www.tritone.biz
Tel. +39 059 9782809

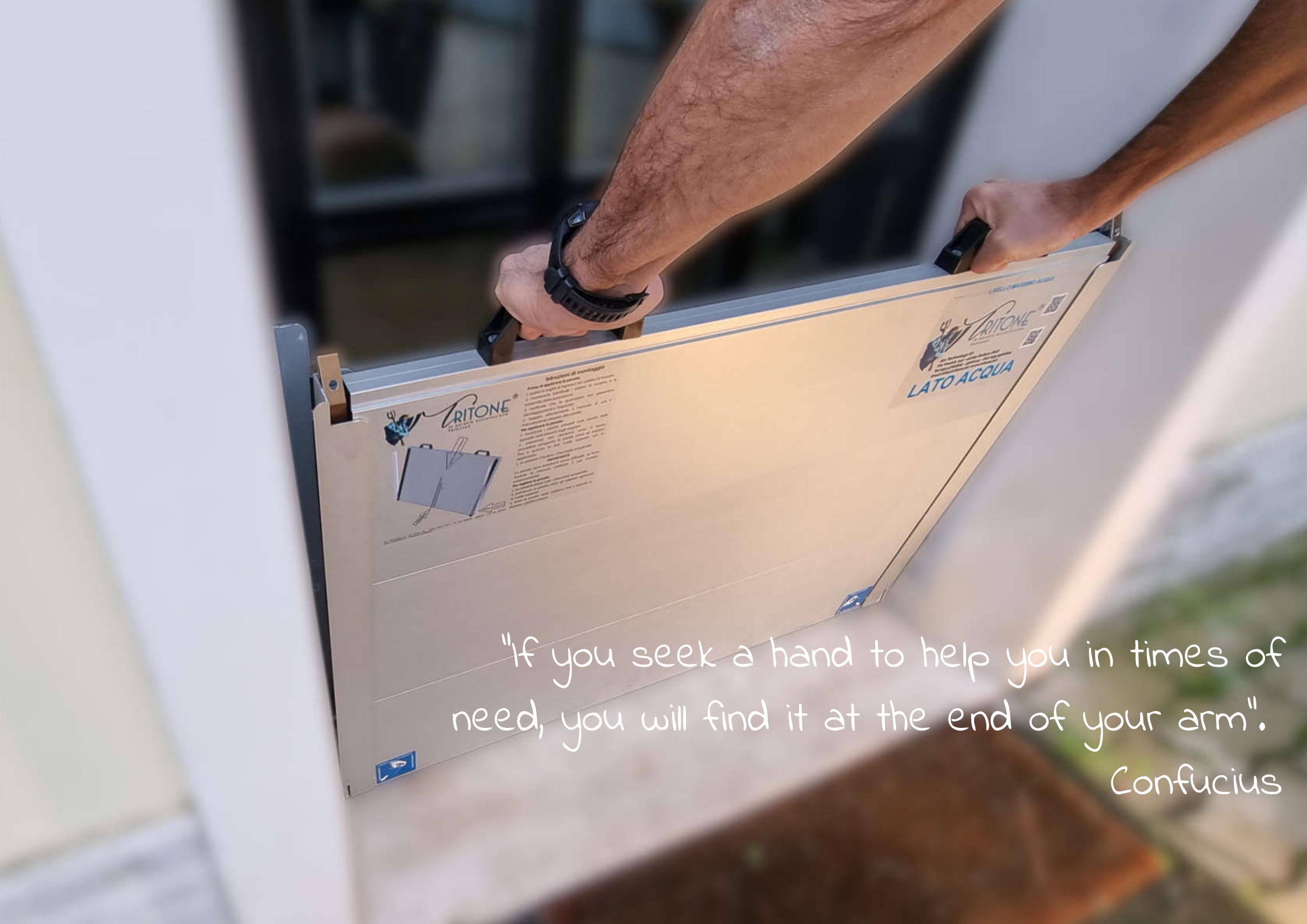
TRITONE
la paratia antialluvione

Tritone by Alu Technology

Anti-flooding solutions

General Catalogue

2023 - 2024



"If you seek a hand to help you in times of need, you will find it at the end of your arm".

