

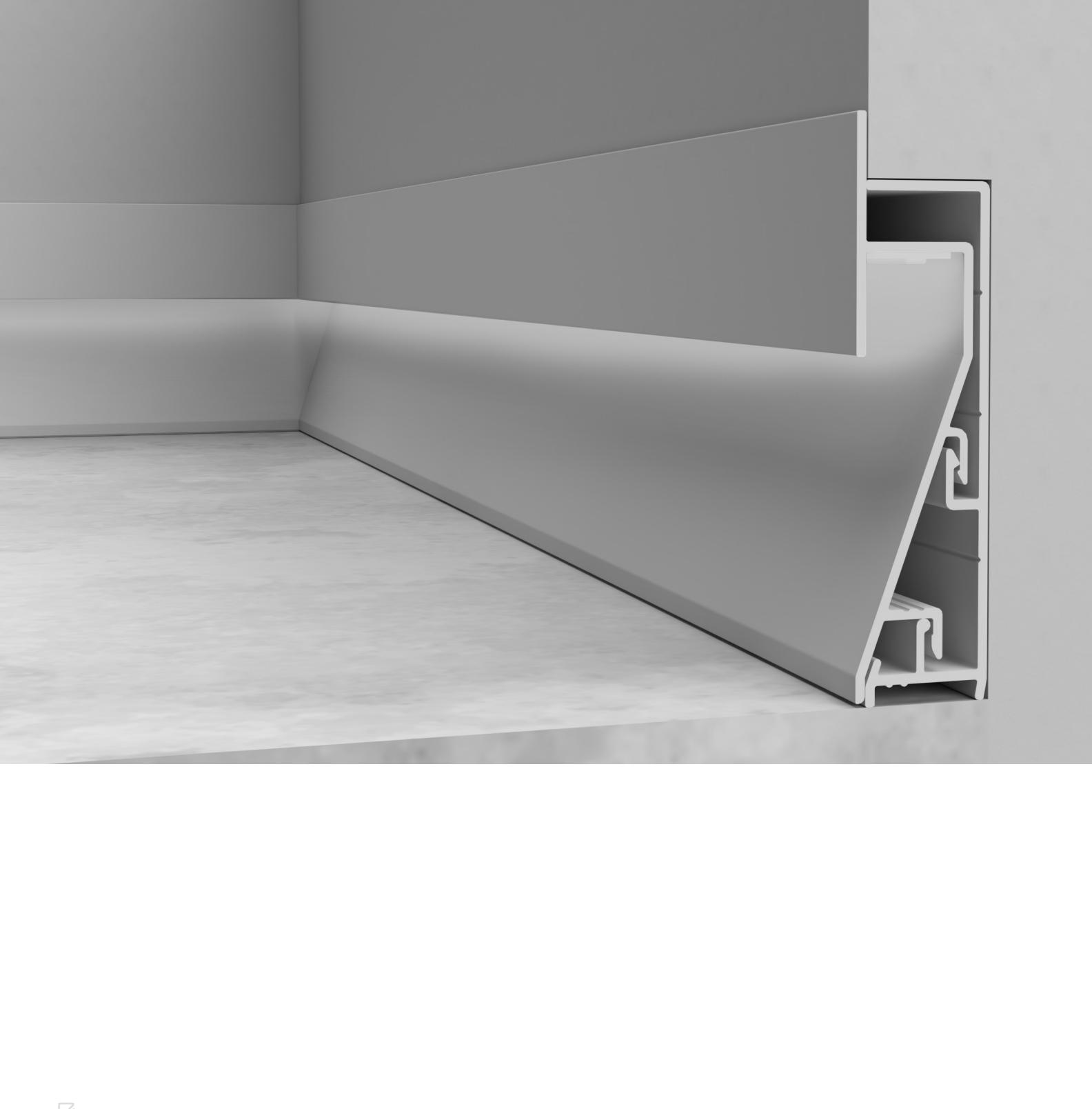
## N31 900

SISTEMAS DE  
INTERIORES

INTERIOR  
SYSTEM

 **navarra**  
a marca do alumínio

catálogo geral 2025  
general catalogue 2025



O sistema N31 900 é uma solução integrada para ambientes interiores, composta por rodapés e guardamacas.

