

ALUMINIUM ANCHOR PLATE

**STANDARDS**

EN 795 : 2012 type A

TS 16415: 2013

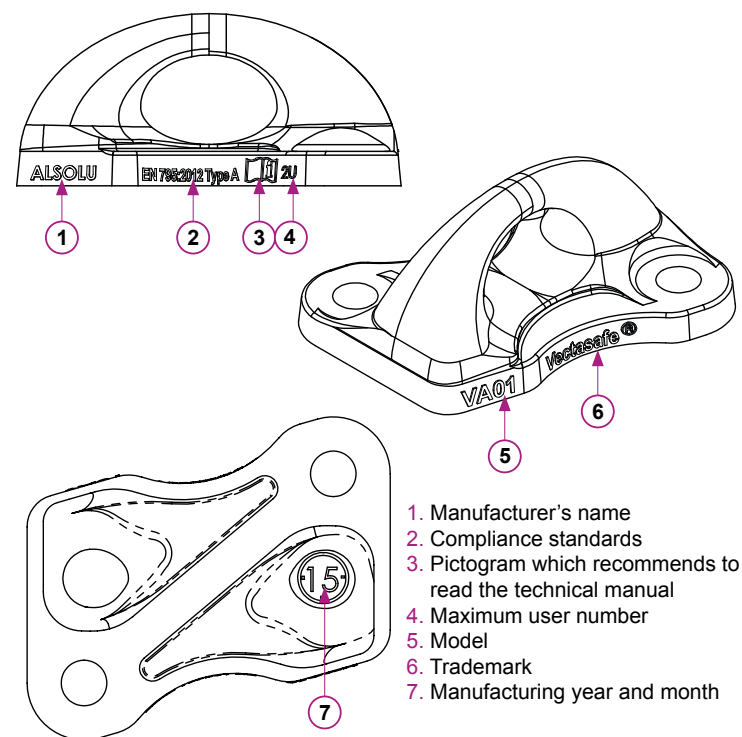
TABLE OF CONTENTS

DEFINITION	p.3
REGULATIONS.....	p.3
DIMENSIONS	p.3
INSTALLATION - ASSEMBLY	p.3
FITTING ORIENTATION AUTHORISED	p.4
SUPPORTS	p.4
INSTALLATION RECOMMENDATIONS	p.4
USE - MAINTENANCE	p.4
CONTROL SHEET – RECEIPT OF THE VECTASAFE® ALUMINIUM ANCHOR PLATE	p.6
IDENTIFICATION SHEET	p.7
ANNUAL CONTROL CARD	p.7
INSTALLATION SCHEMATIC PLAN	p.8

ALUMINIUM ANCHOR PLATE

DEFINITION

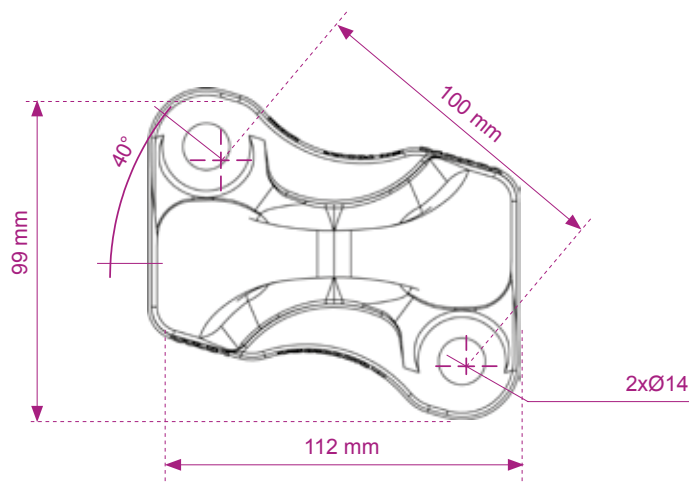
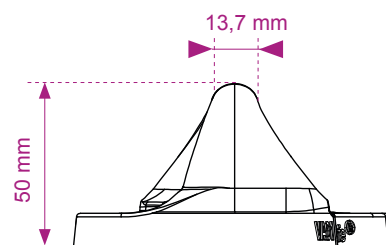
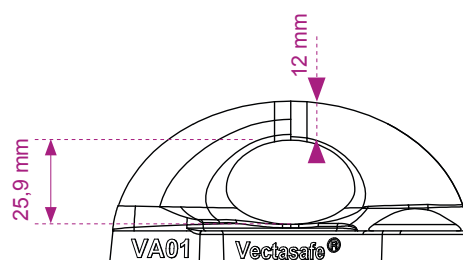
VECTASAFE® aluminium anchor plate is a personal protection system against falls from a height. This device is intended exclusively for the safety of persons and must be used with appropriate personal protective equipment (PPE). The plate must in no way be used in any purpose other than that for which it is planned. Its fastening ring enables to hang directly the connecting carabiner. VECTASAFE® aluminium anchor plate is made of aluminium alloy and can be used both indoor and outdoor.



