



1-INSTRUCTIONS FOR INSTALLATION AND USE OF FALL PROTECTION ANCHORAGE:

Before installing and using this anchorage, read these instructions carefully.

2-ANCHORAGE CHARACTERISTICS.

Omega Anchorage is a structural fall protection anchorage with 16 KN strength. Omega Anchorage is a fall protection anchorage for embedding in concrete for use in fall prevention in temporary works with personal fall protection equipment. Omega Anchorage is a structural fall protection Anchorage for use in the direct connection of temporary textile type fall protection anchorage EN795B devices: anchorage straps, anchorage rings and temporary lifelines.

VERY IMPORTANT: The temporary textile type anchorages EN 795B that are connected to an Omega Anchorage must have a minimum strength of 22 KN. The strength of the anchor point provided by a temporary anchorage EN795 B connected to an Omega anchorage is limited to 16 KN

The instructions of all the components of the fall protection system must be known and respected and their compatibility with each other must be verified. The user must have the necessary competence and additional specific training in work with risk of falls from height and techniques of work with risk of falls from height. He/she must have first aid procedure and trained personnel with rescue resources in the zone. In case of accident the rescue must be carried out in the shortest possible time.

This anchorage is composed of a plastic recipient with lid and manufacturer's brand and a galvanized steel or stainless steel rod

3-REQUIREMENTS OF THE STRUCTURE. POSITIONING AND INSTALLATION OF FALL PROTECTION ANCHORAGE:

Dimensions of the concrete structure that contains the anchorage:

-Volume of the concrete structure that contains the anchorage: > 1.5 m³;

-Minimum thickness of concrete: 18 cm.

-Surface >2m²

Minimum distance between fall protection anchors: 1m.

Minimum distance from the fall protection anchorages to edges: 70cm.

Minimum compressive strength reached by the concrete: 19MPa

Orientation of the fall protection anchorage: it will preferably be installed with the rod oriented perpendicularly in the expected direction of the force in case of fall. The strength of 16 KN is ensured for any orientation.

Do not install the anchorage in fillings of holes, wells or in supplements added subsequently to the structure.

In case of placing the anchor under the concrete surface, it must be placed in the reinforcing steel area of influence.

4-INSTALLATION OF THE FALL PROTECTION ANCHOR POINT: (see figures)

1st Close the lid of the recipient. Support the lid on a rigid surface and insert the rod until it fits with the 3 protrusions of the lid.

2nd Open the lid, insert the instructions in the language of the country inside the recipient and repeat step 1.

3rd In freshly poured fresh concrete, insert the anchorage manually little by little, turning it at the same time in the same direction until the levelling ring of the plastic recipient is parallel and in contact with the concrete along its entire surface.

4th Check that the entire levelling ring remains in contact with the surface, once the concrete has vibrated and the anchorage is oriented in the desired position.

5th Respect the time and conditions of concrete curing before its use. Do not use the fall arrest anchor before the concrete has reached a compressive strength of

19 MPa. The lid of the recipient must remain closed while the anchorage is not used.

5-USE OF THE FALL PROTECTION ANCHORAGE:

The connection with the metal rod of the Omega Anchorage must be made only with a temporary textile type fall protection anchor device EN795 B with 22KN strength or more.

The combination of an Omega Anchorage with a temporary anchorage EN 795 B provides an anchor point in the temporary anchor device EN795 B (temporary horizontal lifeline EN 795 B or temporary anchor sling EN 795 B or temporary anchor ring EN795 B).

The strength of an Omega anchor is 16 KN. The strength of the anchor point provided by a temporary anchor EN795 B connected to an Omega anchor is limited to 16 KN. It must be taken into account that joints by strangulation or lark's head knot decrease the strength of the temporary anchors EN 795B.

The strength of the anchor point provided by the fall protection device EN 795 B connected to an Omega anchor must be greater than the strength required by all of the personal protective equipment and components of the associated fall protection system.

Connection of temporary lifelines and other personal protective equipment to a temporary anchor EN795B: Before connecting a temporary anchor EN795B to a temporary lifeline EN795B for a user or a retractable device EN360 valid for working horizontally or any other personal protective equipment, verify the compatibility in the instructions of all the equipment and components. The fall protection equipment and devices that can be associated with a temporary anchor EN795B connected to an Omega Anchor will be the ones indicated as compatible or possible equipment associated in the instructions for use of the anchor 795B.

The temporary anchor EN795 B connected to the rod of the Omega Anchor cannot have knots of any type.

The temporary anchor EN795 B connected to the rod of the Omega Anchor cannot have any type of strangulation or sliding fastener inside a connector EN362.

The temporary anchor EN795 B connected to the rod of the Omega Anchor cannot have any type of strangulation or sliding fastener on the inside of metal rings, whether pertaining or not to the temporary anchorage.

Do not connect to the Omega Anchor rod carabiners, maillons, cords, fixing elements, cables, chains, or any element different from a textile type temporary anchorage EN-795B.

The connection of the anchor point provided by the anchor EN-795 B with the rest of the fall protection system must be made only with an EN 362 connection correctly blocked outside the scope of corners or protrusions.

Comply with the indications in all the instruction manuals for temporary anchorage devices EN 795B, personal protective equipment, components and devices that form the fall protection system. All the personal protection equipment, components and anchors of the fall protection system must be compatible with each other.

Respect the indications of association of components to form a fall protection system indicated in the standard EN363 and in all the instructions for use of the associated equipment.