Desenvolvido com foco na funcionalidade e no design, permite a integração de iluminação LED embutida nos rodapés, conferindo uma estética moderna e reforçando a segurança dos espaços.

É ideal para ambientes que exigem durabilidade, higiene e versatilidade, como moradias, hospitais, clínicas e edifícios públicos.

**Acabamentos disponíveis:** anodização, lacados e efeito madeira.

The N31 900 system is an integrated solution for interior environments, comprising skirting boards and wall protection rails.

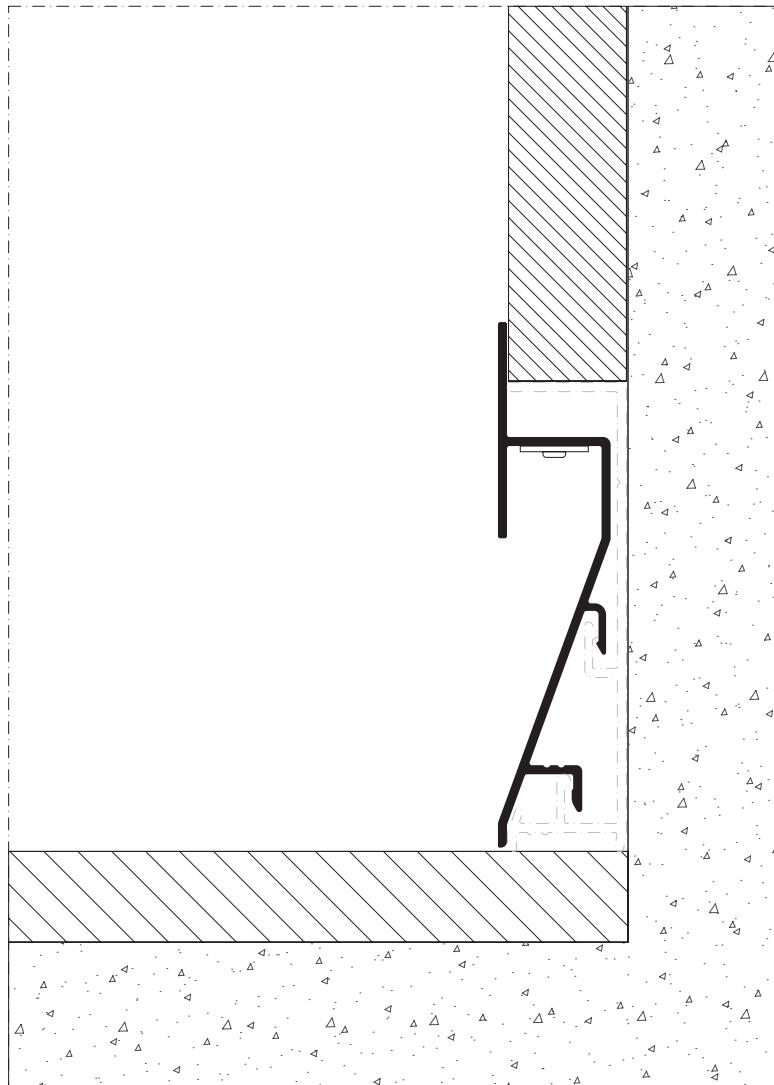
Designed with a focus on functionality and design, it allows the integration of built-in LED lighting within the skirting boards, providing a modern aesthetic and enhanced safety.

It is ideal for spaces that require durability, hygiene and versatility, such as residential buildings, hospitals, clinics and public buildings.

