ZIKO EUROPA

A COMPANY WITH A LEADER'S MINDSET:

ZIKO EUROPA S.A. is an innovative company with a high production capacity for the design and manufacture of profiles. It boasts state-of-the-art computer systems and fully automated extrusion equipment in a 2,000-square-meter facility. Its advanced technology and highly qualified staff allow it to guarantee consistent quality across all its products. The quality, functionality, and service of its products are attested to by its numerous clients who have entrusted it with the protection and decoration of their walls.

MORE THAN 30 YEARS BY YOUR SIDE

We began operations in 1991 as manufacturers of decorative interior safety barriers, which remains our sole focus. We produce handrails, corner guards, and wall protection systems. Our systems are based on an aluminum profile attached to the wall and a floating plastic layer that absorbs impacts. They are commonly used in hospital construction and renovations.

Zikonyl

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INDEX

Handrail

Wall protector

Corner guards

Wallcovering

Frame door protection

Stainless Steal

Expansion Joint cover

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Certificate b,s1, d0

The B-s1,d0 classification is a Euroclass for reaction to fire of construction materials, in accordance with the UNE-EN 13501-1 standard, which guarantees a very limited contribution to fire, low smoke opacity, and the absence of flaming droplets. It is a high-safety standard for cladding.

What does the nomenclature mean?

- **B:** Combustible material with low contribution to fire.
- **s1:** Low smoke production and opacity, reducing the risk of suffocation and improving evacuation.
- **d0:** No falling drops or flaming particles during combustion

At Ziko Europa we obtained our fire certificate with the **AFITI** laboratory, the official fire testing laboratory of the Spanishthe Ministry of Industry created in 1975.

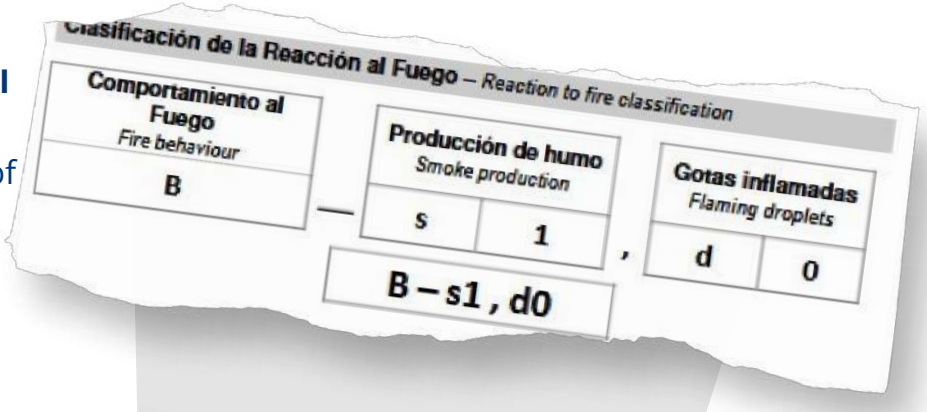

Image of the fire test:

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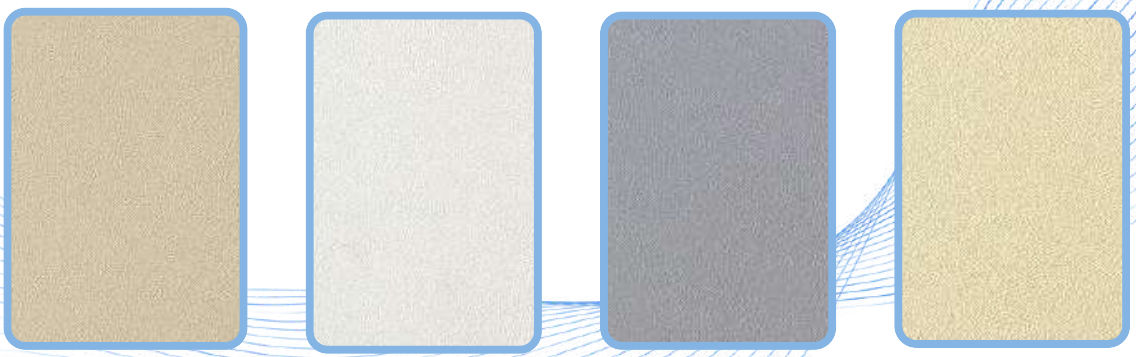
ZK801

POLYCARBONATE SHEET

The polycarbonate sheets are flat and mass-colored, with a fire resistance rating of **B,S1,d0**. They measure **2050mm x 1250mm** and are 1.5mm thick, although custom sizes are available. The sheets can be thermoformed with straight folds up to 2050mm in length. The number of folds will depend on the final design, so a preliminary study is conducted for each installation.

Available colors



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ZK-V

Handrail & Wallprotector

The ZK-V handrail and protector is made of an aluminum profile and Zikonyl®, and has a **Bs1d0 fire rating.**

This model is very versatile, as it protects walls from impacts with its 15cm width and also serves as a handrail. It is suitable for hospital rehabilitation areas as well as nursing homes, where finding support is essential for patients.

However, Zikonyl® handrails are so adaptable that they can be fitted to the characteristics of all types of buildings.

