

Reference Standards

Legislative Decree no. 81 dated April 9, 2008

Art. 111 - Employer obligations in using equipment for work above ground

- The employer, when temporary work above ground cannot be performed in safety conditions and adequate ergonomic conditions from a place suited for this purpose, selects the most appropriate work equipment to guarantee and maintain safe work conditions, according to the following criteria:
 - priority to group protection measures over personal protection measures;
 - work equipment dimensions suited to the nature of the work to be performed, expected stress and circulation without risks.
- The employer selects the most suitable type of access system to temporary workplaces above ground in relation to circulation frequency, altitude and duration of work. The adopted access system must permit evacuation in the event of imminent danger. The passage from an access system to platforms, scaffolds, catwalks and vice versa should not infer additional fall risks.
- The employer ensures that a ladder is only used as an above ground workplace when the use of other work equipment considered safer is not justified due to the limited risk level and short-term use or site features that cannot be modified.
- The employer ensures that access and positioning systems are used with cords to which the worker is directly supports, only in circumstances in which, following risk assessment, work can be safely performed and the use of other equipment considered safer is not justified due to the short-term use and site features that cannot be modified. The employee ensures the use of a seat equipped with specific accessories according to the risk assessment results and, specifically, work duration and ergonomic restrictions.
- The employer, according to the type of work equipment adopted based on the previous points, identifies measures to minimise worker risks, intrinsic to the equipment in question, installing, where necessary, fall protection devices. These devices must have a configuration and resistance to avoid or stop falls from above ground work sites and prevent, where possible, any worker injuries. Group protection devices against falls may only include interruptions in points where there are ladders or rungs.
- For special work, the employer may require the temporary elimination of a group protection device against falls, adopting equivalent and efficient safety measures. Work is performed after adopting these measures. Once this special work is permanently or temporarily completed, the group protection devices against falls must be restored.
- The employer only performs temporary work above ground if weather conditions do not put workers' safety and health in jeopardy.
- The employer also prohibits workers assigned to above ground work from drinking or administering alcohol or hard liquor.

Art 113 Ladders

- The simple ladders (carried by hand) must be manufactured by proper material for their use, they must be strong enough as a whole and in every single element and they must have proper dimensions for their use... <omissis>
They must have also:
 - non-slip devices on the top and on the bottom of the two uprights.
 - Holding hooks or non-slip elements on the top parts, when it is necessary to fix the stability of the ladder
- For ladders that are equipped with holding devices on the top, even if sliding on rails, the safety devices stated in the letters a) and b) paragraph 3 are not required. <omissis>
- When the use of the ladder, due to its height or to other reason, causes danger of instability, it must be insured or hold to the foot by another person.
- The employer shall ensure that the rung ladders are placed in a proper way so that to ensure the stability during their use and following these points: a) the portable rung ladders must be placed on a fixed and strong support. This support must have proper dimensions so that to ensure the horizontal position of the rungs; b) the rung hanging ladders must be fixed in a safety way and, rope ladders a part, in order to avoid any kind of change of position and oscillating movements; c) by using a portable rung ladder, the sliding foot must be prevented by fixing the upper or the bottom part of the uprights, or by using any other non-slip device or any other efficient solution; d) the access rung ladders must be long enough in order to overpass the access level unless there is another device that can grant the safety access; e) the rung ladders composed by different elements must be used so that every element is well fixed; f) the mobile rung ladders must be fixed permanently before to be used.
- The employers ensures the rung ladders are used so that the operator has in every moment a safety handling support. In particular by carrying a weight on a rung ladder, the operator must always have a safety handle.
- To use the portable extendable ladder of two or more elements (like the Italian version or similar), in addition to what stated into the paragraph n.3, it is compulsory to follow these points:
 - the extended length must not be more than 15mt, except for particular situation and in case the top part of the ladder must be ensured to fixed supports.
 - The extended ladders, that are longer than 8, must have the section divider in order to reduce the swaying movement of the ladder.
 - No employer must be on the ladder during the lateral movement of the ladder itself
 - During the execution of the work, another ground person must pay attention to the ladder.
- The double ladders must not overpass the 5 mt of length and they must be equipped with chain or some other device that prevent the opening of the ladder over the safety limit.
- It is allowed the dispensation of manufacturing aspect for the paragraph 3.8 and 8 for the portable ladders that are in compliance with the attachment XX (Cfr. EN131).