**Available finishes:** anodised, powder-coated and wood-effect finishes.

## PORMENOR 2D

### 2D DETAIL



[escala scale 1:1]

# N31 900

SISTEMA DE INTERIORES  
INTERIOR SYSTEM

PERFIS  
PROFILES

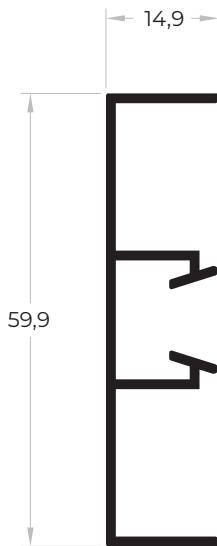
ref: [n31 918](#)

**momento de inércia:**

moment of inertia:

$$I_x = 5,636 \text{ cm}^4$$

$$I_y = 0,371 \text{ cm}^4$$



ref: [n31 918](#)

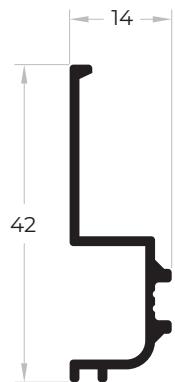
ref: [n31 920](#)

**momento de inércia:**

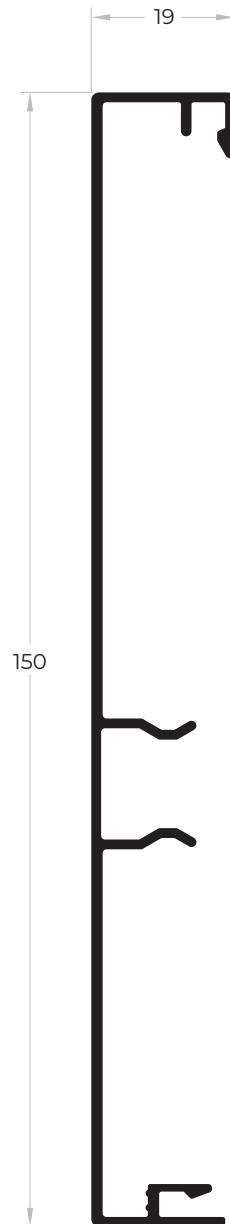
moment of inertia:

$$I_x = 1,371 \text{ cm}^4$$

$$I_y = 0,196 \text{ cm}^4$$



ref: [n31 920](#)



ref: **n31 925**

ref: **n31 925**  
**momento de inércia:**  
moment of inertia:  
 $I_x = 83,926 \text{ cm}^4$   
 $I_y = 0,948 \text{ cm}^4$

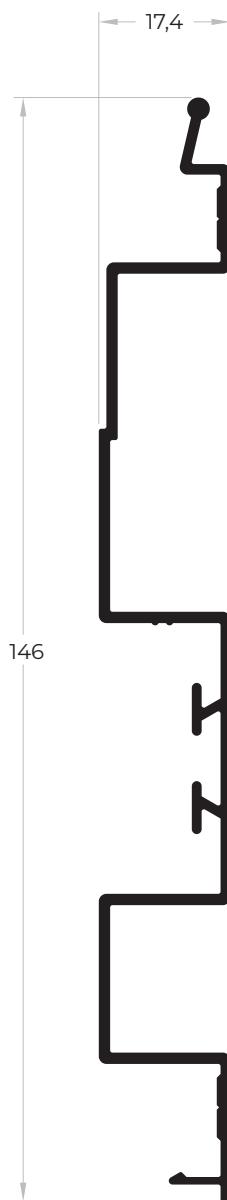
# N31 900

SISTEMA DE INTERIORES  
INTERIOR SYSTEM

PERFIL  
PROFILE

ref: [n31 926](#)

**momento de inércia:**  
moment of inertia:  
 $I_x = 60,534 \text{ cm}^4$   
 $I_y = 1,483 \text{ cm}^4$



ref: [n31 926](#)



montagem dos perfis  
profiles assembly  
n31 925 e n31 926

# N31 900

SISTEMA DE INTERIORES  
INTERIOR SYSTEM

PERFIS  
PROFILES

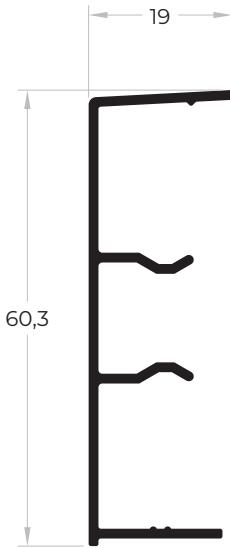
ref: [n31 927](#)