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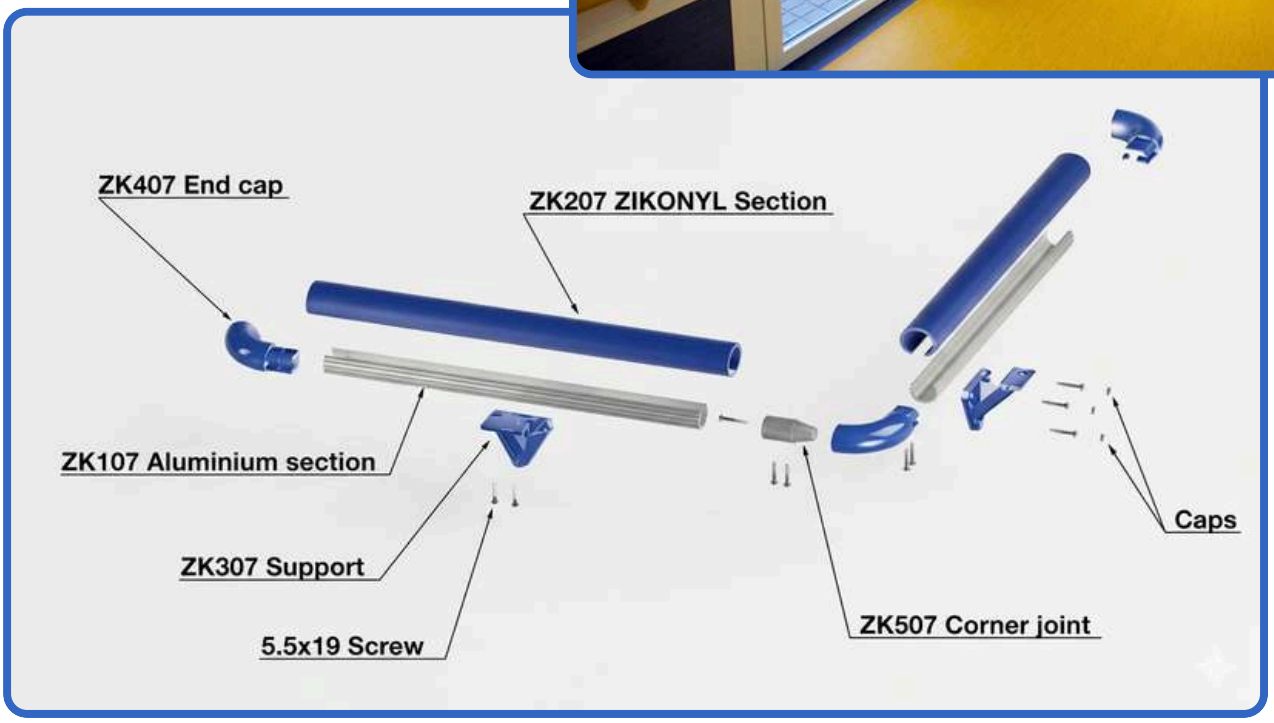
ZK-O

Pasamanos



The ZK-O handrail is made of an aluminum profile and Zikonyl®, **has a Bs1d0 fire certificate**, and is a very robust handrail thanks to its supports, which are designed with 3 anchor points, allowing for installation on plasterboard walls **without the need for additional reinforcement**, but at least a double layer of plasterboard is required.

Once you send us the measurements you need, we will space the brackets evenly to maintain a neat appearance. This can be done on both brick and drywall walls, as it's not necessary to place the brackets on top of the drywall's metal studs.

Our handrail can also be used to create a continuous railing on staircases.

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ZK-I

Stainless steal handrail

Stainless steel handrails are characterized by being manufactured in a single piece, free of welds and joints at the elbows where they terminate at the wall. However, sections longer than 5.5 meters will have one or more joints depending on their length. These joints are made using an internal, weld-free sleeve. They are manufactured from polished stainless steel tubing, 43 mm in diameter and 1.5 mm thick, AISI 304 grade, and are positioned 8 cm from the wall.

We also offer the version with a cap, instead of an elbow.

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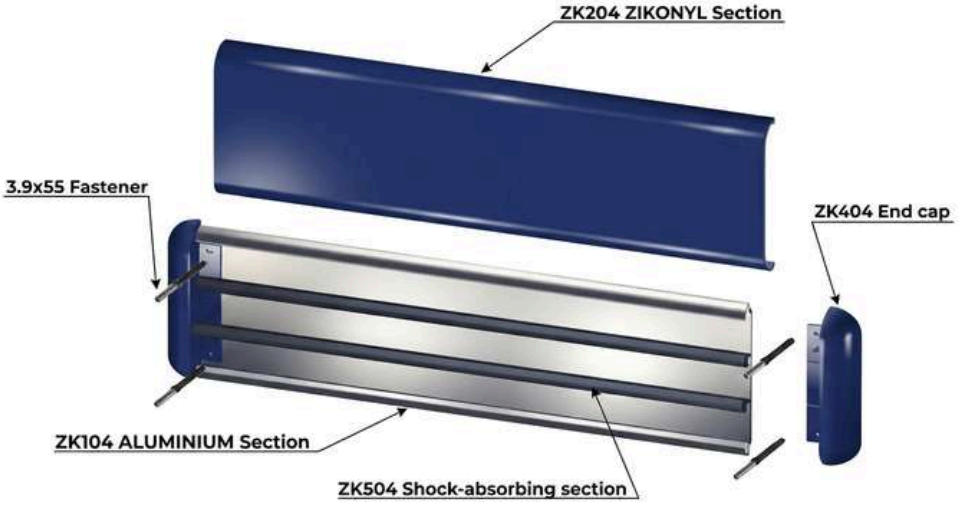
ZK-Z

