DIN 18799-1

APPLICATION

On buildings, for maintenance and cleaning work. Special regulations apply to chimneys. **Please send us your enquiry.**

PLANNING AND USE

The height of the individual ladder sections, as well as the spacing of the rest platforms, is defined according to a specific group of users (1) and (2), based on their experience in using vertical ladders:

(1) Experienced person (e.g. antenna installers);
(2) Inexperienced person (e.g. private individuals),

The top rung of the ladder must be level with the exit. From a height of 10.00m, the ladder must be installed with an offset. **The maximum length of a ladder section must not exceed 10.00m.**

EXIT

If the gap at the exit is greater than 75mm from the building, a step must be fitted to bridge the gap.

EXIT RUNG - FIXING

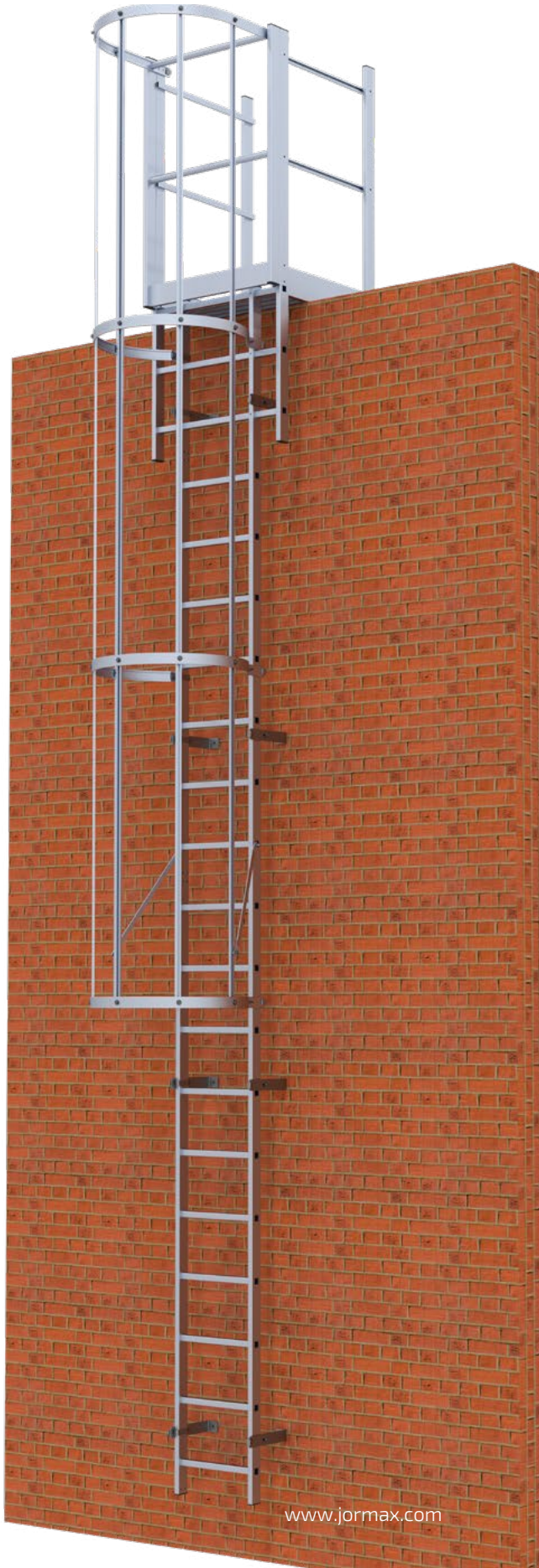
The standard bracket gives a clearance of **210mm** from the centre of the rung to the wall. Other bracket options are available for different clearances. The distance between brackets must not exceed 2.00m, and they should preferably be fitted immediately below the rungs.

FIRST RUNG

The first rung must be positioned between **100mm** (min.) and **400mm** (max.) above the ground.

SAFETY CAGE

Safety cage mandatory for ladders ≥ **5.00m** high. Safety cage starting at a height of between **2.20** and **3.00m**



Decree-Law 50/2005 Portugal | Certified DIN 18799-1 Standard | 5 years WARRANTY | professional use | 150 KG

BUILDING HEIGHT	NUMBER OF LADDERS				OFFSET	MODULE OFFSET	NUMBER OF BRACKETS	NUMBER OF SAFETY HOOPS		REFERENCE
m		*m*	*m*	*m*						
	Ladder Exit	1.96	2.80	3.64				Standard	Exit	
Ladder up to 5m high (safety cage included)										
2.90	1	1			-	-	4	2	1	**104000**
3.74	1		1		-	-	6	2	1	**104001**
4.58	1			1	-	-	6	3	1	**104002**
Ladder from 5m high (safety cage included)										
5.70	1	1	1		-	-	8	3	1	**104003**
6.54	1		2		-	-	8	4	1	**104004**
7.38	1		1	1	-	-	10	4	1	**104005**
8.50	1	1	2		-	-	10	5	1	**104006**
9.34	1		3		-	-	12	6	1	**104007**
9.96	1		2	1	-	-	12	6	1	**104008**
Ladder from 10m high (safety cage included)										
10.96	1	2	1		5.44	1	10	4	1	**104009**
12.64	1		3		6.28	1	12	6	1	**104010**
14.32	1		1	2	7.12	1	14	7	1	**104011**
16.56	1	2	3		8.24	1	18	9	1	**104012**
18.24	1		5		9.08	1	20	11	1	**104013**
19.92	1		3	2	9.92	1	22	12	1	**104014**

* The offset module is common to all Access Ladders for heights above 10.00m. This module consists of:
- 2 ladders of 2.80m;
- 3 standard hoops;
- 1 double hoop with joint;
- 8 extension bars of 2.20 m.

COMPONENTS INCLUDED IN THE PACKAGE

- Standard wall brackets
- Pair of ladder coupling joints
- One wide exit ladder
- Standard safety hoops
- One exit hoop
- Vertical bars
- Vertical bar fixing joints
- Ladders

WARNING

Ladders are always supplied for a specific height range. **Example:** Ladder 104004 - This ladder is suitable for a height between 5.71 and 6.54 m. The ladder does not need to be cut if the height is 6.54 m, but if it is 6.00m, 0.54 m must be cut from the ladder at ground level.