Confucius

Tritone produces and sells anti-flooding systems for indoor and outdoor environments:

Normal bulkheads (Triton)

Stackable bulkheads (Beaver)

Bulkheads in kit (Noè)

Accessories

Everything you need to protect yourself from flooding

Tritone the anti-flood bulkhead: who we are

Alu Technology is based in Soliera in the province of Modena (ITALY), was born in 2015 as an innovative startup to produce Tritone, a **modern anti-flooding bulkhead** that combines **simplicity and speed of application** with safety in closing and perfect water tightness. result of a patent of its founder.

Over the years the company has consolidated and currently produces three **different types of bulkheads** and markets all the accessories necessary to protect buildings from the risk of flooding or flooding.

Through a network of resellers and installers, Tritone distributes its products all over the world.

In the continuous search for the highest quality, Alu Technology had Tritone bulkheads tested by the TÜV Italia Certification Body.

Alu Technology S.r.l.
Via Vivaldi, 144 - 41019 Soliera (MODENA - ITALY)
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Contact us on WhatsApp

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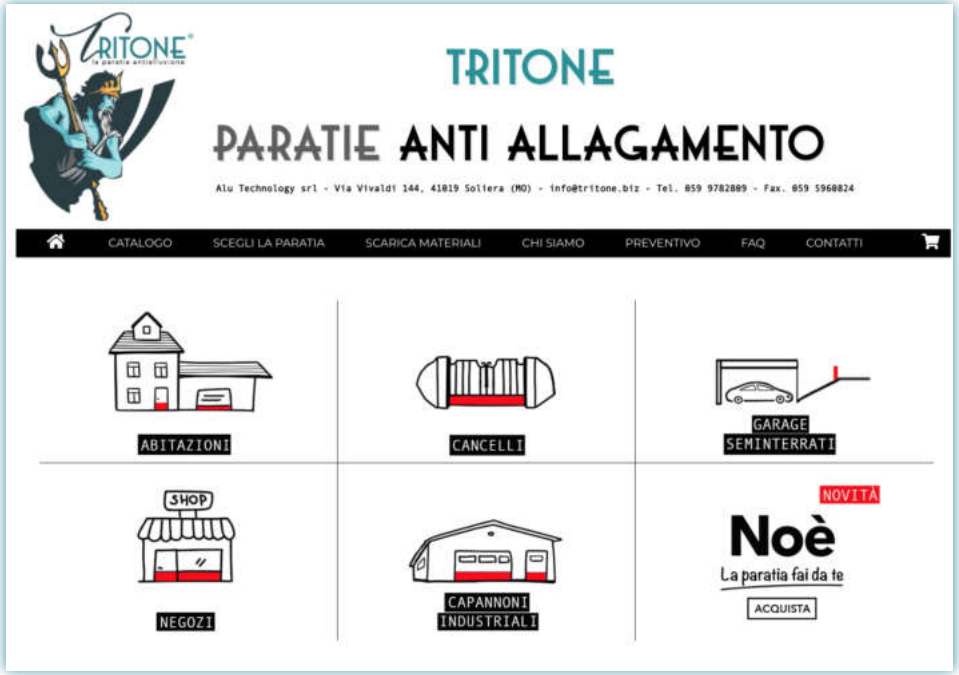
All stages of production are carried out in the company plant in the province of Modena **with the utmost care in the workmanship and materials used**.

The company's **mission is to help people protect themselves from the risks of flooding** due to climate change.

For Alu Technology / Tritone, working in this field means doing their best to create **safe and effective products**, customized to the customer's needs and supplying them in the shortest time possible to make their life more serene.



For more information
consult our website
www.tritone.biz

TRITONE
TRITONE
LATO ACQUA

Anti-flooding bulkhead with patented quick release

For the protection of all types of entrances

Safe, the tightness of the Tritone bulkhead has been tested by the TÜV Italia Certification Body which has ascertained its perfect effectiveness.

Fast, its patented locking system allows you to compress the seals without the possibility of error quickly by anyone.

Economical, built in a simple but effective way, it is the right bulkhead for your entrances.