wall protector



The ZK-Z model is a highly resistant decorative protection, made of aluminum and Zikonyl®, and has a **Bs1d0 fire rating**. Thanks to its 200mm width, it can protect against objects located at different heights. It is designed so that upon impact, the Zikonyl® never damages the wall; after the impact, the Zikonyl® recovers its original shape and dimensions. In all our manufactured designs, we have taken into account ease of assembly and reduced installation time, resulting in a highly efficient model.

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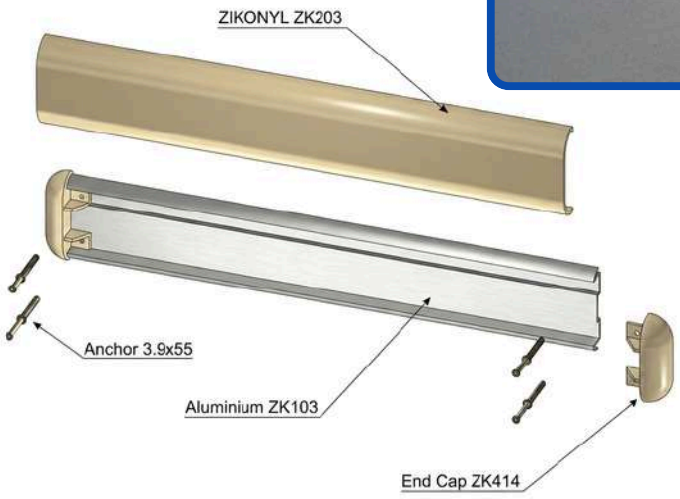
ZK-N

wall protector



The ZK-N is a highly resistant decorative protection made of aluminum and Zikonyl®, and it has a Bs1d0 fire rating.

It allows it to absorb the impacts that walls typically receive. Its 90mm width provides protection from objects located at different heights.
It is designed so that when absorbing the impact, the Zikonyl® never damages the wall; after the impact, the Zikonyl® recovers its original shape and dimensions.
In all our manufactured designs, we have considered ease of assembly and reduced installation time, resulting in a highly efficient model.

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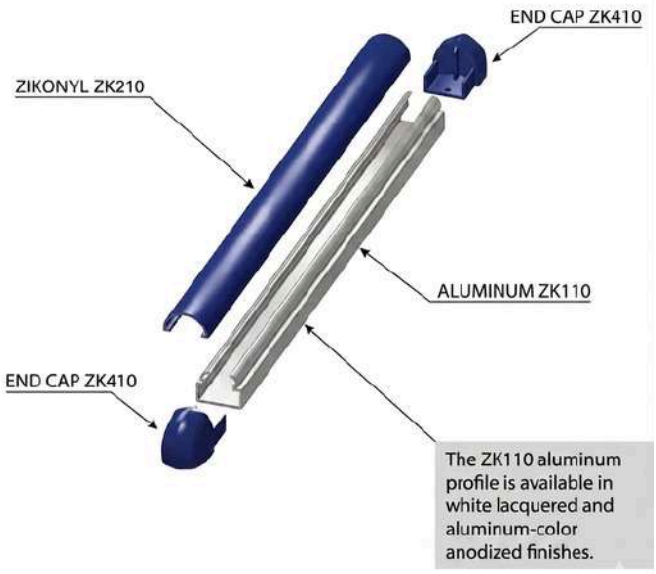
ZK-D

wall protector



The ZK110 aluminum profile is available in white lacquered and aluminum-color anodized finishes.

The ZK-D is a wall protection system made of aluminum and Zikonyl®, and it has a Bs1d0 fire rating. It is 40mm wide and extends well from the wall, allowing it to protect walls at varying heights. This model works particularly well when installed 15 to 20 centimeters from the baseboard, where wheelchair wheels typically rub.

In all our designs, we prioritize ease of assembly and reduced installation time, resulting in a highly efficient product.