**momento de inércia:**

moment of inertia:

$I_x = 6,175 \text{ cm}^4$

$I_y = 0,423 \text{ cm}^4$



ref: [n31 927](#)

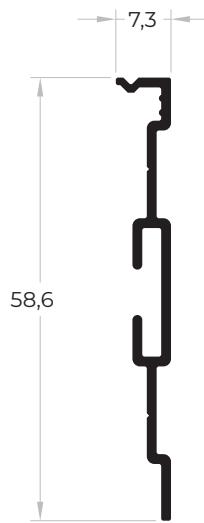
ref: [n31 928](#)

**momento de inércia:**

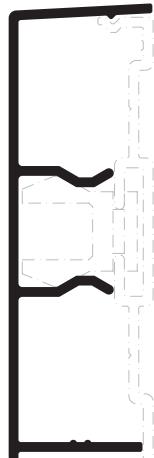
moment of inertia:

$I_x = 3,090 \text{ cm}^4$

$I_y = 0,0267 \text{ cm}^4$



ref: [n31 928](#)



montagem dos perfis  
profiles assembly  
n31 927 e n31 928

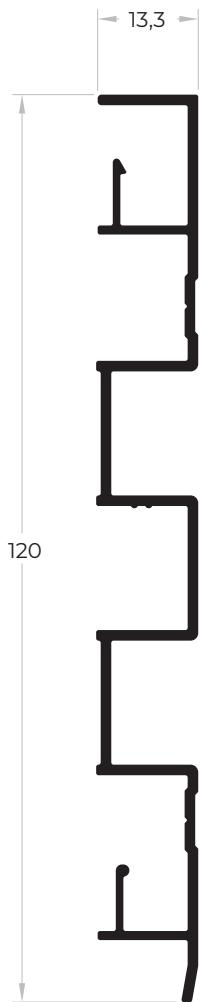
# N31 900

SISTEMA DE INTERIORES  
INTERIOR SYSTEM

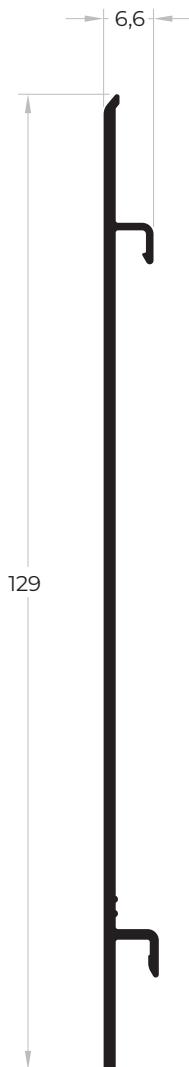
PERFIL  
PROFILE

ref: **n31 970**

**momento de inércia:**  
moment of inertia:  
 $I_x = 39,098 \text{ cm}^4$   
 $I_y = 0,704 \text{ cm}^4$



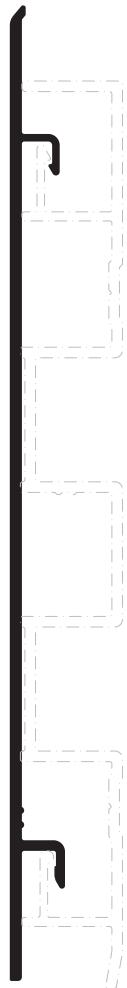
ref: **n31 970**

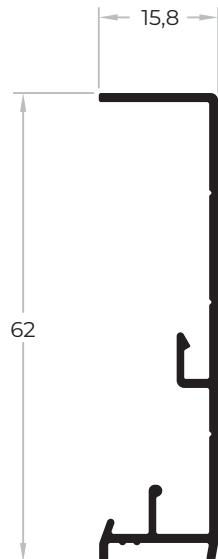


ref: **n31 971**

ref: **n31 971**  
**momento de inércia:**  
moment of inertia:  
 $I_x = 33,369 \text{ cm}^4$   
 $I_y = 0,050 \text{ cm}^4$