The tightness of the Tritone bulkhead has been tested by the TÜV Italia certification body which has ascertained its perfect effectiveness.

Contents of the Tritone bulkhead kit

The Tritone kit contains everything needed to install and apply the bulkhead.

1. Tritone bulkhead made to measure and equipped with expanded EPDM gaskets.
2. Technopolymer handles with fixing screws.
3. Closing spring kit with fixing screws.
4. Spatula for making silicone joints.
5. Lubricant tube for bulkhead application.
6. Polymer for sealing the corners and related accessories that may be present.
7. Bulkhead installation and maintenance manual.
8. Angles to be fixed at the entrance equipped with plates for hooking the bulkhead.

The stages of the installation

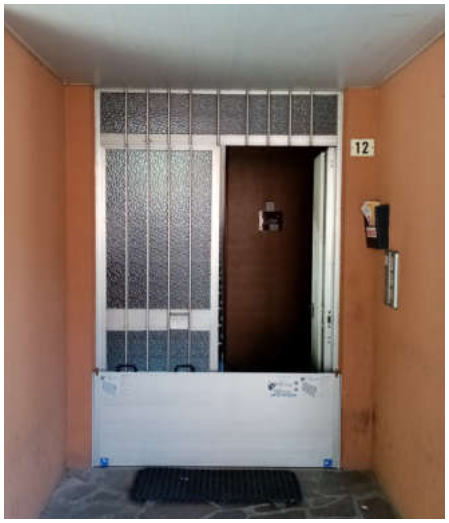
The Tritone bulkhead is an anti-flooding barrier designed and patented to make its application in **all entrances** simple, **fast and safe**.

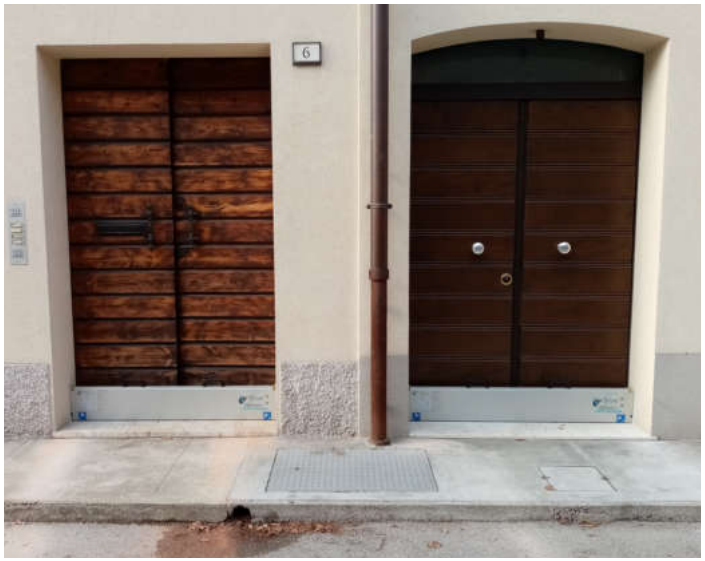
Tritone effectively protects the entrances of: **homes, garages, shops, laboratories, warehouses and entrance gates**.

The bulkhead is made to measure according to the compartment to be protected and the desired height.

It can be installed both by our qualified staff and by the customer in complete autonomy using the manual and video guides available on our YouTube channel