REGULATIONS

VECTASAFE® aluminium anchorage plate is conform with EN 795 standard: 2012 type A (cf conformity certificate). According to European directive 89/686/CEE, this anchorage point is not a personal protective equipment and CE certification is not applicable. According to NF EN 795 standard and the TS 16415: 2013 technical specification, VECTASAFE® was submitted to static and dynamic tests and suffered no strain. Static load: 1300 DaN in all directions. Dynamic load: Satisfying tests according to NF EN 795 § 5.3 standard. According to the tests realised, the VECTASAFE® anchor plate can be used by 2 persons maximum.

DIMENSIONS



INSTALLATION - ASSEMBLY

> Choice of location:

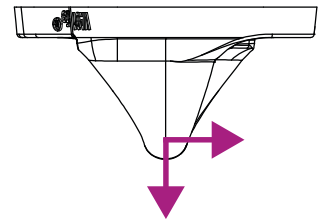
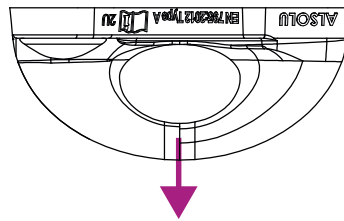
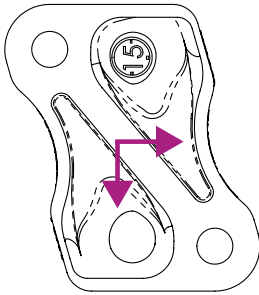
- Choice of location must be made in order to ensure continued safety of the user.
- Risk of falls should be analysed before installation to prevent any risk of collision with obstacles, machines. The aircraft should be in line with the PPE system used (lanyards, absorbers, ...).



ALUMINIUM ANCHOR PLATE

AUTHORISED FITTING ORIENTATION

The maximum load that can be transmitted in service by the anchor plate to the structure is 12 kN.



SUPPORTS

On reinforced concrete, fastening is carried out by two M12 screws and safety nuts.

We recommend a fixation by chemical anchors type ETANCO or equivalent. Outside we recommend the use of stainless steel fasteners. For direct fastening in reinforced concrete, the minimum concrete thickness must be 120 mm. Otherwise, provide a back plate and two threaded rods for clamping.

Tightening torque: 40 N.m

Any other support: please contact the manufacturer.

INSTALLATION RECOMMENDATIONS

- VECTASAFE® aluminum anchor plate must only be installed by competent persons or organizations.
- The installation should be checked appropriately, for example by calculation or testing.

USE - MAINTENANCE

- VECTASAFE® Aluminum Anchor Plate is designed for use by up to two people with an EN 355 compliant energy absorber and lanyard.
- It is strictly reserved to the use of personal protective equipment (PPE) anchorages to prevent height fall and not for lifting.

