to list up all potential risks coming from the environment of the ladder and the job! **3. Operator Control:** are you sure you got the right person to do the ladder-job? **4. Product Control:** check the ladder itself going through the „**Checklist**“ at the end of this page. **5. Accident Reports:** Report ladder accidents and ladder injuries to ILMAC, the "International Ladder Manufacturers' Convention" (see "checklist")

Product Identification

Brand: JumboStep ISO. Utility: portable, folding and self-supporting fibreglass stair for works up to 3,00 - 3,50 m (2-5 treads). Maximum weight: 10 kg. Maximum load: 250 kg. Test load: 1000 kg Supplier: See Invoice / Way-Bill

Ingredients

(AL) Rolled aluminium, anodised
(PE) Pulltruded fibreglass profiles
(FE) Galvanized steel
(PA) Nylon 6
(PA) Nylon 6 reinforced with glass fibres
(PET) Self adhesive polyethylene foam
(PE) Self adhesive polyester

Danger

10 CAUSES OF LADDER ACCIDENTS:

1. Complacency about danger
2. Dizziness and poor balance
3. Fatigue and weak muscles and bones
4. Poor vision
5. Poor hearing (exposure to noise)
6. Ladder touching live electrical conductors
7. Ladder slipping at top
8. Ladder slipping at base
9. Ladder resting against moveable objects
10. Falling materials

Handling Information

Open and close the ladder rotating the upper tread

Protection Information

- Check the ladder (see "checklist ")
- Maximum load / Duty rating: 250 kg
- Ask your doctor when dizzy or "wobbly"
- Accident-proof your ladder by testing stability
- Assure more lighting
- Assure good hearing hygiene + accurate noise protection
- Prompt reflexes: pay attention to your age, alcohol, medications
- Use *ergonomic ladders* with freestanding treads.

Recognition tips for "ergonomic ladders":

- 1 low weight (or less than 25 kg)
 - 2 large steps (surface 0,26 m x 0.36 m)
 - 3 treads laterally not closed by rails
 - 4 self-locking positioning
 - 5 self-instructing handling
 - 6 colour design
- Avoid heavy ladders (more than 20-25 kg equiv. ca. 7 meters long standard aluminium ladder)
 - Do not repair portable ladders
 - Do not apply accessories and fittings on portable ladders, e.g. hooks, clasps, points, levellers, platforms, footboards, rolls, roads, spacers, boards, depositaries
 - Do not use the ladder when closed
 - Insure to open and close the ladder rotating the upper tread – so you will protect the lateral spreader bars
 - Use for electrical applications.
Dielectric Strength: > 3 kV/mm.

Ecological Data

- Life cycle: 5-10 years
- Packaging in cardboard + polyester foam inserts

Recycling

- All plastic parts - except PA-cushions of steps - can be removed and collected for recycling
- Tread layers can be removed for recycling
- All steel parts can be removed and collected for total recycling
- All aluminium parts can be totally recycled

Transport Inform.

First close the ladder rotating the upper tread

Standards

ASTM D 149; UNI 4291

CHECKLIST

A: Replace Spare-parts

- | | |
|--|--------------------------|
| 1. spreader-bar (2) deformed / broken | <input type="checkbox"/> |
| 2. steel cross-plate deformed / loose rivets | <input type="checkbox"/> |
| 3. ladder shoe (4) lost | <input type="checkbox"/> |
| 4. Kick-Stop in ladder shoe (2) eaten up | <input type="checkbox"/> |
| 5. black round stoppers (8-20) broken | <input type="checkbox"/> |
| 6. tread (2-5) deformed (no risk) | <input type="checkbox"/> |
| 7. rubber pad is deformed or broken | <input type="checkbox"/> |
| 8. the ladder totters: check 1-4, if persists: | <input type="checkbox"/> |

B: Replace complete ladder

- | | |
|--|--------------------------|
| 9. surface of a stile profile not linear | <input type="checkbox"/> |
| 10. tread (2-5) broken | <input type="checkbox"/> |

C: Report accidents to ILMAC

- | | |
|---|--------------------------|
| 11. http://www.skylax.com/ilmaceq.htm | <input type="checkbox"/> |
|---|--------------------------|

Dielectric Certificate upon request

KingStep ISO

Safety Manual



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Product Identification

Brand: KingStep ISO. Utility: portable, folding and self-supporting fibreglass stair with parapet for works up to 2.70 - 3,00 m (2-4 treads). Maximum weight: 10 kg. Maximum load: 250 kg. Test load: 1000 kg. Supplier: See Invoice / Way-Bill

Ingredients

(AL) Rolled anodised aluminium
(PE) Pulltruded fibreglass profiles
(FE) Galvanized steel
(PA) Nylon 6
(PA) Nylon 6 reinforced with glass fibres
(PET) Self adhesive polyethylene foam
(PE) Self adhesive polyester stickers
(PUR) Self adhesive polyurethane

Danger

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4. Poor vision
5. Poor hearing (exposure to noise)
6. Ladder touching live electrical conductors
7. Ladder slipping at top
8. Ladder slipping at base
9. Ladder resting against moveable objects
10. Falling materials

Handling Information

Open and close the ladder rotating the upper tread

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