Please note: by working on ladder at more than 2 mt of height, it is advisable to be ensured against falls (for example by adopting Italian Presidential Decree Ce harness secured to fixed elements).

DECLARATION OF CONFORMITY

- We declare that All ladders produced by us, including that accompanying this booklet, are manufactured in compliance with the Italian Presidential Decree n. 81 dd. 08/04/2008.
- We also declare that to remain in order with previously stated standard, the use instructions labelled on the ladder, that is the warnings described in this booklet, must be strictly adhered to.



FRIGERIO CARPENTERIE S.p.A.
Il Legale rappresentante

We hereby declare that the following ladders and stools are manufactured:

- In compliance with the **EN131/1-2-3-4**
- Or in compliance with the **EN131/7** when specified
- Or in compliance with the **EN14183** when specified

(Please take a view of the identification and matriculation number placed on the ladder)

ALUMINIUM Ladder code	Description	No. Certified	Issued by	On date
SCA WT / 2-3-4	One sided stool c/w railing (EN14183)	2014/914	POLITECNICO (MI)	06/05/2014
SCA WR / 2-3-4	One sided steel stool (EN14183)	335/08/07/02/0	TÜV SÜD Czech	27/06/2008
SCA 6017 (all sizes)	One sided stool (EN14183)	2009/164	POLITECNICO (MI)	26/02/2009
SCA 6027 (all sizes)	One sided stool c/w platform (EN14183)	2009/165	POLITECNICO (MI)	26/02/2009
SCA 6033 (all sizes)	Two sided stool (EN14183)	2009/163	POLITECNICO (MI)	27/02/2009
SCA 1956 / 12-14-16-18 (EN 131)	Multipurpose telescopic ladder with rungs	339/08/07/02/0	TÜV SÜD Czech	27/06/2008
SCA 6024N / 3-4-5-6-7-8	One sided trestle ladder c/w platform	S 50059180	TÜV Rheinland	06/04/2005
SCA 1970 / 12-14-16	Multipurpose telescopic ladder with rungs	2012/487	POLITECNICO (MI)	19/03/2012
SCA 1970 / 18R-20R	Multipurpose telescopic ladder with rungs	2012/488	POLITECNICO (MI)	05/02/2012
SCA 6026 (all sizes)	One sided trestle ladder c/w platform	VA_MES 15 02 049	TÜV ITALIA (TO)	23/07/2015
SCA 6026L (all sizes)	One sided trestle ladder c/w platform	VA_MES 15 02 049	TÜV ITALIA (TO)	23/07/2015
SCA 6036 (all sizes)	One sided trestle ladder c/w platform and handrail	VA_MES 15 02 049	TÜV ITALIA (TO)	23/07/2015
SCA 6046 (all sizes)	One sided trestle ladder c/w platform	VA_MES 15 02 049	TÜV ITALIA (TO)	23/07/2015
SCA 6016 (all sizes)	One sided trestle ladder	VA_MES 15 02 049	TÜV ITALIA (TO)	23/07/2015
SCA 6020 (all sizes)	One sided trestle ladder c/w platform	VA_MES 15 02 049	TÜV ITALIA (TO)	23/07/2015
SCA 6015 (all sizes)	Two sided trestle ladder	VA_MES 15 02 049	TÜV ITALIA (TO)	23/07/2015
SCA 6087 (all sizes)	Work platform ladder (EN 131-7)	2013/247/18	POLITECNICO (MI)	18/03/2015
SCA 6088 (all sizes)	Two sided work platform ladder (EN 131-7)	2013/246/1	POLITECNICO (MI)	19/03/2015
SCA 6085 (all sizes)	Work platform ladder (EN 131-7)	2014/491/1	POLITECNICO (MI)	22/05/2014