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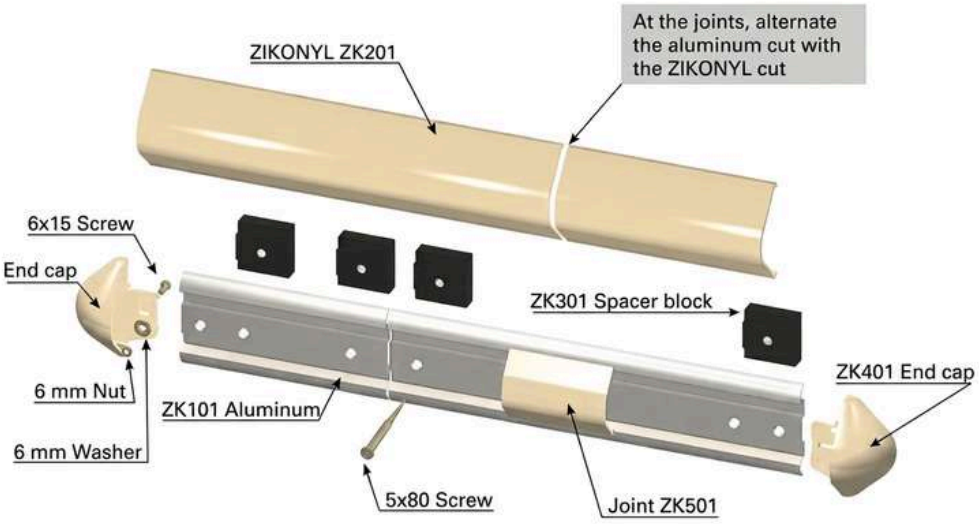
ZK-H

wall protector



The ZK-H is a highly resistant wall protector made of aluminum and Zikonyl®, and it has a **Bs1d0 fire rating.** It is 100mm wide and has a 58mm gap from the wall, separated from the wall by rubber strips that allow it to absorb even the strongest impacts without damaging the wall.

It is designed so that when absorbing an impact, the Zikonyl® never damages the wall. After the impact, the Zikonyl® returns to its original shape and dimensions. In all our manufactured designs, we have considered ease of assembly and reduced installation time, resulting in a highly efficient model.

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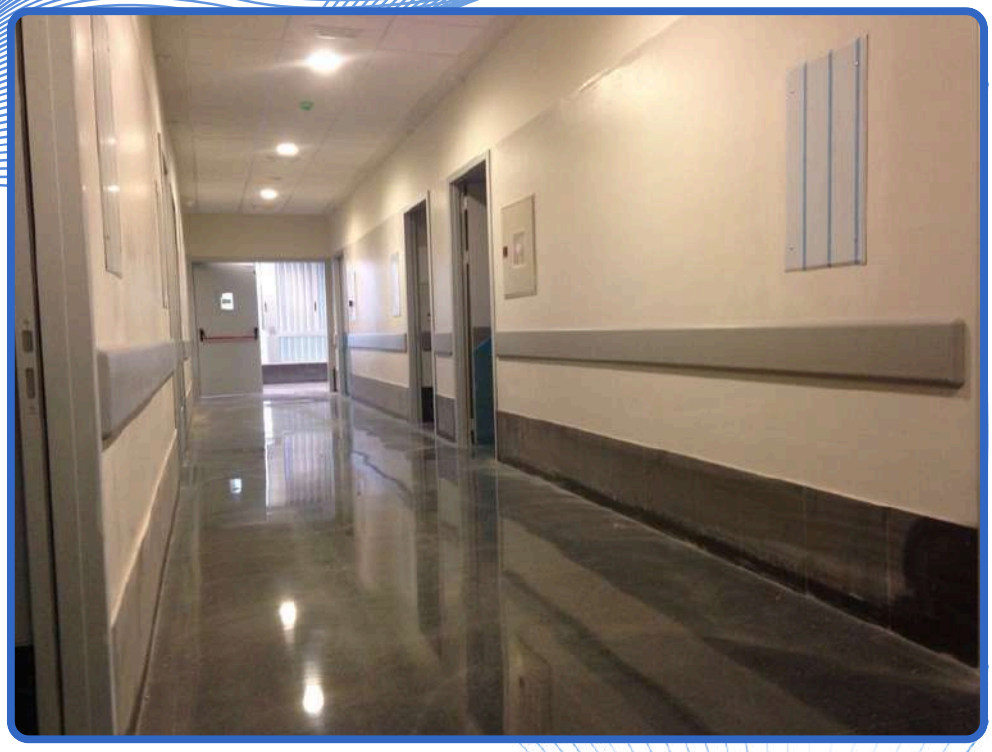
ZK-T

wall protector



The ZK-T is a wall protection system made of Zikonyl®, certified for **fire resistance Bs1d0**, and instead of aluminum, it features a continuous inner plastic profile running its entire length, allowing it to absorb the impacts that walls typically receive.

This model has been designed for use in nursing homes. For hospitals, we recommend the ZK-Z model, since a hospital bed with a patient can weigh up to 500 kg, while in a nursing home or center for people with intellectual disabilities, the objects being moved are wheelchairs weighing approximately 200 kg.

With a width of 200 mm, it can protect against objects located at different heights, absorbing the impact and subsequently returning to its original shape and dimensions.

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ZK-Y

wall protector

The ZK-Y is a wall protection system made of aluminum and Zikonyl®, and it has a **Bs1d0 fire rating.**

This model features a wavy plastic profile that gives it a distinctive finish compared to other models. Its 100mm width provides protection from objects at varying heights. Designed to absorb impact, the Zikonyl® never damages the wall; after impact, the Zikonyl® returns to its original shape and dimensions. In all our designs, we prioritize ease of assembly and reduced installation time, resulting in a highly efficient product.

