

// Versatile and multifunctional



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// Features

BRIO Modular Scaffolding covers the different configurations and applications required in the construction industry.

Used as a workplace, protection, access or support, for newbuilds and restoration work.

▶ It is a **profitable system** that can be used in all kinds of fields, such as construction, industry, energy, navy or leisure and entertainment.

The effective galvanized steel design ensures fast, simple and intuitive assembly, with high load-bearing capacity. It makes the scaffolding **highly rigid and** stable

▶ BRIO is certified according to European standards EN 12810-1/2 and EN 12811-1/2/3.

Based on vertical standards with nodes every 50 cm that house the various components.



Component connection node



Irregular façade restoration

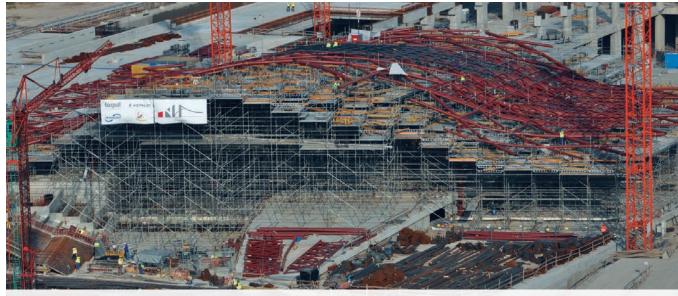
Product Certifications:



Temporary Work Equipment NF Certification AFNOR CERTIFICATION

In run Francis de Presensé - 93571 LA PLANE SAINT DENIS CEDEX - 2015 Contraction of the Contract of the Contra

the NF mark, a scaffolding structure as embled from a certified model must, with regard to sub-



Shoring and work platform for roofing





• Quick and easy assembly, with a single hammer blow.





2.- Insert the wedge



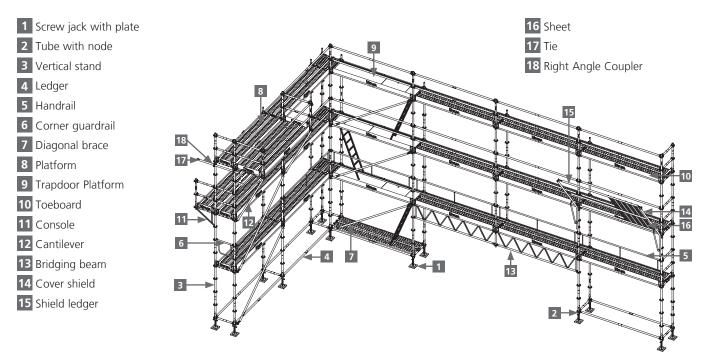
3.- Fix the wedge



4.- Stand and ledger are joined

1.- Hook in the horizontal ledger





▶ Usual façade scaffolding **widths**: 0.7 and 1.02, with 2 m in height between platforms.

▶ **Modules of**: 0.35; 0.7; 1.02; 1.5; 2; 2.5 and 3 m in width.

▶ Class 4, 5 or 6 platforms according to EN 12810-1/2 and EN 12811-1/2/3.



▶ Shoring, work platform and access



// Advantages

Certified Scaffolding

According to European standards, ensuring product quality.

Versatile and flexible

▶ Enables infinite structures and applications.

High profitability

- Quick and easy to assemble.
- Reduced number of parts.
- Durability. Hot dip galvanized protection against corrosion.
- ▶ Reusable in various applications on a site.
- ▶ Simple transport, storage and maintenance.

Compatible

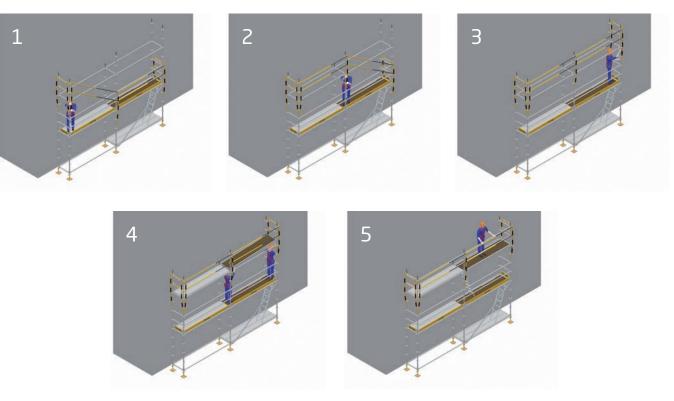
With DORPA brand scaffolding, with which it shares many common components.

Safe system

Safe assembly process:

Collective protection system in place from the lowest level to protect the scaffolder when accessing the higher levels. It consists of a safety handrail post and telescopic ledgers assembled by a single operator.

Safety handrail post verified according to requirements of EN 795 (fall protection anchorage devices).



