

**Load per column and per arm.**

Maximum uniformly distributed load, according to an optimal configuration.

**LIGHT CANTILEVER**

Load capacity per column 140x40x3.

Height	1 750 mm	2 000 mm	2 500 mm	3 000 mm
Single sided	890 kg	960 kg	810 kg	715 kg
Double sided	1 790 kg	1 920 kg	1 620 kg	1430 kg

Load capacity per arm

Arms	Profile	
Lengths	80 x 40 x 2 mm	40 x 40 x 2 mm
300 mm	540 kg	246 kg
400 mm	403 kg	184 kg
500 mm	320 kg	149 kg
600 mm	261 kg	124 kg
700 mm	218 kg	106 kg
800 mm	186 kg	92 kg

**Maintenance and guarantee**

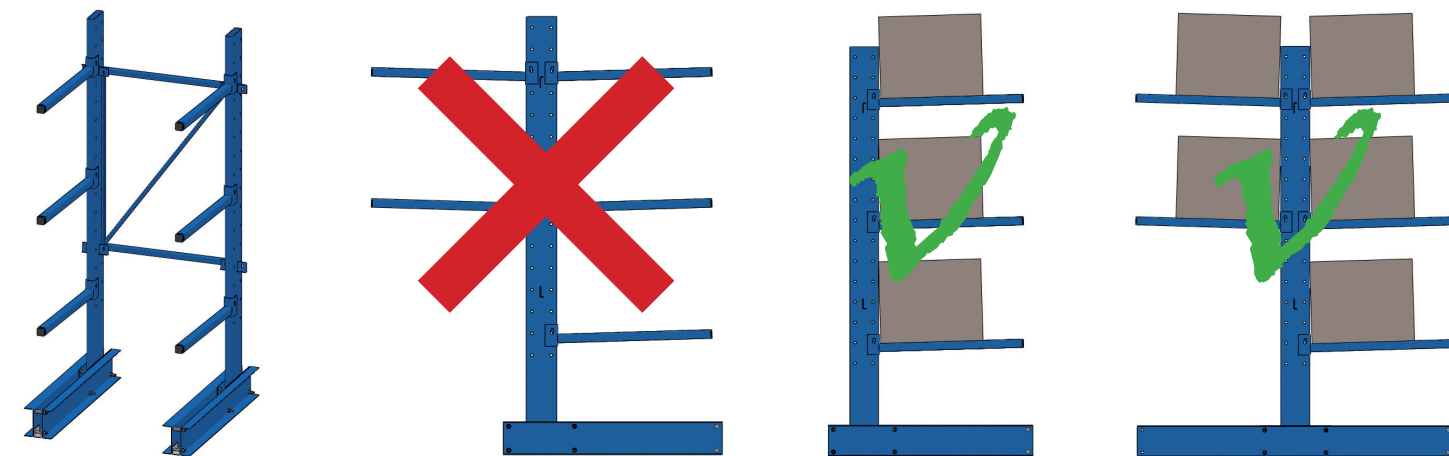
**CANTILEVER maintenance:**

Steel CANTILEVER structures may be washed with any detergent that does not damage paintwork EPOXY (in this case, avoid detergents containing chlorine). Users are required to check the tightness of the structure's bolts once a year.

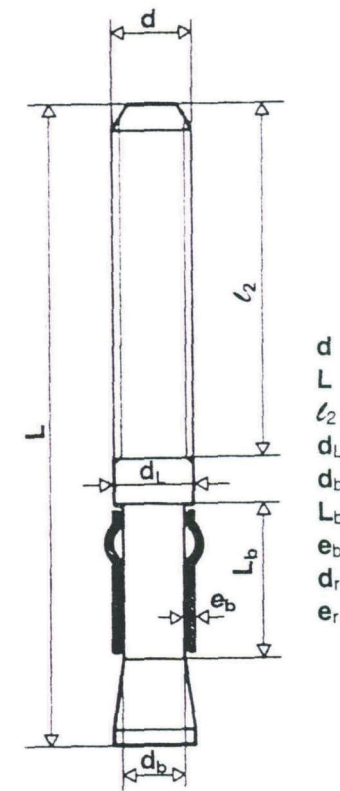
**Modifications to the structure:**

Any modification of the structure or replacement of any element requires consultation with your supplier, who will in turn contact the manufacturer. Also, in case of impact, if the structure has any cracks or deformations, you must stop using the CANTILEVER.