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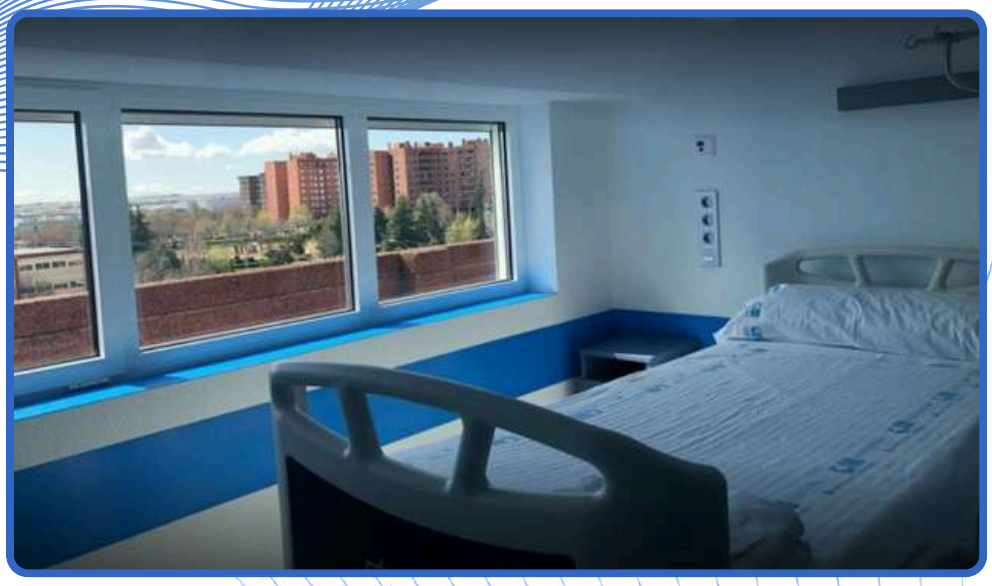
ZK-805

wall protector



Model	Width	Minimum order
ZK805	235 mm	-
ZK806	220 mm	300 ml
ZK807	150 mm	300 ml

The ZK805 is a wall protection system made entirely of Zikonyl® and has a **Bs1d0 fire rating.** We currently stock the ZK805 model with a width of 235mm. For the ZK806 (220mm wide) or ZK807 (150mm wide), the minimum order for these models is approximately 300ml, as they are not currently in stock.
This model is ideal for hospital rooms, hotel corridors, or areas prone to scratches but not impacts, as the absence of internal aluminum means the wall absorbs the impact.

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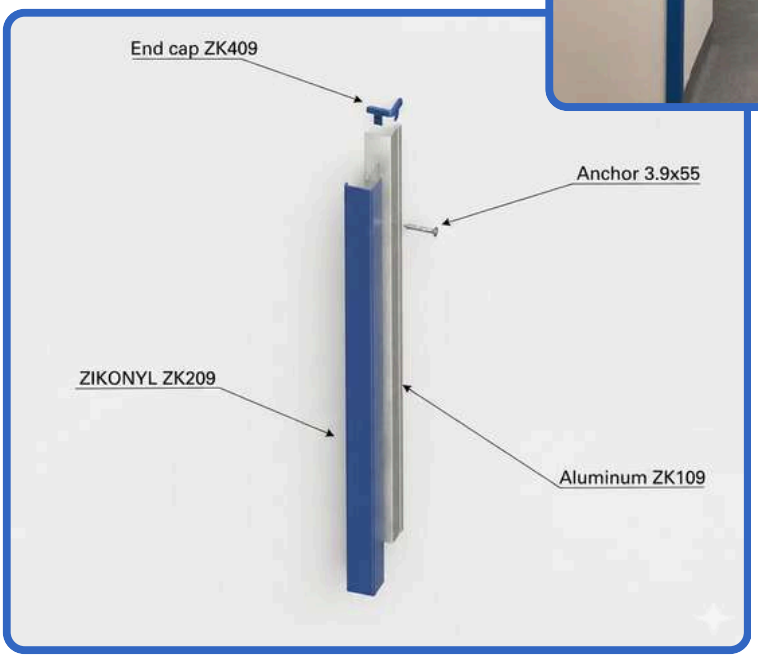
ZK-S

Cornerguard



The ZK-S is a corner piece made of aluminum and Zikonyl®, **certified for fire resistance B,S1,d0.** This model is designed for impact absorption. The aluminum is fixed to the wall using wall plugs and screws or neutral silicone. It is 50mm wide, and the Zikonyl® surface is textured, which helps to conceal any scratches.