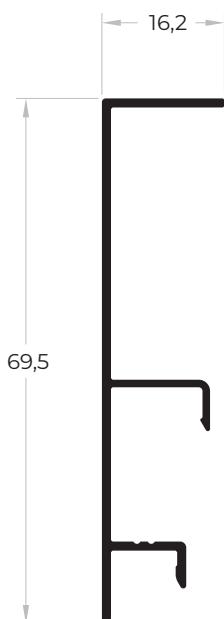
montagem dos perfis  
profiles assembly  
n31 971 e n31 970





ref: **n31 972**

ref: **n31 972**  
**momento de inércia:**  
moment of inertia:  
 $I_x = 6,114 \text{ cm}^4$   
 $I_y = 0,293 \text{ cm}^4$



ref: **n31 973**

ref: **n31 973**  
**momento de inércia:**  
moment of inertia:  
 $I_x = 6,598 \text{ cm}^4$   
 $I_y = 0,297 \text{ cm}^4$

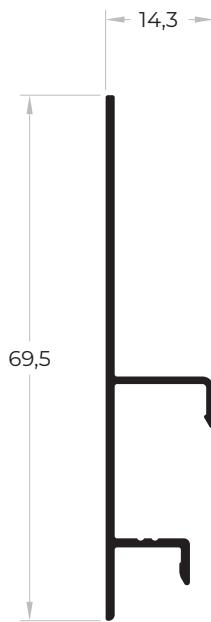
ref: **n31 974**

**momento de inércia:**

moment of inertia:

$$I_x = 4,287 \text{ cm}^4$$

$$I_y = 0,213 \text{ cm}^4$$



ref: **n31 974**

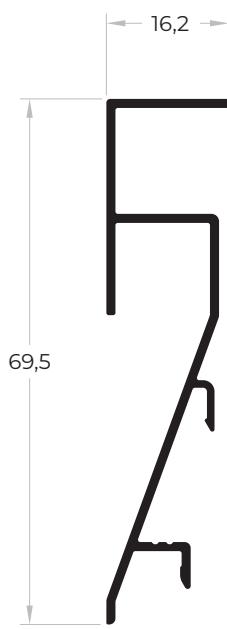
ref: **n31 975**

**momento de inércia:**

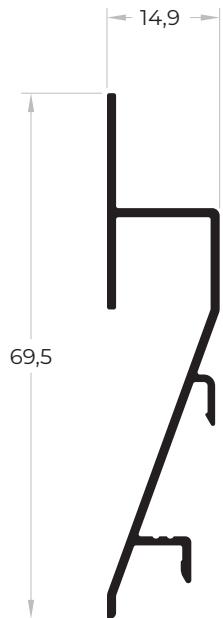
moment of inertia:

$$I_x = 7,038 \text{ cm}^4$$

$$I_y = 0,422 \text{ cm}^4$$



ref: **n31 975**



ref: **n31 976**

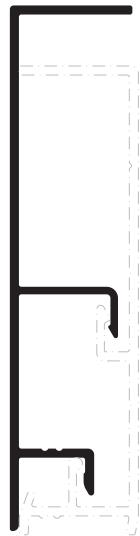
ref: **n31 976**  
**momento de inércia:**  
moment of inertia:  
 $I_x = 5,216 \text{ cm}^4$   
 $I_y = 0,383 \text{ cm}^4$

