

# sofamel

## Product Technical Specifications



### Mod. EF/M Combined ladder

#### Functionality

Safety ladder for professionals who need to work at height with great stability and good electrical insulation. Designed for intensive use. The combined system is multifunctional, since it has the possibility of using the ladder in the form of scissors or manual extensible.

#### Product Features

- Multifunctional ladder, scissors or extensible.
- Insulator before electrical and thermal agents.
- Antimagnetic and resistant to humidity, acids, corrosion and ultraviolet rays.
- Both structure and rungs made of fiberglass.
- 30 mm steps with non-slip surface.
- Includes system of locks.
- Removable anti-opening security tape.
- Non-slip rubber pads.
- Sliding rollers between sections to avoid wear of the profiles.
- Sliding wheels for the facades.
- Red step according to the standard EN-131 as indicative of the limit of ascent.
- Maximum load supported: 150 Kg

**\* Warning:** Do not use the 3 upper rungs. The measurement from the last one that can be used (4 steps) is about 1m.



## Mod. EF/M

### Combined ladder

Ref.	Height scissor (m)	Height extended (m)	Width (m)		Distance between steps (m)	Nº Steps	Weight (Kg)
			Ladder	Base			
EF/M-3006	1,780	3,000	0,45	0,645	0,28	2x6	15
EF/M-4008	2,340	4,120		0,735		2x8	18
EF/M-5010	2,940	4,960		0,825		2x10	21
EF/M-6012	3,500	6,080		0,915		2x12	24

### Raw Material Features

Structure: **Fiberglass.**

Step: **Fiberglass.**

### Electrical Features

The insulation test between rungs was carried out according to the **UNE-EN 50528** and **UNE-EN 61478** standards.

This test certifies a **100 kV** isolation between steps.

### Certified

According to the Standard:

**EN 131:** European Standard on Ladders

**UNE-EN 50528:** Insulating ladders for use in or near low voltage electrical installations.

**UNE-EN 61478:** Live working. Stairs made of insulating material