SCA 1980 (all sizes)	Work platform ladder with rungs(EN 131-7)	2014/913/1	POLITECNICO (MI)	28/04/2014
SCA 680 (all sizes)	Straight leaning ladder –one section	VA_MES 15 02 049	TÜV ITALIA (TO)	23/07/2015
SCA 6008-(6018) all sizes)	Straight leaning conical ladder	VA_MES 15 02 049	TÜV ITALIA (TO)	23/07/2015
SCA 6028-(6038) (all sizes)	Straight leaning ladder with width of 450mm	VA_MES 15 02 049	TÜV ITALIA (TO)	23/07/2015
SCA 6048-(6058) (all sizes)	Straight leaning ladder with width of 600mm	VA_MES 15 02 049	TÜV ITALIA (TO)	23/07/2015
SCA 6078 (all sizes)	Straight leaning ladder with frontal exit	2014/492/1	POLITECNICO (MI)	14/05/2014
SCA 6082N (all sizes)	Folding working platform ladder	VA_MES 15 02 049	TÜV ITALIA (TO)	23/07/2015
SCA 3043 / 3 - 4	Multipurpose folding and articulated ladder with rungs	VA_MES 15 02 049	TÜV ITALIA (TO)	23/07/2015
SCA 3045Z / 6-7-8-9-10-11-12-13-14	Multipurpose rungs ladder two section/suneven surfaces	VA_MES 15 02 049	TÜV ITALIA (TO)	23/07/2015
SCA 3045 / 16-17-18	Multipurpose rungs ladder - two sections	VA_MES 15 02 049	TÜV ITALIA (TO)	23/07/2015
SCA 3047Z / 6-7-8-9-10-11	Multipurpose rungs ladder tree section/suneven surfaces	VA_MES 15 02 049	TÜV ITALIA (TO)	23/07/2015
SCA 3047 / 11-12-13-14	Multipurpose ladder with rungs- three sections	VA_MES 15 02 049	TÜV ITALIA (TO)	23/07/2015
SCA 3046 / 6-7-8	Straight leaning ladder with rungs – two sections	VA_MES 15 02 049	TÜV ITALIA (TO)	23/07/2015
SCA 3046 / 9-10-11-12-13-14	Straight leaning ladder with rungs – two sections	VA_MES 15 02 049	TÜV ITALIA (TO)	23/07/2015
SCA 3046 / 15-16-17-18	Straight leaning ladder with rungs – two sections	VA_MES 15 02 049	TÜV ITALIA (TO)	23/07/2015
SCA 5048 / 8-9-10	Straight leaning ladder with rungs – three sections	VA_MES 15 02 049	TÜV ITALIA (TO)	23/07/2015
SCA 5048 / 11-12-13-14	Straight leaning ladder with rungs – three sections	VA_MES 15 02 049	TÜV ITALIA (TO)	23/07/2015
SCA 3051 / 12-13-14	Straight leaning rungs ladder– two sections +rope	VA_MES 15 02 049	TÜV ITALIA (TO)	23/07/2015
SCA 3051 / 15-16-17-18	Straight leaning rungs ladder– two sections +rope	VA_MES 15 02 049	TÜV ITALIA (TO)	23/07/2015
SCA 3051 / 19-20-21-22	Straight leaning rungs ladder– two sections +rope	VA_MES 15 02 049	TÜV ITALIA (TO)	23/07/2015
SCA 3060 / 8-9-10	Straight leaning rungs ladder – three sections +rope	VA_MES 15 02 049	TÜV ITALIA (TO)	23/07/2015
SCA 3060 / 11-12-13-14	Straight leaning rungs ladder – three sections +rope	VA_MES 15 02 049	TÜV ITALIA (TO)	23/07/2015
SCA 1959 / 8-9-10	Straight leaning rungs ladder – three sections + winch	VA_MES 15 02 049	TÜV ITALIA (TO)	23/07/2015
SCA 1959 / 11-12-13-14	Straight leaning rungs ladder – three sections + winch	VA_MES 15 02 049	TÜV ITALIA (TO)	23/07/2015
SCA 1959 / 15-16-17-18	Straight leaning rungs ladder – three sections + winch	VA_MES 15 02 049	TÜV ITALIA (TO)	23/07/2015

CE Attention: the CE mark is not applicable to ladders and mobile scaffold as they are not included in the Machine Directive.

