

# INSTRUCTION MANUAL FOR TELESCOPIC ALUMINIUM LADDER

## **Introduction:**

The telescopic ladder, by its unique construction, extends from a compact format (illustration 1) to, either full length (illustration 2) or any intermediate length (illustration 3).

The telescopic ladder must be handled, cared for & maintained in accordance with the following instructions.

## **Locking Mechanism:**

The telescopic ladder locks at ever step with two steel locking pins that automatically spring into place when the ladder is opened (extended)

Each locking pin is connected to locking lever (Illustration 4) that has 2 functions:

- 1 To indicate that an opened ladder is securely locked, both locking handle buttons are near the ladder rails.
- 2 When closing the ladder, the locking levers will release the locking mechanism automatically, as each section is lowered. There are a distance between each rung side locking handle buttons and joint plastic.

## **Opening the ladder... FULL LENGTH:**

To open the ladder to its full length proceed as follows:

- 1 The ladder is opened to its full length by placing it on a firm level surface. During opening, stabilize the ladder with one foot placed on the lower step (Illustration 6)
- 2 Open the ladder from the top by gripping the top step with both hands. Extend the top section fully and then extend the next section fully. At the same time check that both locking handle buttons (Illustration - AA7) is near the handle rails (Illustration 5). Ensure the ladder is reliably locked.
- 3 Continue opening section by section until the ladder is opened to its full length (Illustration 2)

***NOTE – CHECK CAREFULLY THAT THE LOCKING LEAVERS WITH PULL RINGS ARE IN THE LOCKED POSITION.***

## **Opening the ladder... INTERMEDIATE LENGTH:**

To open the telescopic ladder to any intermediate length proceed as follows:

- 1 The ladder is opened to any intermediate length by placing it on a firm level surface. During opening stabilize the ladder with one foot placed on the lower step (Illustration 6)
- 2 Open the ladder by extending the bottom section using both hands, grip the third step (counted from the bottom) and extend this section fully by opening upwards (Illustration 9)
- 3 Thereafter, continue with a section at a time until the ladder is extended to the desired length.
- 4 Check that both the locking handle button on each step near ladder rails, in relation to the step at each section (Illustration 5). Ensure the open ladder section is reliably locked.

## **Closing the ladder:**

To close the ladder please proceed as follows:

- 1 Hold the ladder in an upright position. With one hand gripped firmly on one of the vertical tubes (Illustration 11)
- 2 With one hand, pull locking handle button (Illustration 11), one at a time, until the locking mechanism is released, then step by step. At the end the ladder is closed.

***NOTE – TO AVOID GETTING YOUR HANDS TRAPPED, DO NOT PUT THEM ON OR BETWEEN THE STEPS WHILE CLOSING THE LADDER.***

## **Shortening the opened ladder:**

When shortening an already opened ladder, always close the ladder first (See “Closing the ladder”) and thereafter open the ladder to the desired length. (See “Opening the ladder intermediate length”)

## **Cautions & Warnings:**

For safety reasons ladders in general shall be used with care & common sense.

With regard to the telescopic ladder, we also want to point out the following...

- 1 The ladder is used at an angle of 75 degrees, in relation to the ground (Illustration 13)
- 2 The ladder is built for a max weight load of 150kg (Illustration 14)
- 3 The ladder must be used on a firm level surface.
- 4 The upper rung MUST NOT be used as a foot step.
- 5 The ladder must be used with a regular distance between the steps (Illustration 15)
- 6 Avoid using the ladder in locations such as water filled wells, as this may result in a malfunction due to dirt & water getting into the tubes.
- 7 Avoid subjecting the ladder to knocks or rough treatment as damage to the tubes directly affects the telescopic function.
- 8 Always transport in the folded position so that the telescopic tubes are protected inside each other & cannot be damaged.
- 9 The ladder must not be used hanging from the top rung.
- 10 Do not open, close or use the ladder upside down.
- 11 The ladder must not be used in a horizontal position, such as resting on a step or sawhorse. In an emergency situation the ladder can be used as a stretcher if extended to the maximum length of approx 2M.

