

FACAL

... *Le Scale Italiane*

EN 131 2018

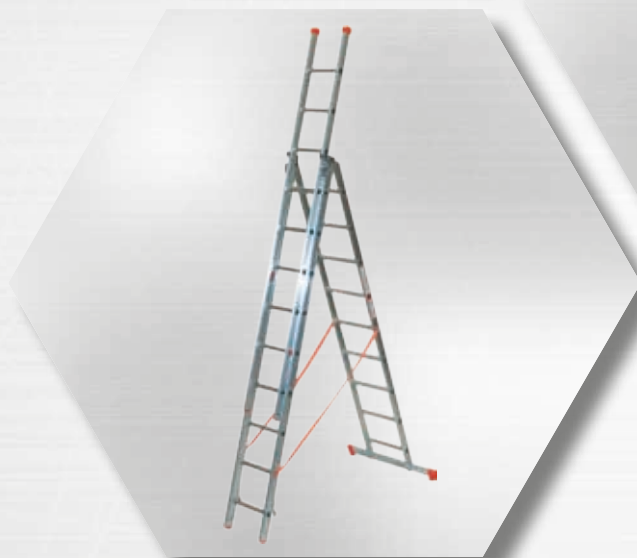
NEW EN 131 - 1 FUNCTIONAL SIZES

NEW EN 131 - 2 TESTING

June 2017

*We are ready
to implement
the new*

*Norm from
01.01.2018*



What's the difference...

From 1st January 2018 the new Norm comes into force and it introduces the obligation for all ladders with a length of 3 m. or more, to have the stabilizing bar as support base; stabilizing bars need to be extended up to a maximum width of 1,20 meters. As an alternative the ladders should be equipped with side stabilizers or they should be use with flared base. If the upper and middle section of a combination ladder is more than 3 meters length, it should not be separated anymore from the base to be used as a leaning ladder. All the ladders produced before 1st January 2018 can be sold even after this date according to the previous configuration.

UNTIL 31/12/2017

FROM 01/01/2018

COMBINATION LADDER EXTENDING + STANDING POSITION

Super Prima
Dama
Genia
Stilo
Super Vetroprima



wider stabilizing bars

EXTENDING LADDER

Roller
Super Prima with rope



The ladder can be parallel



Introduction of stabilizing bars or stabilizers

LEANING LADDER

Prima/S
Prima/L
Genia/S
Stilo/S
Vetroprima/S
Conica



The ladder can be parallel



Introduction of stabilizing bars for length higher than 3 m

STEPLADDERS AND HOUSEHOLD LADDERS

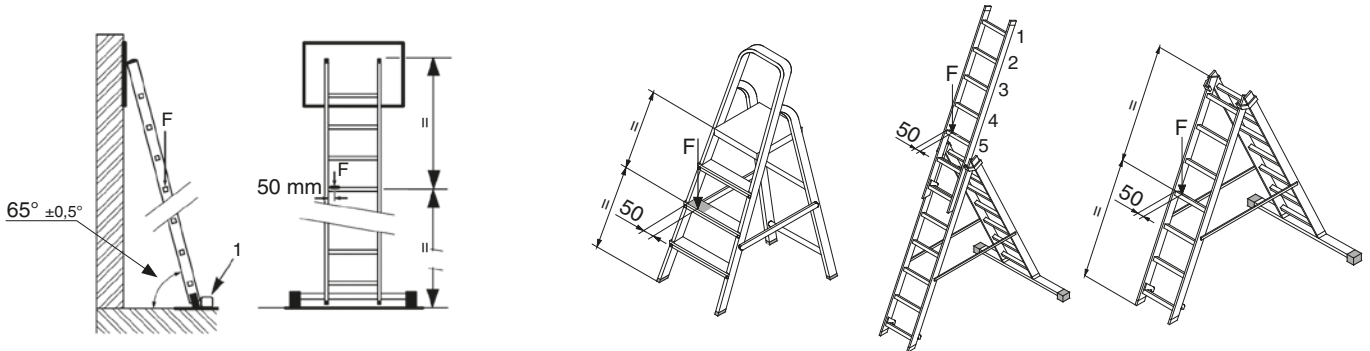
Quadra
Mayorà
Più su
Dupla
Professional1
Vetroprof1
Strumenta
Filo
Eurodomus



UNCHANGED

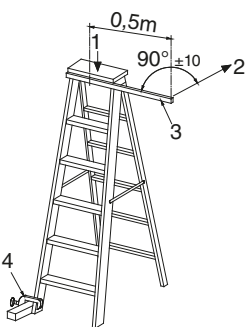
The Norm introduces new test such as the material strength, torsion, fatigue durability and slip resistance. A new classification of the ladders is introduced according to the test loads and their duration:

- **NON PROFESSIONAL USE** (or private use): test load up to 1500N /1 min. and dynamic test of 10.000 cycles;
- **PROFESSIONAL USE**: test load up to 1500N /1 min. and dynamic test of 50.000 cycles.

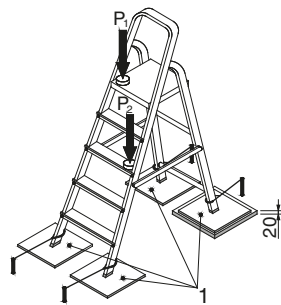


VERTICAL LOAD TEST ON THE LADDER

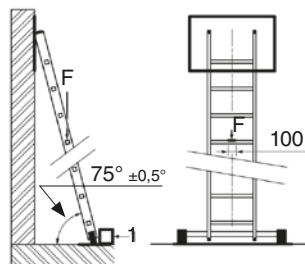
VERTICAL LOAD TEST ON THE LADDER



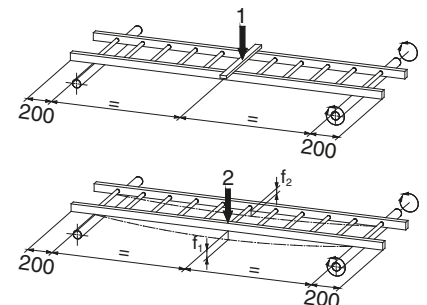
TORSION TEST OF THE LADDER



FATIGUE DURABILITY TEST



BASE SLIP TEST ON GLASS



TORSION TEST OF THE STILES

A load of 736 N is applied on the topmost rung/tread or platform. At the same time a test load of 136 N is applied sideways 50 cm horizontally from the centre of the ladder.

NON PROFESSIONAL
1500N/ 10.000 cycles
PROFESSIONAL
1500N / 50.000 cycle

It checks the resistance of the rubber feet to the slip

The Norm introduces detailed instructions for the creation of the user's guide and stickers.

Introduction of a check list for the periodic control of the wear rate of the item.

Every ladder is equipped with the user's guide containing all information for the correct use of the product.

The stickers, positioned on the side of the ladder, contain new and larger pictograms.



FACAL

... *Le Scale Italiane*

Via G. Di Vittorio, 42 - 46045 Marmirolo
Zona Industriale - Mantova (Italy)
Tel. +39 0376 467893 - Fax +39 0376 467894
www.facalscale.it - info@facalscale.it