Edition October 2016 - Tutti i diritti riservati.

Frigerio Frigerio Carpenterie S.p.A. - V. Enrico Fermi, 6 - 24050 Orio Al Serio (BG)
www.frigeriospa.com - Email: info@frigeriospa.com - Fax 035.525147



USE WARNINGS

DECLARATION OF CONFORMITY

Guarantee and insurance certificate Validity from date of purchase: 10 Years

The undersigned company Frigerio Carpenterie S.p.A. guarantees the ladder described below for a period of six years from the buying date and will replace or repair, free of charge, those parts, whether materials or workmanship, which are defected at origin; it furthermore guarantees any damage to persons or things caused by those same parts if they were definitely defective on leaving the production factory.

The following are not included in this guarantee:

- defects or breakages and all consequences caused by misuse and/or lack of compliance, even if only in part, with that indicated in the instructions and/or that prescribed by the specific current standards.
- Damage caused by wear or atmospheric agents
- Interventions for presumed defects or convenience inspections

This guarantee is not valid in the case of mishandling or repairs carried out by persons not authorised by Frigerio Carpenterie S.p.A. or if carried out using non-original spare parts.

Ladder model: _____ Date of purchase: _____

Serial Number, if any -
Manufacture month/year: _____

Stamp and signature
of Retailer: _____



Company Director

Frigerio Renato



Note: not all the ladders may have all the trademarks shown above.

INSTRUCTION FOR USE

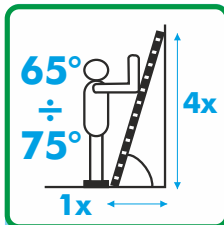
Congratulations for having chosen the quality of Frigerio products.

You have chosen a practical ladder, handy, light, but above all safe, made with top quality materials and put through strict quality checks.

You are now owner of a reliable ladder, we would like to point out, however, that its correct use is the best guarantee of safety. Enjoy using it!



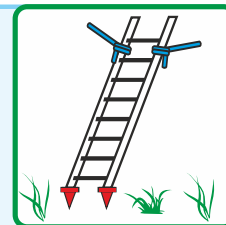
The use of ladders involves the risk of fall from the top. Only personnel informed about what indicated on the labels and on this leaflet is allowed to use the ladder.



The ladder must be placed at an angle of between 65° and 75°. The diagram suggests an ergonomic method for determining the correct angle.



Always check the suitability of the ground where the ladder will be placed. Avoid shiny floors which are slippery from water and surfaces which are slippery from oil, petrol and other similar substances. If necessary, remove the cause. Avoid the risk of sinking into soft ground by using suitable shoes from the manufacturer, or wooden planks.

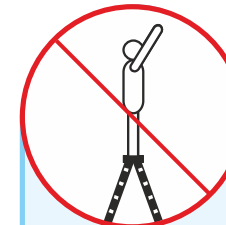


The upper part of the ladder must always rest in a stable manner.

Do not lean against poles and corners of buildings unless using suitable accessories.



When using multi-purpose ladders with three elements transformed into a double ladder, do not climb up the third element when projecting freely. When using ladders leaning against walls, we advise not climbing higher than the fourth last rung to prevent a loss of stability. We advise wearing suitable footwear, avoiding clogs and high heels.

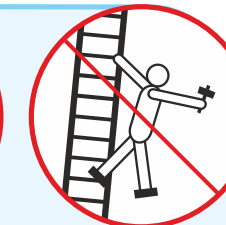


The user must always hold on well to the ladder, securing himself with both feet and at least one hand. Any unbalanced movement is to be avoided.



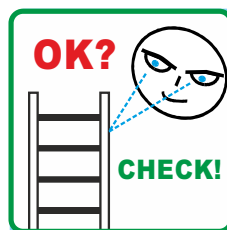
Do not lean out from the ladder, or overextend your reach sideways.

We furthermore advise securing the ladder to prevent it from swaying, especially if using leaning ladders for long periods of time. It is, in any case, compulsory to secure ladders which are longer than 15 metres.



The ladders are not toys.

It is forbidden to let use ladders and tools to children.