Examples of applications for homes





Examples of applications for gates

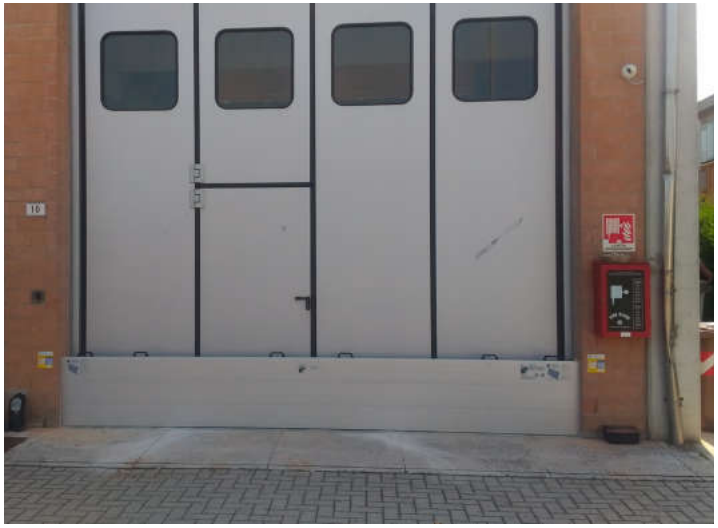
GATES

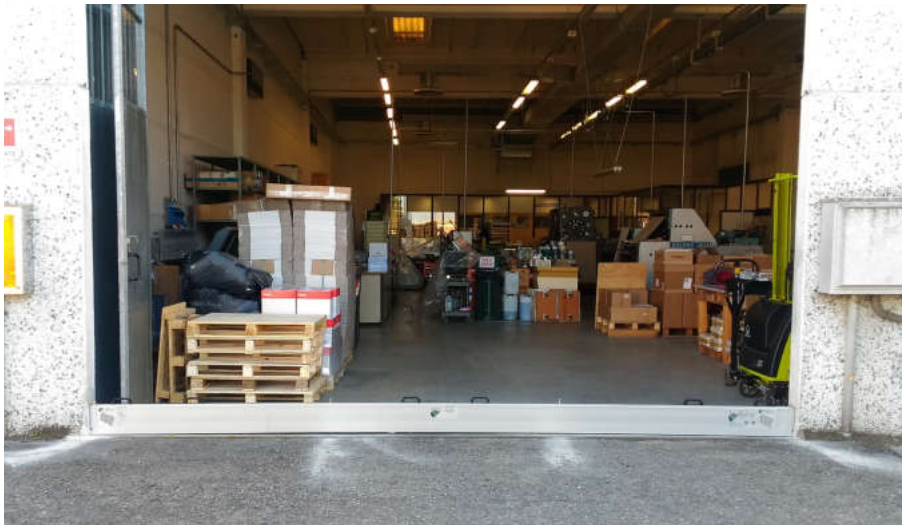
Examples of applications for shops

SHOPS

INDUSTRIAL SHEDS

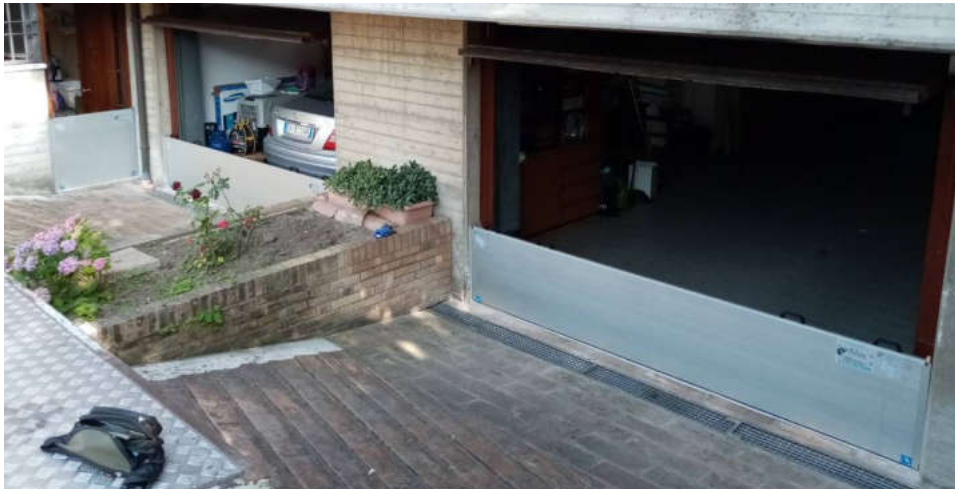
Examples of applications for sheds





Examples of garage applications

BASEMENT GARAGES



Section break columns

Section break columns

Through the use of extractable columns specially designed for all types of bulkhead, it is possible to **cover large spaces** by connecting the bulkheads to each other.

Section breaker installation sequence

Examples of use of the crossbar columns to cover large spaces

TRITONE
BEAVER

Anti-flooding bulkhead

with stackable modules.

