

LADSTEP

CAGED LADDERS

CEI SpA
81/2008

EN 14122-4

DURABLE

Made of aluminium alloy, they offer high mechanical resistance and resist corrosion and environmental conditions.

RELIABLE

Guarantee the utmost safety for the user and give the installer the serenity that comes with a reliable product that is easy to assemble.

COMBINABLE

Thanks to the wide range of available components, the modular system can meet any design requirement.

▼ *Aluminium ladder with landing platforms for access to industrial roof.*



■ CAGED LADDERS COMPONENTS

MAIN COMPONENTS

①

②

③

④

⑤

⑥

⑦

⑧

ACCESSORIES

①a

②a

③a

④a

⑤a

⑥a

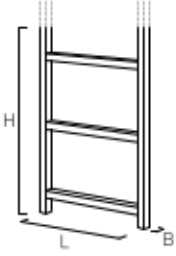


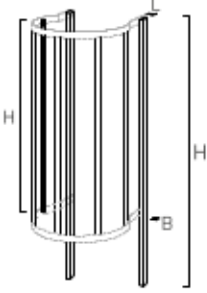
| n. | CODE |
|----|---|
| 1 | LADMODCAP / LADBARCAP |
| 2 | LADEXT130 / LADBAR130 |
| 3 | LADRINGIT / LADRINGEU |
| 4 | LADMOD90 / LADMOD120 / LADMOD150 / LADMOD180 / LADMOD210 / LADMOD240 |
| 5 | LADJUN |
| 6 | LADBRA150 / LADBRA200 / LADBRA250 / LADBRA300 / LADBRA350 / LADBRA400 / LADBRA450 / LADBRA500 / LADBRA550 / LADBRA600 |
| 7 | LADBAR90 / LADBAR120 / LADBAR150 / LADBAR180 / LADBAR210 / LADBAR240 |
| 8 | MMSA26319 / MMSA26325 |

| n. | CODE |
|----|---------------------------------|
| 1a | LADHANDS |
| 2a | LADEXTMOB130 |
| 3a | LADBOARIT / LADBOAREU / LADREST |
| 4a | LADHOOK |
| 5a | LADTRAPIT / LADTRAPEU |
| 6a | LADFEHIN / LADFEREG |




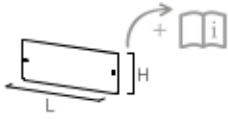


LADSTEP | basic components

CODES OF BASIC COMPONENTS FOR FIXED CAGED/CAGELESS LADDERS

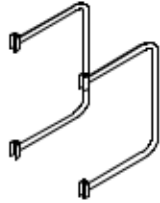
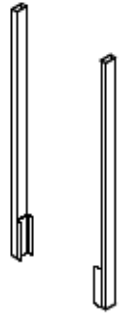
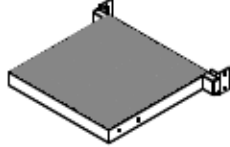
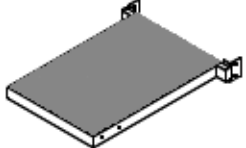
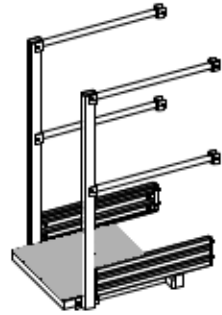

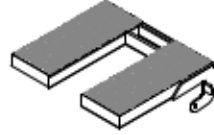
| GROUP | CODE | description | B [mm] | L [mm] | H [mm] | |
|---------------------|-----------|--------------------------------|-----------|-----------|-----------|---|
| LADDER MODULES | LADMOD90 | ladder module 0,90 m - 3 steps | 60 | 500 | 900 |  |
| | LADMOD120 | ladder module 1,20 m - 4 steps | 60 | 500 | 1200 | |
| | LADMOD150 | ladder module 1,50 m - 5 steps | 60 | 500 | 1500 | |
| | LADMOD180 | ladder module 1,80 m - 6 steps | 60 | 500 | 1800 | |
| | LADMOD210 | ladder module 2,10 m - 7 steps | 60 | 500 | 2100 | |
| | LADMOD240 | ladder module 2,40 m - 8 steps | 60 | 500 | 2400 | |
| CAGE BARS | LADBAR90 | kit of 5 cage bars 0,90 m | 15 | 25 | 900 |  |
| | LADBAR120 | kit of 5 cage bars 1,20 m | 15 | 25 | 1200 | |
| | LADBAR150 | kit of 5 cage bars 1,50 m | 15 | 25 | 1500 | |
| | LADBAR180 | kit of 5 cage bars 1,80 m | 15 | 25 | 1800 | |
| | LADBAR210 | kit of 5 cage bars 2,10 m | 15 | 25 | 2100 | |
| | LADBAR240 | kit of 5 cage bars 2,40 m | 15 | 25 | 2400 | |
| RINGS | LADRINGIT | cage ring Leg. Decree 81/2008 | 662 | 600 | 40 |  |
| | LADRINGEU | cage ring EN 14122 | 762 | 700 | 40 | |
| FINAL PROTECTION | LAEXT130 | extension 1.30 m | 60 | 30 | 1300 |  |
| | LADBAR130 | kit of 5 cage bars 1,04 m | 15 | 25 | 1040 | |