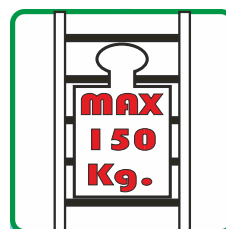
It is forbidden to carry out modifications and/or repairs to the ladders, unless by the manufacturer or suitable authorised staff.

Before each use secure that:

- All parts are not damaged, deformed or cracked
- Profiles and rungs/steps have not a permanent bending
- The anti-slip plastic feet are not worn out
- All mechanisms and blocking devices are working in order. In case, clean or lubricate.
- Nuts, screws and rivets are not loosen.
- Ropes are in excellent conditions and perfectly sliding.

It is forbidden to add side rails or extension parts which are not foreseen.

Do not use the ladder in precarious and dangerous situations or for any other unsuitable use.



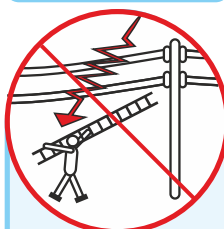
Always respect the load capacity indicated on the information plates (100-150 kg). This signifies that two people must not be on the ladder together.



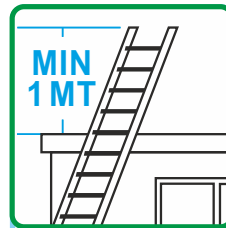
Climbing down with the body turned below is forbidden on portable rung ladders or step ladders having an inclination over 60°.



Always keep the ladder perfectly perpendicular. Any differences in level may be compensated using shims supplied by the manufacturer.



Take great care if near high voltage lines. Maintain a distance of at least 5 metres. When working on electrical systems, use ladders insulated with fibreglass.



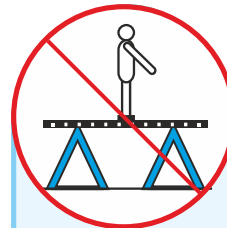
When using straight ladders to access raised floors, leave at least 1 metre of free ladder to pass safely. If possible, secure the ladder.

A safe grip must be always granted even when carrying weights by hands.



Take care not to place the ladder in places where people and vehicles pass. Lock mobile systems (doors) and/or clearly indicate their presence.

Staying under the ladder when in use is forbidden (risk of falling of tools)

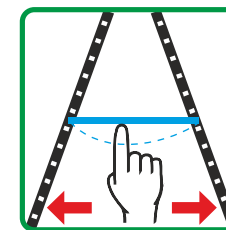


Do not use the ladders as bridges, walkways, loading ramps or for any use that is not a means of access for people and their mobile equipment.

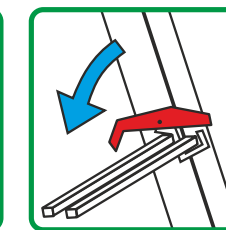
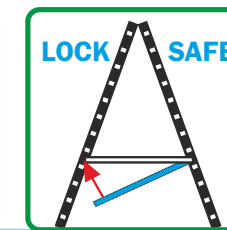
The use of ladders on hydraulic platforms or scaffolding is forbidden.

Always check the stability of the straight ladders and if necessary, anchor the ladders using the proper hooks (supplied on demand) or other equivalent devices (i.e. ropes).

Beware of extending side rails: hands may be severed.



For folding step ladders: ensure that they are opened completely to prevent them opening suddenly when in use. If the ladder is equipped with spreaders (e.g. rigid bar, ladder type 3047), they must be used.



Check on the extendable rung ladder that the locking safety device is ok and fixed before to climb on the ladder.

MAINTENANCE: Our aluminium and fibreglass ladders do not need of any particular maintenance nor periodic overhauling.

However, we advise to stock the ladders safe from atmospheric, oxidant or corrosive agents and also to check the ladders before each use. We also recommend to guard the ladders in order to avoid any possible illegitimate use.

IMPORTANTE:



The manufacturer is not liable for any damage to persons or things which may be caused by improper use of the ladders, or by total or partial non-observance of the instructions in this handbook or of current legal regulations, or by lack of periodic controls or maintenance to protect against possible damage caused by use or by atmospheric agents. In this connection, we advise you to carefully check the ladder parts before every use and observe the legal regulations on accident prevention.