The use of Omega Anchors for fixing, lifting, pulling or suspension of loads is prohibited.

Not to be used by workers that are not physically or psychologically in sound condition, by minors, or by pregnant women.

Whenever possible, use the fall protection system as a position limiter (retention system) so that there is no possibility of falling. If this is not possible, the work

must be planned and performed in such a way that the risk of falls from height, the fall factor, and pendular type falls are reduced as much as possible.

Whenever there is a risk of falls from height, the height of the fall must be limited to 2 metres. The length of the combined fastening rope EN354 + energy absorber EN355 + connectors EN362 will not exceed 2 metres.

A fall arrest harness EN 361 is the only means of gripping of the body that can be used in a fall protection system. The use of energy dissipator EN355 is mandatory if there is risk of falls.

Do not connect to an Omega Anchor more than one anchor EN795 B. A maximum of 1 person secured to an Omega Anchor. Do not use temporary lifelines EN795 B for 2 or more users simultaneously.

Do not use if there is risk of collision with the ground, objects or other persons in case of falling.

Protect all the elements and components of the fall protection system from sharp edges and corners, abrasive surfaces and elements, sparks and projections, chemical or abrasive products and possible damages by machinery and tools or by falling material.

6-OTHER USES: Anchor suitable for placement of horizontal S Type safety nets EN1263-1 in compliance with network installation instructions.

Use only with compatible nets and compatible mounting accessories.

The use of Omega anchors intended for nets as anchor for fall arrest is forbidden

Any other use is prohibited.

7-INSPECTION OF THE FALL PROTECTION ANCHORAGE AND USEFUL LIFE

Check the Omega Anchorage before every use.

Do not use any anchor in case of presence of rust, deformation of the rod, incorrect closure or absence of the lid, presence of cracks or fissures in the concrete.

Do not use any anchor in case of being placed on a structure of less than 1.5m³ or on a surface of less than 18cm thickness, or on a surface of less than 2m² °, or placed less than 70cm from the edge, or placed on projections or that has the rod above the surface of the concrete or placed with the levelling ring of the plastic recipient not flush with the concrete surface.

Do not use the anchor if it has stopped a fall.

Valid anchors to be concreted only once.

Review every 12 months of the anchor and the concrete structure support is compulsory. Do not use 5 years after its installation.

Do not use any anchor whose rod is not original from the manufacturer or has been straightened or repaired.

In the event of observing any deficiency or exceeding time of use, the anchor must be taken out of service permanently by filling with concrete or mortar.

The anchor must be transported and stored in a dry place in its original packaging, distant from sources of humidity, heat, sunlight and corrosive atmospheres.

Register the installation and the verification of the Omega anchorage before its use according to the specifications in this section. Document according to attached table "Record of installation verification and inspection Omega Anchorage"

Anchorage installed by (name / signature)	
Authorized user (name and signature)	
Date of manufacture	Date of purchase
Date of installation	Valid until
Date of next inspection	
Identification of the location (position, sketch...)	
Observations	
Defects	
In conformity with these instructions. Anchorage suitable for use.	Checked by (name, date, and signature)

8- LIABILITIES.
 "OMEGA ANCHORS S.L" will not be liable for failures injuries, damages or deaths caused by the use of failure of fall protection components, equipment or devices associated or connected with Omega Anchors or for failures, injuries, damages or deaths caused by assembly or use that is incorrect or not in conformity with these instructions.
 You will assume the risks associated with the works with risk of fall at heights and the responsibility for your actions.
 If the product is exported by a reseller, the reseller must check that it complies with the legal requirements of the country and provide these instructions in the language of the country where it is to be used.
 OMEGA ANCHORS SL is not liable of responsibility for damage caused to the concrete structure by the installation of the anchor.
 OMEGA ANCHORS SL is not liable of responsibility for any malfunctioning or accident caused by insufficient strength of the structure or the concrete.
 The use and commercialization of Omega Anchor is forbidden in the US, Canada and Mexico

9-STRENGTH. ABOUT CE MARKING.
 Static and dynamic strength requirements established in standard EN795:2012 verified by test in combination with textile anchorage EN 795 B. Declared strength of the anchor of 16KN verified by tests in combination with textile anchorage EN795B. See www.omegaanchors.com
 The fall arrest anchors are not subject to CE marking (except transportable anchors for just one person which are considered PPE)
 The structural anchorages are outside the scope of the European Directive 89/686/CEE. They are not considered PPE.
 European Regulations on Construction Products (EU) No. 305/2011:
 CE marking is only obligatory for products covered by harmonized standards.
 The structural anchorages are outside the standard of anchorage devices EN795:2012.

Manufacturer: Omega Anchors S.L (CIF B-99465148)
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www.omegaanchors.com



16 KN

EN 795B ≥ 22 KN

EN 362

EN 795B -50% KN

16 KN

+EN795B + EN362

EN 795B ≥ 22 KN

EN 795B ≥ 22 KN

EN 795B < 22 KN

> 70 cm

> 100 cm

> 70 cm

> 70 cm

> 18 cm

> 2 m²

> 19 MPa

> 1,5 m³

EN 795B ≥ 22 KN

EN 795B ≥ 22 KN

EN 795B < 22 KN

CLICK

> 19 N/mm² (19 MPa)

≠ EN 795B

EN 361 + EN 362 + EN 355

EN 358