Add two rings: LADRINGIT or LADRINGEU to complete the final protection.

| GROUP | CODE | description | B [mm] | L [mm] | H [mm] | |
|--------------------|-------------------------|--|-----------|-----------|-----------|---|
| BRACKETS | LADBRA150 | bracket for wall spacing 150 mm | 210 | 512 | 60 |  |
| | LADBRA200 | bracket for wall spacing 200 mm | 260 | 512 | 60 | |
| | LADBRA250 | bracket for wall spacing 250 mm | 310 | 512 | 60 | |
| | LADBRA300 | bracket for wall spacing 300 mm | 360 | 512 | 60 | |
| | LADBRA350 | bracket for wall spacing 350 mm | 410 | 512 | 60 | |
| | LADBRA400 + LADSTRAP400 | bracket for wall spacing 400 mm + clearance with screws included | 460 | 512 | 60 | |
| | LADBRA450 + LADSTRAP450 | bracket for wall spacing 450 mm + clearance with screws included | 510 | 512 | 60 | |
| | LADBRA500 + LADSTRAP500 | bracket for wall spacing 500 mm + clearance with screws included | 560 | 512 | 60 | |
| | LADBRA550 + LADSTRAP550 | bracket for wall spacing 550 mm + clearance with screws included | 610 | 512 | 60 | |
| | LADBRA600 + LADSTRAP600 | bracket for wall spacing 600 mm + clearance with screws included | 660 | 512 | 60 | |
| JOINTS | LADJUN | ladder joint | 55 | 25 | 150 |  |
| CAPS | LADMODCAP | cap for upper upright closure | 60 | 30 | 20 |  |
| | LADBARCAP | cap for bar closure | 15 | 25 | 15 | |
| LABEL | LADPLATEIT | label Leg. Decree 81/2008 + IT manual | - | 110 | 50 |  |
| | LADPLATEEU | label EN 14122-4 + EN manual | - | 110 | 50 | |
| STANDARD FASTENING | MMSA26319 | stainless steel screw DIN 7504 A2 K 6,3 x 19 mm | | | | |
| BRACKETS FASTENING | MMSA26325 | stainless steel screw DIN 7504 A2 K 6,3 x 25 mm | | | | |

Other codes/components available on request.

CODES OF ACCESSORY COMPONENTS FOR FIXED CAGED/CAGELESS LADDERS*

| GROUP | CODE | description | |
|------------------------|--------------|---|---|
| HANDLES | LADHANDS | kit of 2 landing handles 450 mm |  |
| INTERLOCKING EXTENSION | LADEXTMOB130 | interlocking extension 1.30 m for easy access to the roof |  |
| LANDING PLATFORMS | LADLAND500 | 500 x 500 mm final landing platform, non-slip |  |
| | LADLAND750 | 500 x 750 mm final landing platform, non-slip |  |
| PROTECTION KIT | LADPROT750 | 750 mm platform protection kit complete with 4 handrails, 2 aluminum toeboards |  |
| FOLDING PLATFORMS | LADBOARIT | folding or resting platform for ladder subdivision (with lifting and lowering system) Leg. Decree 81/2008 Ø600 mm |  |
| | LADBOAREU | folding or resting platform for ladder subdivision (with lifting and lowering system) EN 14122-4 Ø700 mm | |
| | LADREST | folding resting platform for ladder with lifeline |  |

| GROUP | CODE | description | |
|---------------------------|-----------|--|---|
| SAFETY CLOSURES | LADTRAPIT | safety closure prepared for padlock (not included) Leg. Decree 81/2008 Ø600 mm |  |
| | LADTRAPEU | safety closure prepared for padlock (not included) EN 14122-4 Ø700 mm | |
| HOOKS FOR SEPARATE LADDER | LADHOOK | fastening hooks for separate ladder |  |
| FEET | LADFEREG | kit of 2 adjustable support feet with holes for fastening to the ground |  |
| | LADFEHIN | kit of 2 hinged support feet |  |

Screws, joints, caps always included in the single codes.

LADDER COMPOSITION INDICATIONS

- Applicable regulations (Leg. Decree 81/2008 - EN 14122-4 - local regulations) must be defined by the designer of the work
- Choice of components according to the regulations applied
- First ladder module with length of 2,4 m
- Cage start at 2,4 m
- First bracket at 0,5 m
- Subsequent brackets installed every 2,0 m

Other components are available on request.
For the composition, use the handbook or the component spreadsheet, both available on our website: www.rothoblaas.com.