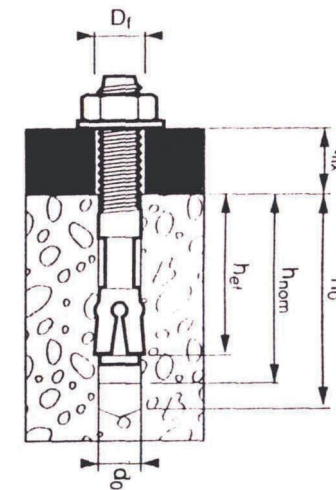
**Terms of use:**



**Diagram of the pin and conditions of implementation**



References	Zn code	d	L	l <sub>2</sub>	D <sub>i</sub>	D <sub>b</sub>	L <sub>b</sub>	e <sub>r</sub>	d <sub>r</sub>	e <sub>r</sub>
12-40/100	50630	M12	100	55	12	9,1	25,7	1,1	27	2,5

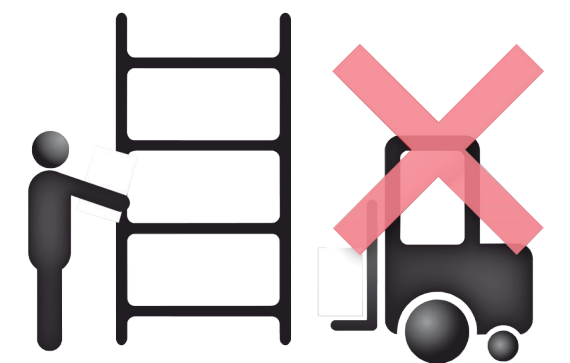


References	h <sub>ef</sub>	h <sub>nom</sub>	t <sub>fix</sub> (*)	t <sub>fix2</sub> (**)	d <sub>o</sub>	h <sub>o</sub>	D <sub>f</sub>	Key to use
12-40/100	45.4	60	40	35	12+0.5	72	14	18

\*tfix1 thickness of a part to be fixed for placement not through the part (pre-expansion of the pin before assembly of the part)

\*\*tfix2 thickness of a part to be fixed for placement through the part

**ASSEMBLY INSTRUCTIONS FOR LIGHT CANTILEVER**

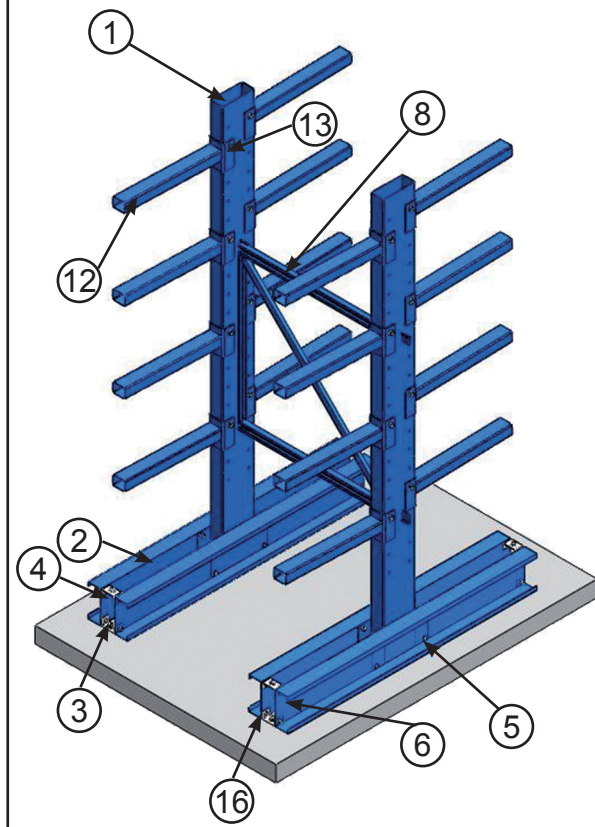


Before assembling, added to this document, please read carefully the « Using and maintenance Instructions » document Ref. NMU-GB-06-01, enclosed.  
Check that the floor is adequate, flat and can support the load.

# LIGHT CANTILEVER

## Instructions for assembly and use

### Nomenclature



Rep.	Description	Quantity	
		Single	Double
Number of parts per LIGHT CANTILEVER column			
1	Column upright	1	1
2	Base profile	2	2
3	Plate for floor fixing	1	2
4	Column spacer	1	2
5	Screw H M12x20	10	12
6	Screw H M 12x70	1	2
7	Locknut Ø 12	11	14
Number of parts per LIGHT CANTILEVER bracing			
8	Frame	1	1
9	Screw CHC 8x20	4	4
10	Washer Ø 8	4	4
11	Nut Ø 8	4	4
Number of parts per LIGHT CANTILEVER arm			
12	Arm	1	1
13	Screw H M12x70	1	1
14	Washer Ø 12	2	2
15	Locknut Ø 12	1	1
Floor fixing			
16	Anchor pin 12-40/100	1	2