Safety handrail post assembly sequence





► Safety in use:

Platforms, handrails and toeboards to protect the user from falling.

Safe access through trapdoor platforms or attached ladders, according to scaffolding height.

Non-slip platforms with safety system fitted with a cotter pin which prevents accidental movement.

- Safety for third parties:
 - **Protection and configurations** such as pedestrian walkways or protection fans. They allow the free movement of pedestrians and vehicles without any risk.



Access through trapdoor platform



Simple and safe assembly



Access scaffolding by attached ladders



Safe movement of pedestrians



// Solutions

Covering façades / irregular geometries

Usual application as working platforms and access on regular and irregular façades.





Restoration of complex geometries

Façade restoration

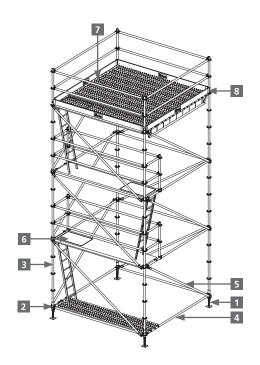
Scaffolding tower



Scaffold towers in column construction

▶ Work platform up to 1	2 m in height without stabilizers.
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- ► Fixed or mobile.
- Hoistable and portable by crane.



6

Tower components
Screw jack with plate
Screw jack with wheel

Tube with node
Vertical stand

5 Diagonal brace

6 Trapdoor Platform

4 Ledger

7 Platform8 Toeboard





Ladders

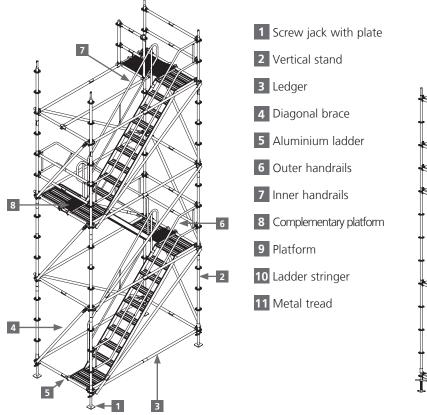
- **Safe access** to any point.
 - 3 x 1.5 (4 feet) with complementary platform or landing deck.
 - 3 x 1.4 (6 feet).
 - 3.4 x 15 (8 feet).

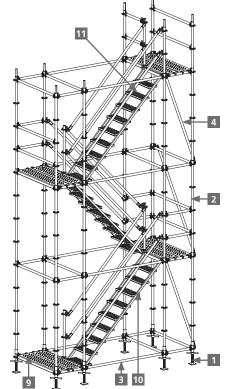
Advantages:

- Capable of reaching great heights.
- Moveable by crane.
- Stable and safe access surface.
- Ladder widths of 0.70 m and 1.02 m according to need.
- Possibility of different landings.
- It allows assembly of semi-detached ladder to the scaffolding.
- Aluminium or steel stringers.

<image>

Ladder components





▶ Stair tower 3 x 1.5 with aluminium stringer

▶ Stair tower 3.4 x 1.5 with steel stringer



BRIO falsework

- Falsework shoring system such as ENKOFLEX, VR, BTM and ENKOFORM HMK Tables, all formed by primary and secondary boards and beams.
- ▶ Wide range of tower modulation: 0.35; 0.7; 1.02; 1.5; 2; 2.5 and 3 m.
- Optimized load-bearing capacity for building works.



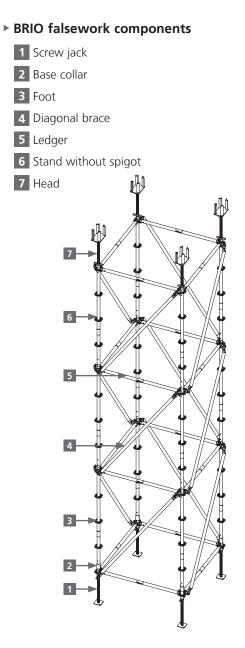
Safe construction of cantilever slabs



Advantages:

- Safe falsework assembly using scaffolding platforms.
- Protected falsework. Working platforms and handrails on the top level for placement of falsework.
- Possibility of hoisting and moving, after screwing the feet.
- Assembly of individual towers or packed shoring towers.
- Excellent height adjustment.

<image>





Circular Solutions

It allows building of curved geometries. Very safe on any job, such as industrial maintenance.



► Tank maintenance



Chimney maintenance

Roofing

- Ensures an open, comfortable and protected space for restoration work, pavilions, etc.
- ▶ Pre-assembled on the ground and hoisted by crane.
- Components: beams and supports, sheets, standard BRIO scaffolding items.



Creation of spaces for restoration work

Footbridges/Public Stairs

- Temporary structures with widths adapted to each need.
- ► They provide safe passage for pedestrians.