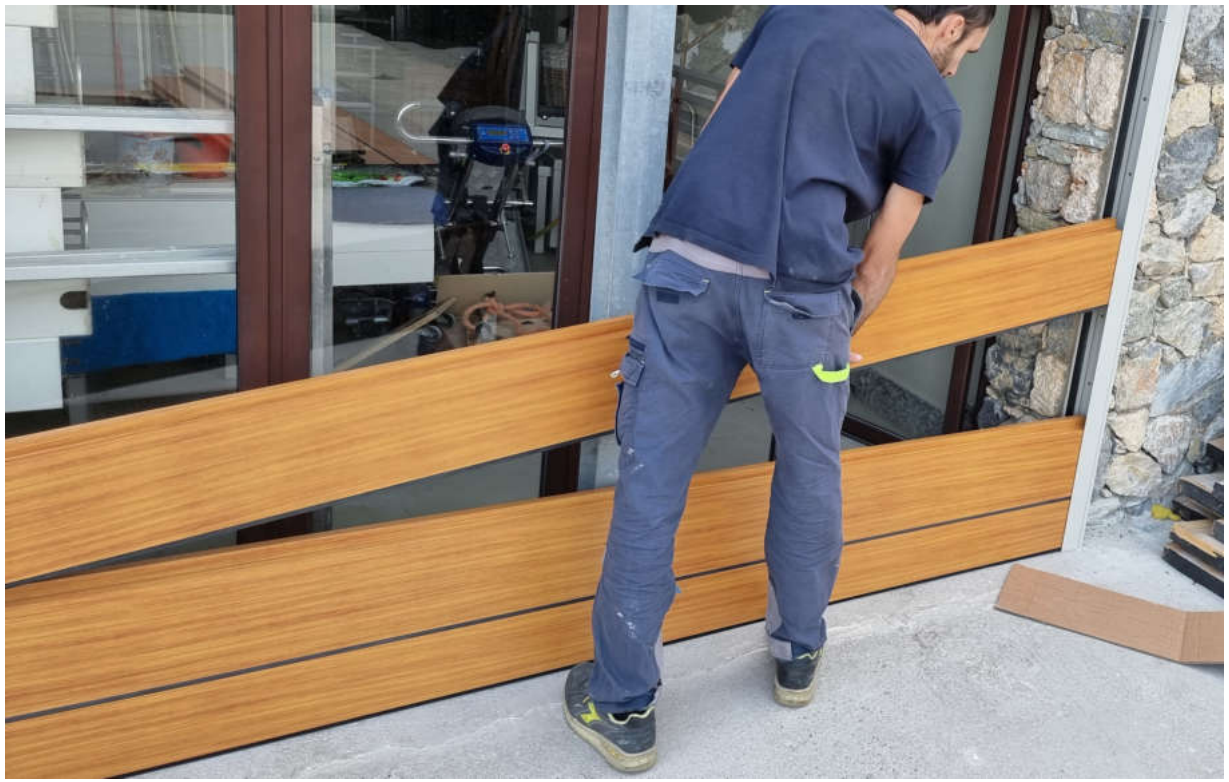
Do you **need to protect a large entrance**? Tritone Beaver is the bulkhead for you, thanks to its stackable modules it is possible to easily cover great heights.

Modular, bulkhead made up of stackable tubular elements equipped with gaskets.

Robust, the special aluminum alloy, the anodic oxidation and the size of the modules make the bulkhead extremely robust.

Adaptable, thanks to the special closing hooks it is possible to carry out partial assemblies so that only what is needed is used.

Each bulkhead module is equipped with uniquely designed gaskets which **guarantee its hydraulic seal**.



After preparing the entrance with the **guides supplied in the kit**, it is possible to assemble and disassemble the bulkhead very simply, even when the barrier to be positioned is very large.

Thanks to the closing hooks it is also possible, if necessary, to carry out partial assembly.

Ideal bulkhead for the protection of entrances that require **significant heights**.

By using section-breaking columns, it is possible to cover any entrance.