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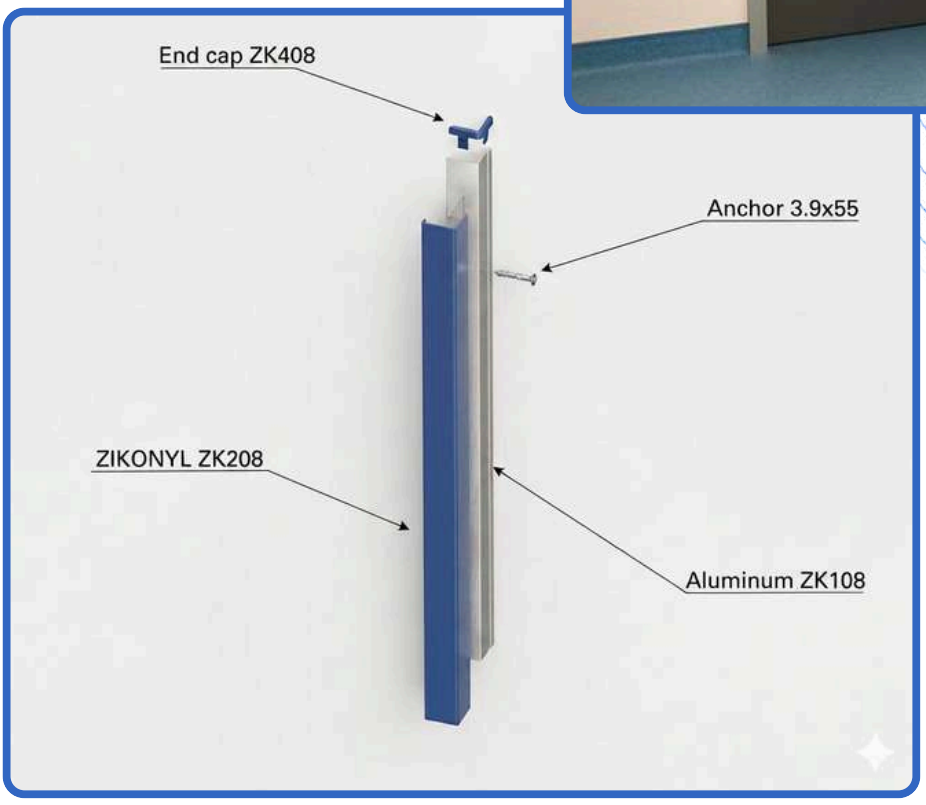
ZK-X

Cornerguard



The ZK-X model is a 75mm wide corner trim made of aluminum and Zikonyl®. It has **B,s1,d0 fire certification**, is designed for impact absorption, and its robust construction makes it a very sturdy piece. The aluminum is fixed to the wall using wall plugs and screws. The textured surface of the Zikonyl® material helps to conceal any scratches.

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ZK-F

Cornerguard

The ZK-F model is a 90° corner protector with a 50mm width.
It is made of Zikonyl® plastic, has Bs1d0 fire certification, and is designed for impact absorption.

The Zikonyl® is attached to the surface using neutral silicone. The visible side is textured, which helps to conceal any scratches.

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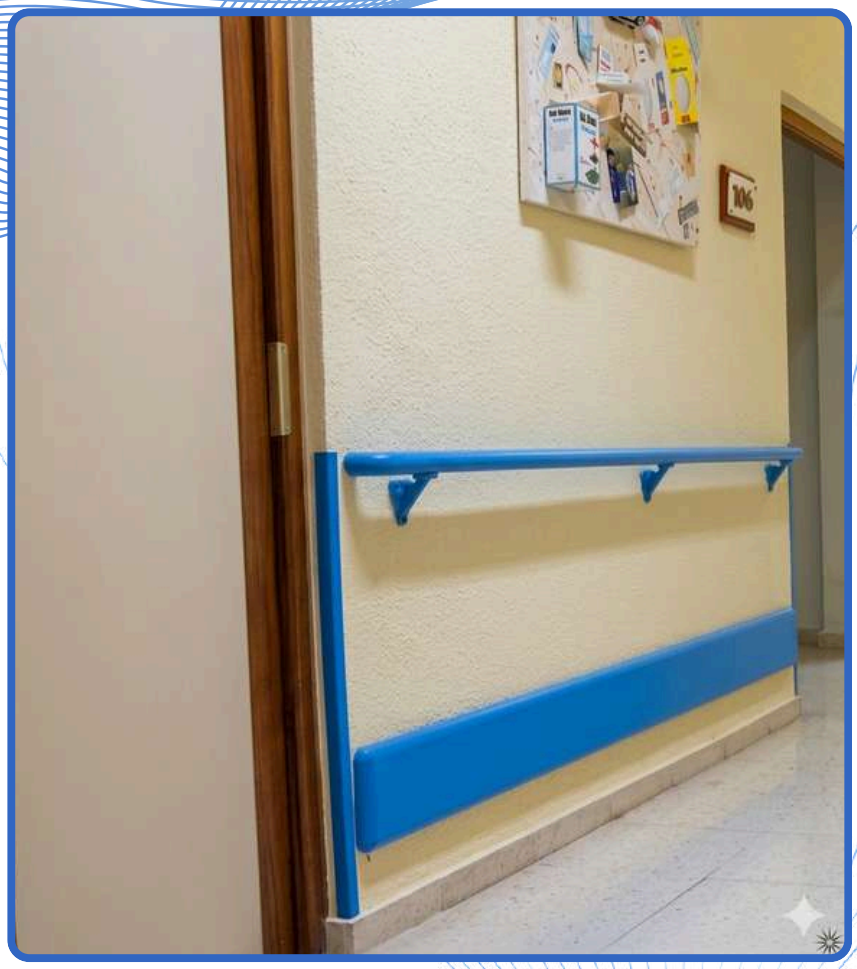
ZK-E

Cornerguard



The ZK-E model is a 90° corner protector, 3cm wide. Made of Zikonyl® plastic, it is fire-resistant (BS1d0) and designed for impact absorption. The Zikonyl® is attached to the surface using neutral silicone. The visible side is textured, which helps to conceal any scratches.