- Sale lootbild

Roof-edge protection

- Solves the roof-edge protection using a net or metal perimeter wall.
- ▶ Edge protection verified in accordance with NF mark rules based on Standard EN 13374:2004, class C.



Roof-edge protection work on the roof edge

Special solutions

Stabilization of façades

Market-oriented restoration and maintenance of buildings, combines simplicity and safety.



► Façade stabilized using BRIO scaffolding



Bridge restoration



Suspended working platform to work under the roof



► Mobile trolleys



Leisure and entertainment applications





Scaffolding for industry



Maintenance in petrochemical facilities



• Maintenance and construction in the mining industry

 Working platforms and safe access for all industrial maintenance needs







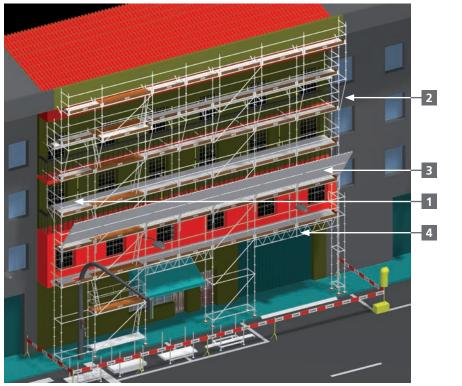


Maintenance of oil platforms

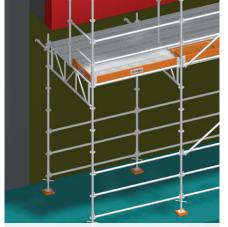




Technical solutions



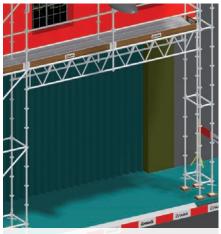




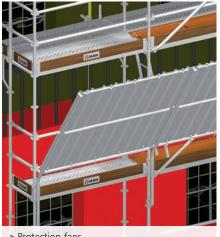
Pedestrian walkway







Vehicle passageway



Protection fans



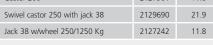




Basic components

		kg
SCREW JACKS		
[№] Adjustable base 0.5	2124902	4.9
NF Adjustable base 1	2124907	8.7

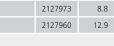




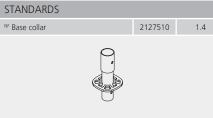












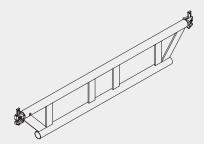
		kg
[№] Standard 1	2127500	4.6
[№] Standard 1.5	2127501	7.4
№ Standard 2	2127502	9
№ Standard 3	2127503	13.6
Standard 4	2127956	17.8



HORIZONTAL ITEMS		
Ledger 0.35	2127985	1.8
[№] Ledger 0.7	2127522	2.9
[№] Ledger 1.02	2127523	4
№ Ledger 1.5	2127524	5.5
№ Ledger 2	2127525	7.2
[№] Ledger 2.5	2127526	8.8
№ Ledger 3	2127527	10.4



NF Platform support 1.5	2127733	12.2
№ Platform support 2	2127728	17
№ Platform support 2.5	2127724	20.1
NF Platform support 3	2127719	23.9

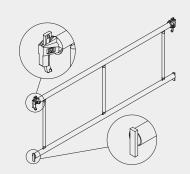


		kg
DIAGONALS		
Diagonal 0.35x2 (width x height)	2129411	8
№ Diagonal 0.7x2	2127540	8.2
№ Diagonal 1.02x2	2127541	8.5
[№] Diagonal 1.5x2	2127617	9.2
№ Diagonal 2x2	2127542	10.2
№ Diagonal 2.5x2	2127618	11.3
[№] Diagonal 3x2	2127543	12.5
Diagonal 0.7x1	2127896	5.2
Diagonal 0.7x1.5	2127897	6.6
Diagonal 1.02x1	2127898	5.8
Diagonal 1.02x1.5	2127899	7
Diagonal 1.5x1	2127900	6.9
Diagonal 1.5x1.5	2127901	7.9
Diagonal 2x0.5	2128241	7.6
Diagonal 2x1	2127902	8.1
Diagonal 2x1.5	2127903	9
Diagonal 2.5x1	2127904	9.5
Diagonal 2.5x1.5	2127905	10.2
Diagonal 3x1	2127906	10.9
Diagonal 3x1.5	2127907	11.5
(width x hoight)		





GUARDRAIL ITEMS		
Guardrail 1.5	2127554	7.6
Guardrail 2	2127555	9.2
Guardrail 2.5	2127556	11.8
Guardrail 3	2127557	12.8