NB: in the photos shown above, the bulkheads are in aluminum covered with a chromatic effect that simulates wood

Beaver bulkhead examples

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NOÈ

TRITONE
la paratia antialluvione
Patented
Istruzioni di montaggio
LIVELLO MASSIMO ACQUA
TRITONE
la paratia antialluvione
Patented
Alu Technology Srl
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Tel 059 5782809 - 5982114 - FAX 059 5960824
Email info@tritone.biz www.tritone.biz
LATO ACQUA

Bulkhead DIY Kit **anti flooding**.

Do you have a passion for housework? **Tritone Noè** is the bulkhead for you, you can protect yourself from water bombs with an eye to **saving**.

Do it yourself, the kit includes all the accessories necessary for the construction of an anti-flooding bulkhead.

Safe, the tightness of the Tritone Noè bulkhead has been tested by the TÜV Italia certification body which has ascertained its perfect effectiveness.

Economical, you only have to add the armor board and the bulkhead is done in a few gestures.

Contents of the Tritone Noè kit

Tritone Noè is a **unique kit on the market**, you just have to add the formwork board (the yellow ones) and the dowels and you can create your own **tested and safe anti-flooding bulkhead**.

The Tritone Noè kit is designed to make the DIY creation of an **anti-flooding barrier simple**, the patented closing system is the same as that found in our classic bulkheads.

Using the accessories contained in the kit, the application of the bulkhead will be **simple and safe**, the seals will compress and your rooms will be protected against flooding.

Watching our **video guides** or using our manual, making your bulkhead will be simple and fun.

The bulkheads will all be 500 mm high and up to 3 meters long, the maximum length of the armor planks.

You can find the video guides on the following YouTube channel: www.youtube.com/@tritonelaparatiantiallagamento

There are 3 kits that can be purchased (A, B, C, based on the type of assembly), each in 2 versions based on the width of the entrance to be protected.

By following our **configurator** (visible on the tritone.biz website) you can see which type of assembly best suits your entrances.

The tightness of the Tritone Noè bulkhead has been tested by the TÜV Italia certification body which has ascertained its perfect effectiveness. Sealing is ensured if the flooring is smooth and straight within 2 mm and the side walls are perpendicular to the flooring and parallel, but thanks to our accessories it is possible to ensure perfect insulation even in the case of a threshold with joints and in the case of other specific features.

In normal light

Tritone Noè A
(Lengths up 1,5 m)

Tritone Noè A L
(Lengths over 1,5 m)

In light with the tubes

Tritone Noè B
(Lengths up 1,5 m)

Tritone Noè B L
(Lengths over 1,5 m)

Front with pipes

Tritone Noè C
(Lengths up to 1,5m)

Tritone Noè C L
(Lengths over 1,5 m)

Accessories

Anti-flooding accessories

Accessories for the **complete sealing of your environments**, from non-return valves to end-of-line valves up to expansion caps.

If the environments to be protected also have drains (for example **bathrooms** or garage drains) or ventilation holes (for example kitchen ventilation) it is necessary to protect them, so that during flooding, **they do not represent a potential access of water**.

Due to the principle of communicating vessels, the water will try to enter by passing through any conduit present, which is why it is very **important** to protect your drains when you install our anti-flooding bulkheads.

Anti-reflux valves

Type 2 anti-reflux valve, equipped with two stainless steel coated closing plates and locking handle.

Clapet valves

Clapet end-of-line valves to close your drains and exclude returns due to the principle of communicating vessels

Caps

Expanding plugs to close your accesses, or your ventilation holes with diameters from 2.4 to 15.5 cm

Installation accessories

Universal thixotropic epoxy adhesive for threshold levelling

Two-component adhesive cement in cartridge to level our threshold plate, when the floor is too uneven.