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ZK-R

Cornerguard

The ZK-R model is a unique design, as it's a variable-angle corner bead. It consists of two aluminum pieces and a Zikonyl® plastic profile, and it's certified for fire resistance (BS1d0).

It's designed for impact absorption. The aluminum pieces are fixed to the wall using wall plugs and screws. The Zikonyl® profile is clipped onto both aluminum pieces. The visible surface is textured, which helps to conceal any scratches.

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ZK-J

Cornerguard

The ZK-J Corner Bead is a 90° curved corner bead made of aluminum and Zikonyl®, and is fire-rated Bs1d0. It is designed to absorb impacts at corners.

The aluminum is fixed to the wall using wall plugs and screws. The textured surface of the Zikonyl® material helps to conceal any scratches.

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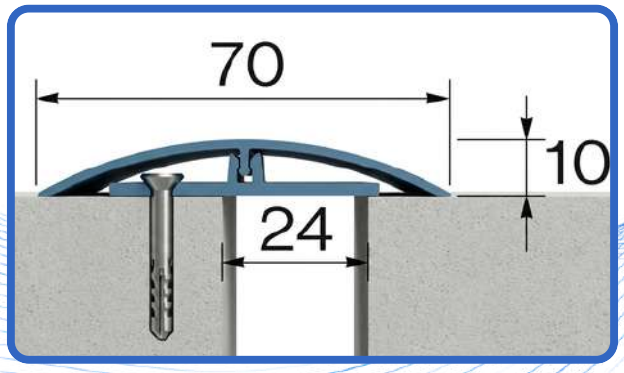
ZK-G

EXPANSION JOINT COVER

This expansion joint cover consists of two Zikonyl® profiles that are clipped one on top of the other. It has a Bs1d0 fire rating.

The base is fixed to the wall on only one side using neutral silicone or a fixing plug, and the textured visible face of the profile is clipped onto the base.

Below is a sketch of the ZK-G with measurements in millimeters:



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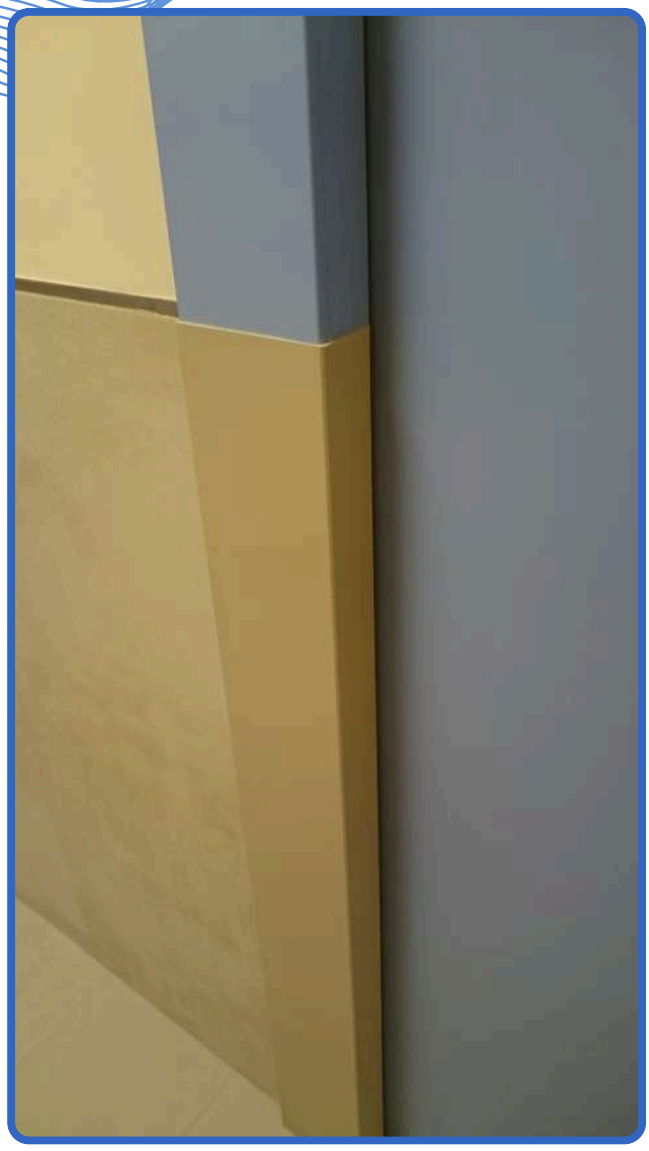
ZK801-T

Frame door protection



Custom-made door frames are very useful for covering and protecting door frames from impacts, or for concealing imperfections if they are already damaged.