- Made sure that the PPE you use with the aluminium anchor plate is not damaged in order to guarantee its safety function.
- Before use, every operator must have been taught how to connect the anchor point to the PPE and how to use it.
- For safety reasons, the VECTASAFE® aluminium anchor plate must only be used by a trained and competent person.
- Before any use, a visual inspection is necessary to insure that VECTASAFE® aluminium anchor plate do not present discrepancy (shock, strain...) and is in good working order.
- For security, it is essential that it should be correctly placed in order to reduce to a minimum risk to fall and height of fall.
- A fall arrest harness is the only body-gripping device that can be used in a fall arrest system. The latter is connected at the level of the fall arrest point with an energy absorber according to EN 355 standard and a lanyard.
- Dorsal or sternal anchorage points authorized. For security, it is essential that the anchor plate should be correctly placed and work should be executed in order to reduce to a minimum the risk to fall and the height of fall. Make sure that the slack of the lanyard is reduce to the maximum.
- PPE used (lanyards, harness, energy absorber, etc.) with VECTASAFE® aluminium anchor plate will have to consider risks associated with configuration of sites, and it should be checked in case of a fall that user may not collide with ground or encounter an obstacle during fall trajectory (sufficient air draft).

ALUMINIUM ANCHOR PLATE

- Any modification of VECTASAFE® aluminium anchorage plate or any addition to the equipment can not be done without the prior written consent of the manufacturer.
 - Make sure you are fit to use it. Certain medical conditions, use of medication, alcohol or drug abuse may affect your safety.
 - An emergency plan must be put in place to deal with any emergency that may arise during work.
 - In case of apparent discrepancy or if the VECTASAFE® aluminium anchor plate has been used to stop a fall, its use must be stopped immediately and it should not be used until a competent person has written permission to reuse it after its control and its verification.
 - When anchoring device is used as a part of a fall arrest system, user must be equipped with an effective means for limiting the maximum dynamic forces exerted on user when stopping a fall, with a maximum value of 6 kN.
 - If the product is resold outside the first country of destination, it is essential for the safety of user that dealer should provide instructions for use, instructions for maintenance and periodic examinations in the language of the country of destination. These documents may be provided upon request by contacting the manufacturer.
 - VECTASAFE® aluminium anchor plate requires no special maintenance, however a visual inspection must be carried out at least once a year by a competent person and in strict compliance with manufacturer's periodic inspection procedures. This control must appear on the safety register and ensure maintenance of the highest standards of efficiency and resistance of the equipment. During this examination, the readability of the product markings must be checked. An inspection by the manufacturer must be carried out after 10 years (lifespan recommended for VECTASAFE® aluminium anchor plate. At the end of this period, the manufacturer will be in measure to renew the guarantee for 10 years).
 - VECTASAFE® aluminium anchor plate must be stored and transported in a dry, ventilated place free of any substance that may affect the condition of the components such as a humid or corrosive environment.
 - We recommend that an identification plate (see below) be placed near the anchoring device or at the site access. This plate contains the following information: name of manufacturer, characteristics, number of users, year of manufacture, pictogram recommending to read the instructions for use, pictogram with the obligation to wear a safety harness.

PERSONAL PROTECTION - ANCHORAGES

VECTASAFE® ALUMINIUM ANCHOR PLATE

Type	Aluminium 2 fixings	Standards	EN 795 : 2012 type A TS 16415: 2013
Ref.	VA01	Maximum users number	1
Year of manufacture	Installation date		
Height of fall	metres		
Recommended PPE	<div style="display: flex; justify-content: space-around; align-items: center;"> </div> <div style="display: flex; justify-content: space-around; align-items: center; margin-top: 10px;"> <div style="text-align: center;"> OBLIGATORY PPE </div> </div>		
ANNUAL INSPECTION			
DATE		DATE	
VISA		VISA	
INSTALLER		DISTRIBUTOR	
MANUFACTURER			
89 rue Florent Evrard, 42100 Saint-Etienne - FRANCE Tél : +33 (0)4 77 47 45 00 - Fax : +33 (0)4 77 47 45 01 Mail : info@alsolu.com - Site web : www.alsolu.com			



ALUMINIUM ANCHOR PLATE

CONTROL SHEET – RECEIPT OF THE VECTASAFE® ALUMINIUM ANCHOR PLATE

Subject:

Construction site address:

Operator: Represented by Mr./Ms.:

Address:

Tel: Fax: Email:

Installation company: Represented by Mr./Ms.:

Address:

Tel: Fax: Email:

CARD TO BE FILLED OUT BY THE SITE SUPERVISOR (after the installation of VECTASAFE® aluminium anchor plate system).