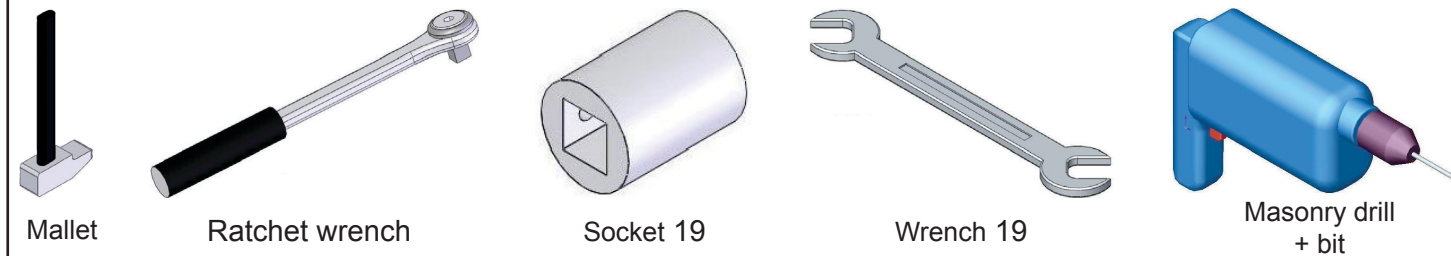
### Manual loading only

Check that the floor is adequate, flat and can support the load.

Cantilevers must be fixed on a floor with a strength rating greater than concrete strength class 16/20. Users are required to check the tightness of the structure's bolts once a year.

Essential: On the same face, the base must always be equal to or longer than the length of the arms.  
Make sure that the stored loads are not at risk of slipping and/or rolling out of their support arms  
Place the heaviest loads at the base of the CANTILEVER.

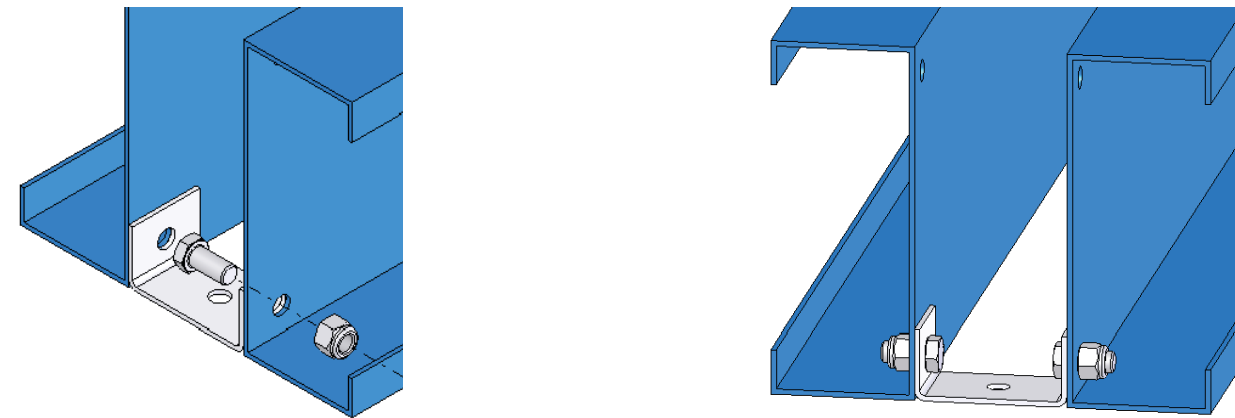
Tools required for assembly



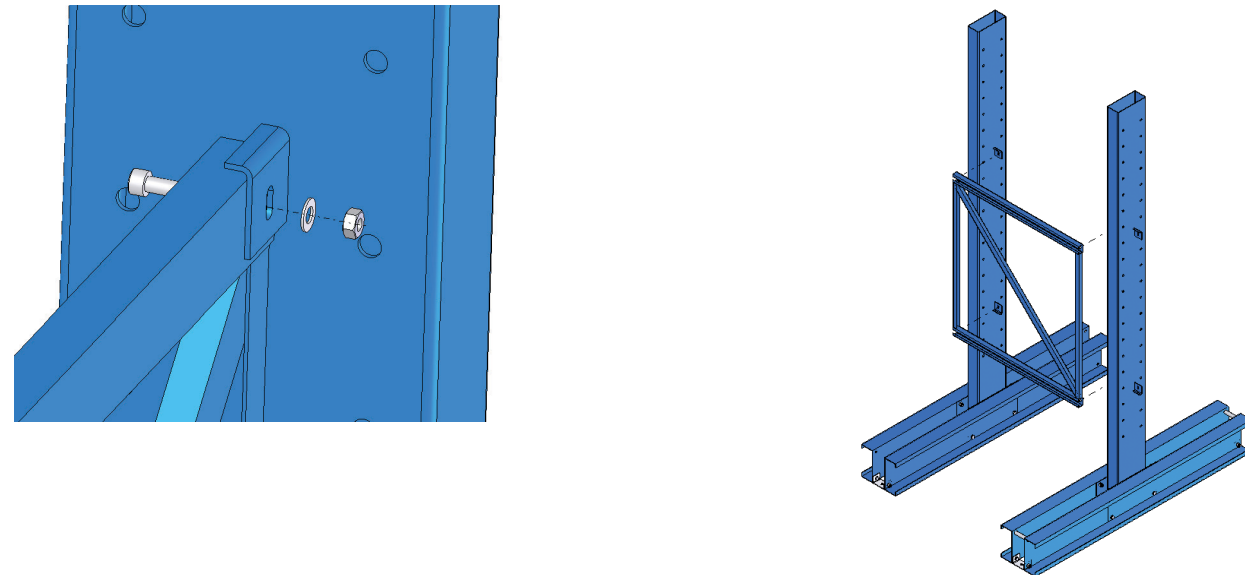
Fix the base profiles to the column upright. (2 x 4 screws H M12 x 20 + locknuts)