Regarding the number of folds:

- The pieces can **be single-fold**, L-shaped, like standard corner guards.
- They can also be U-shaped, in which case they would have **two folds**.

The only limitations of thermoformed frames are two:

- The height cannot exceed 2050 millimeters.
- To create the fold, the flange must be at least 8 mm wide.

We can also produce corner guards in sizes other than the standard 3, 5, or 7.5 cm.

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Colors

In stock

1 BEIGE

2 GREEN

3 DARK GREY

4 YELLOW

5 ORANGE

6 WHITE

7 BLUE

8 PURPLE

9 BROWN

10 LIGHT GREY

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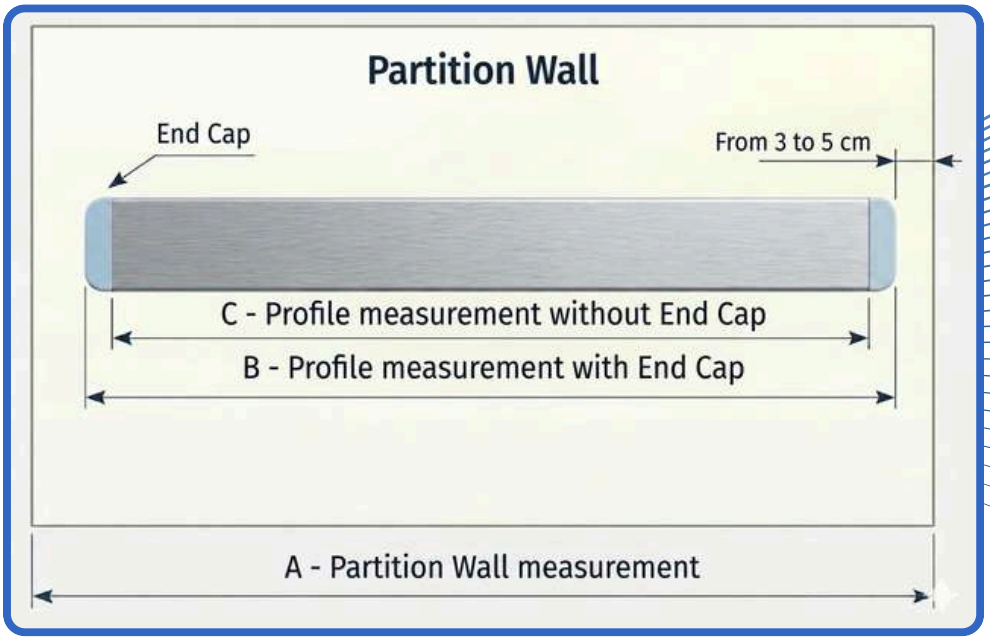
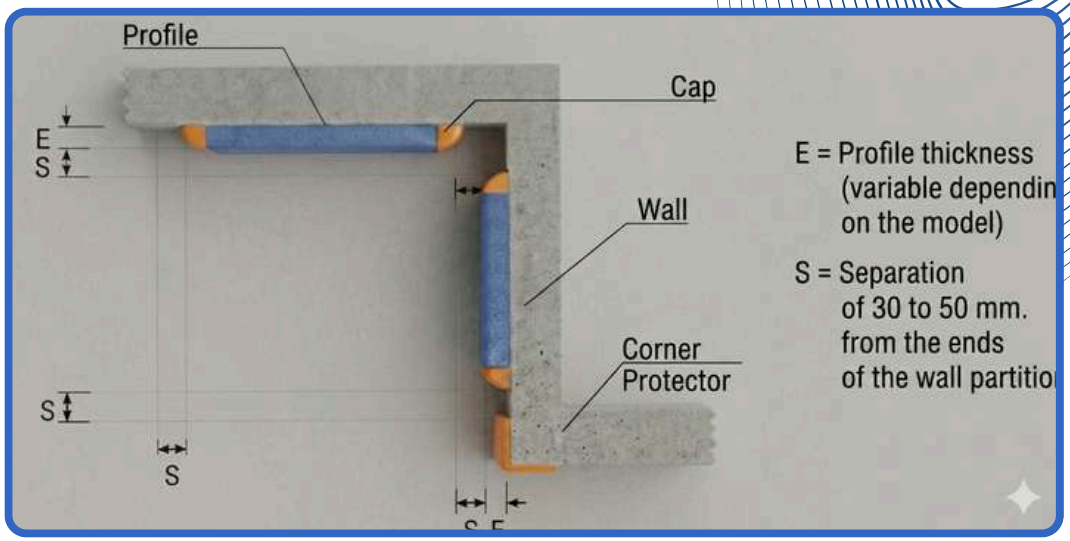
INSTRUCTIONS FOR TAKING MEASUREMENTS



This image shows how to estimate the required profile size relative to the wall. When placing an order, please provide us with measurement type B, as our computerized cutting process automatically calculates the dimensions.

This figure shows you how to take measurements to achieve a uniform aesthetic, as well as to protect the walls as much as possible.



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Reference projetcs

HUCA

Leon Hospital

Fraternidad Hospital

Lepe Hospital

Txagorritxu Hospital

Fuenlabrada Hospital

Soria Hospital

Melilla Hospital

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