TICK:

☐ Control of fixings with dynamometer (if support in concrete)

☐ Control of quality support done

☐ Tightening torque of fixing screws is 40N.m.

☐ Identification plate is visible.

☐ No discrepancy is noted.

☐ Air draft verification: Number of metres:

☐ Validation of the authorised PPE by the users

Possible comments:

Date and place:

For the operator:

For the installation company:

Date and signature:

Date and signature:



ALUMINIUM ANCHOR PLATE

IDENTIFICATION SHEET

An identification sheet must accompany the product during its use.

Type of equipment: Aluminium anchor plate

Trademark: VECTASAFE®

Manufacturer: Alsolu, 89 rue Florent Evrard, 42100 Saint-Etienne - FRANCE

Tel: +33 (0)4 77 47 45 00 - Fax: +33 (0)4 77 47 45 01 - Email: info@alsolu.com

Year of manufacture (see marking)

Date of purchase:

Date of installation:

Date of first use:

ANNUAL CONTROL CARD

DATE TYPE	EXAMINATION	NAME EXAMINER	COMPANY EXAMINER	SIGNATURE EXAMINER	COMMENTS	DATE NEXT EXAMINATION

Following each periodic review, it is the responsibility of the examining company to affix a badge of the date of the next verification to be carried out on the VECTASAFE® anchor plate. This badge must be legible and visible.



ALUMINIUM ANCHOR PLATE

INSTALLATION SCHEMATIC PLAN

A schematic plan should be placed on the building so that it is visible to all.
Here is an example of a schematic plan of the installation that can be used.

Schematic drawing of the installation			
Building / Structure			
Address:		Order number:	
Comments:		Order type:	
		Shape of the roof:	
		Anchorage device	
Customer			
Name:		Contact:	
Address:		Phone number:	
Installer			
Name:		Installation supervisor:	
Address:		Phone number:	
Anchorage device			
Manufacturer:			
Model/type identification:			
Building components			
Component 1:	for example, concrete ceiling	Minimal thickness: for example, 250 mm	
Component 2:	for example, concrete ceiling	Minimal thickness: for example, 500 mm	
Building material:	for example, reinforced concrete	Quality: for example, C25 / 30	
Fastenings / Dowel pins			
<input type="checkbox"/> Data related to fastenings Drilled hole diameter: _____ mm Drilled hole depth: _____ mm Torque: _____ Nm Data not required in case of cross fastening Real situation: Distance from edge Cx : _____ Cy : _____ Axial spacing Sx : _____ Sy : _____ Comments: _____ Drilling method: <input type="checkbox"/> Hammer <input type="checkbox"/> Drilled hole cleaning <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Rotary <input type="checkbox"/> Fastenings testing device <input type="checkbox"/> Wet <input type="checkbox"/> Dry Testing device: <input type="checkbox"/> Torque wrench <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No			
CHECKING LIST: <input type="checkbox"/> Substrate unless exception (no doubt about capacity) <input type="checkbox"/> Installation compliant with manufacturer instruction <input type="checkbox"/> Recommended fastenings <input type="checkbox"/> All fastenings photographed with identification number <input type="checkbox"/> Visible fastenings <input type="checkbox"/> Installation drawing on the site <input type="checkbox"/> Screws immobilization with cross fastening technic <input type="checkbox"/> Informations complémentaires _____ _____			
Roof drawing from the ground 			
Tensile strength (kN), required torque (Nm) ?			
Anchor point 1 _____	Anchor point 5 _____	Anchor point 9 _____	Anchor point 13 _____
Anchor point 2 _____	Anchor point 6 _____	Anchor point 10 _____	
Anchor point 3 _____	Anchor point 7 _____	Anchor point 11 _____	
Anchor point 4 _____	Anchor point 8 _____	Anchor point 12 _____	
Additional fastenings: _____			
Comments of the installation supervisor: _____			
Date :		Signature :	

When several anchor points are to be photographed for identification purposes, it is recommended to mark anchor devices with numbers and incorporate these numbers in the inspection records of the anchor device and ground plan of the installation area.