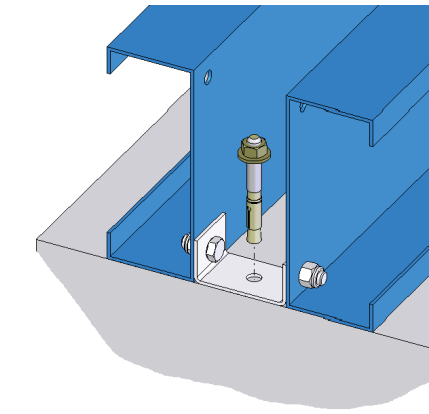
Screw on the fixing plates. (2 screws H M12 x 20 + locknuts)



Assemble the frame. (4 screws CHC M8 x 20 + washer + nuts H)

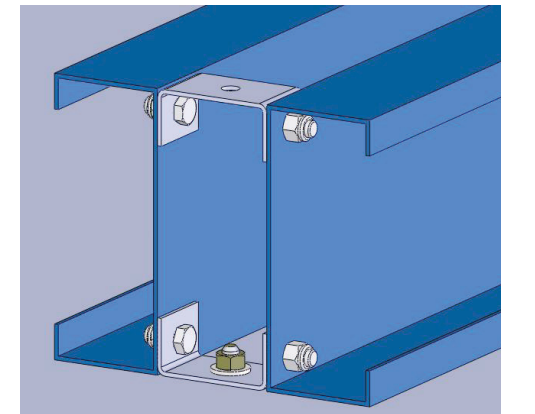


Anchor the columns to the floor



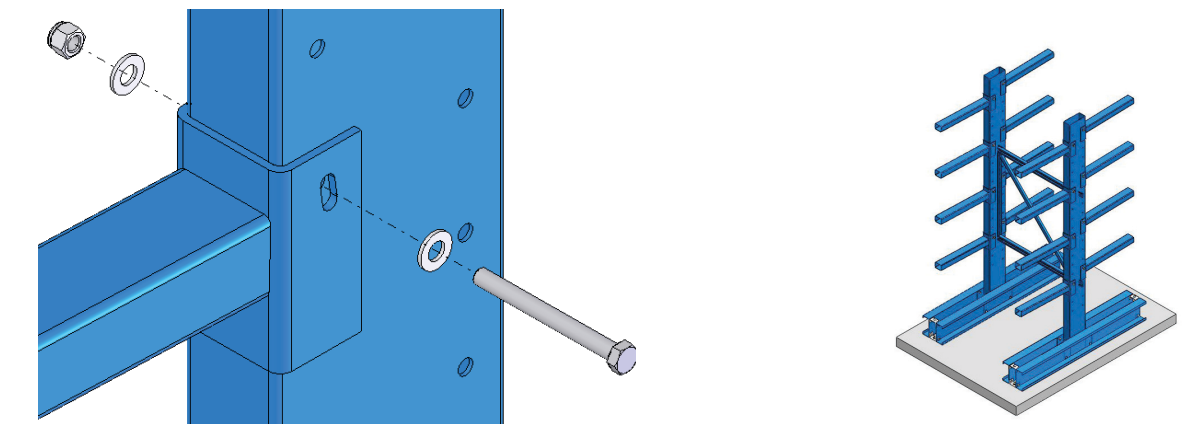
Anchor pin 12-40/100

Fix the upper plates

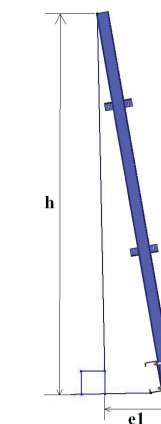


Screws H M12 x 20 + washer + locknut

Position and bolt the arms onto the columns.



Screws H M12 x 70 + washers + locknut



Deviation permitted:  
 $E1 < 0.0035 \times h$   
Inclination of the columns of a cantilever must meet the requirements of EUROCODE III mentioned above.