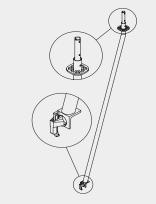




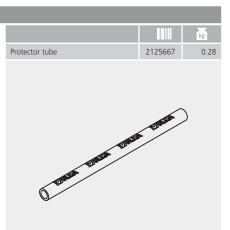
Basic components

		kg
NF Toeboard 0.7	2124998	2.6
NF Toeboard 1.02	2124999	3.2
№ Toeboard 1.35	2128127	3.9
№ Toeboard 1.5	2124994	4.2
NF Toeboard 2	2124995	5.2
№ Toeboard 2.5	2124996	6
NF Toeboard 3	2124997	6.8

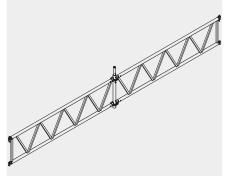
		kg
ITEMS OR ACCESSORIES		
Cantilever 0.7	2127739	9
Cantilever 1.02	2127745	10



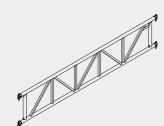
Console 0.2	2127234	1.1
№ Console 0.32	2127679	2.3
№ Console 0.7	2127680	6.6
NF Console 1.02	2127681	9.7



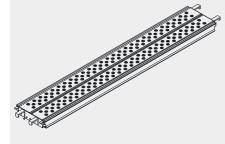
BEAMS		
[№] Bridging beam 4	2127706	44
[№] Bridging beam 5	2127702	56
[№] Bridging beam 6	2127693	68



Passage beam 1.02	2128052	12.6
Passage beam 1.5	2128081	16.3
Passage beam 2	2128082	23.4
Passage beam 2.5	2128083	30
Passage beam 3	2128084	35

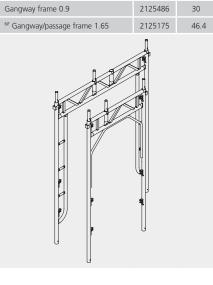


WORKING PLATFORMS		
№ Platform 0.7	2127718	6.6
[№] Platform 1.02	2127717	9
№ Platform 1.5	2127716	12.4
NF Platform 2	2127715	17
[№] Platform 2.5	2127714	20.2
NF Platform 3	2127713	22.2



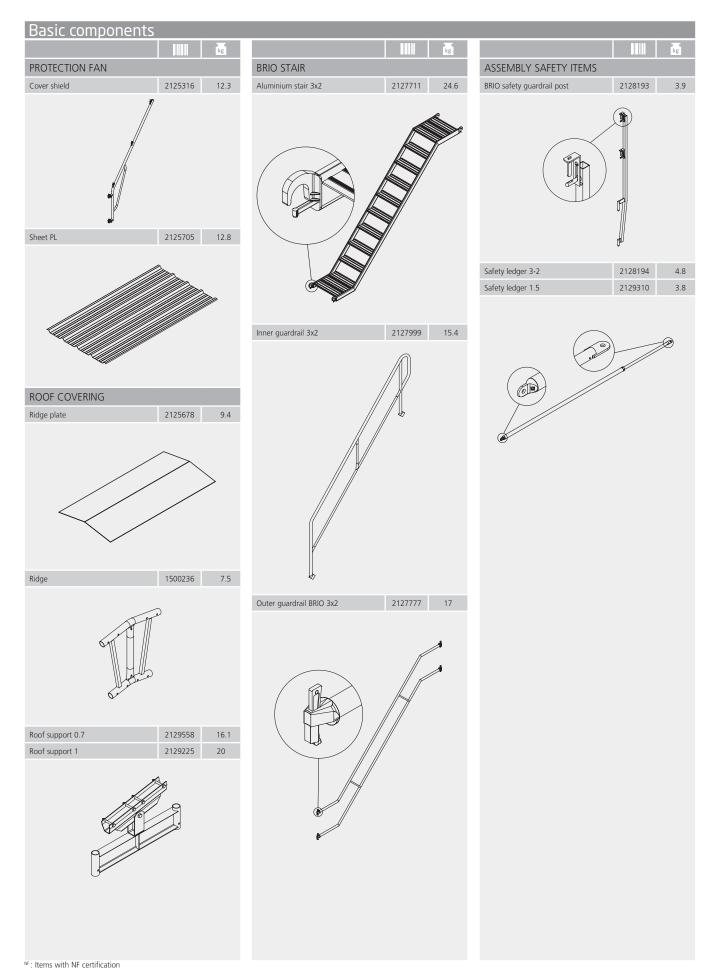
Trapdoor platform 1.02	2129617	7.9
Trapdoor platform 1.5	2128152	13.5
NF Trapdoor platform 2	2127868	18.6
NF Trapdoor platform 2.5	2127867	25.8
NF Trapdoor platform 3	2127712	31













From the beginning of your projects



ULMA C y E, S. Coop. Ps. Otadui, 3 - P.O. 13 20560 Oñati, Spain T. +34 943 034 900 F. +34 943 034 920

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