Additional silicone

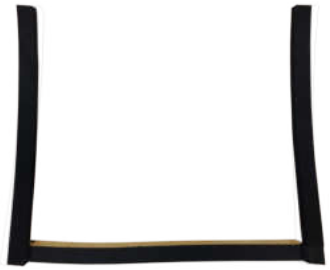
All our kits include a polymer tube for sealing the entrances, but if you need more, you can order both the normal one and the high adherence version

Quick cement gun

Gun to be used with cement in cartridge

Spare parts/accessories bulkheads

Spare gasket



All our bulkheads have replaceable gaskets, using the simple video guide anyone can renew the gasket

Spare hooks

Spare hook springs

Spare handles

Spare plastic handles for our bulkheads

Compartment light reduction columns or front mounting

Columns of all sizes to be able to apply our bulkheads in all entrances

Hooks to hang them on the wall

Hooks for storing our bulkheads without damaging the seals

Threshold plate

Threshold plate to smooth the gasket support surface

Sealing certifications of our bulkheads

TÜV Italia

TEST REPORT
RAPPORTO DI PROVA

WATERTIGHTNESS TEST ON ANTI-FLOODING BULKHEADS
PROVA DI TENUTA ALL'ACQUA SU PARATIE ANTIALLAGAMENTO

Revision no. 00 Date: 20/12/2021

Customer *(Richiedente)*:

- Dept./Firm *(Ente/Società)*: Alu Technology S.r.l.
- Mr./Mrs *(Sig./Sig.ra.)*: Andrea Baraldi
- Address *(Indirizzo)*: Via Vivaldi, 144 I-41019 Soliera (MO)

Test Request Form no.: *Modulo Richiesta Prova n.:*	Test Report sent to: *Rapporto inviato a:*
MES1849135A00TR	Andrea Baraldi
Name and Signature of the Inspector: *Nome e Firma Ispettore:* Luca Pitti	Name and Signature of the Technical reviewer: *Nome e Firma del Revisore tecnico:* Andrea Rotundo
Date of test samples receipt: *Data ricevimento campioni:* N/A	Date of test execution: *Data esecuzione prove:* 17/12/2021
Site of test execution: *Località esecuzione prove:* ☐ Via Brandizzo 123 I-10088 Volpiano TO Italy ☒ Alu Technology S.r.l. - Via Vivaldi, 144 I-41019 Soliera (MO)	Witness to the test: *Presenti alle prove:* Andrea Baraldi (Alu Technology S.r.l.) Luca Pitti (TUV SÜD)

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Form: ITA_F_09.01E (Rev.26–15 Feb 2021)

Test report n.: MES1849135A00TR	Project handler:	Phone: +39 011037221	TUV Italia SRL
Revision: 00	Luca Pitti		Divisione PS-Laboratori
Document name: MES1849135A00TR_E	Issue date: 20/12/2021	luca.pitti@tuvsud.com	

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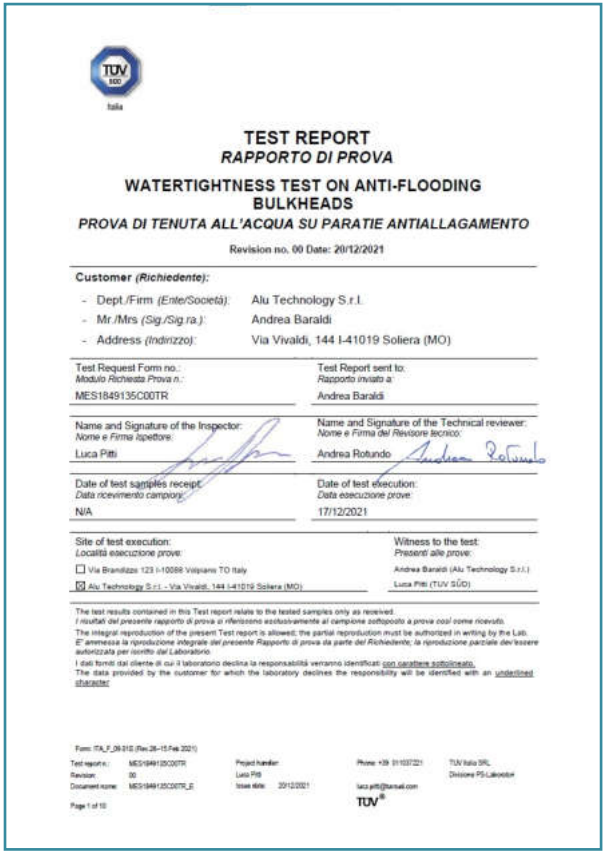

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