# N31 900

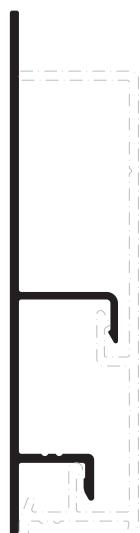
SISTEMA DE INTERIORES  
INTERIOR SYSTEM

MONTAGEM DE PERFIS  
PROFILES ASSEMBLIES

montagem dos perfis  
profiles assembly  
n31 973 e n31 972



montagem dos perfis  
profiles assembly  
n31 974 e n31 972

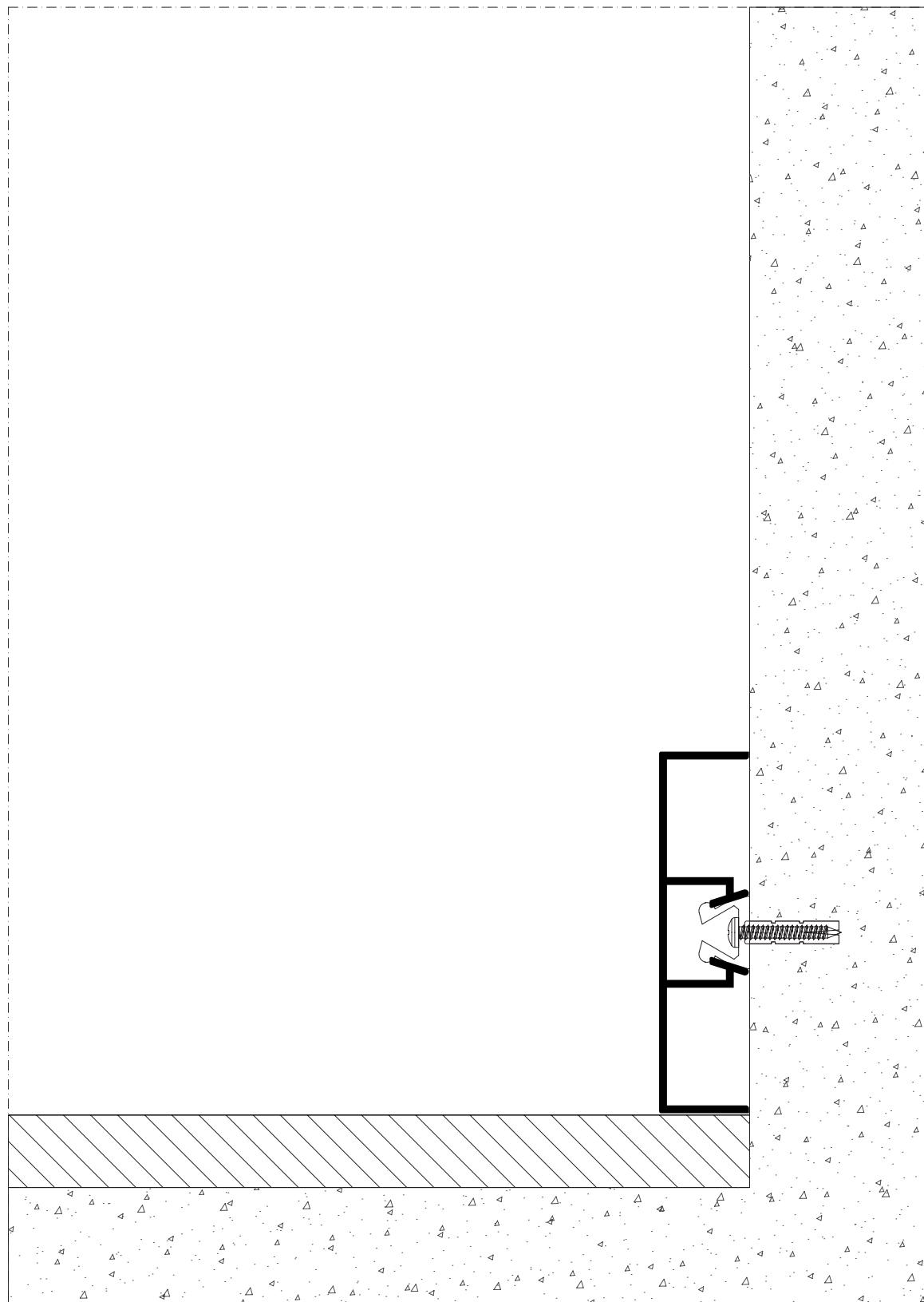


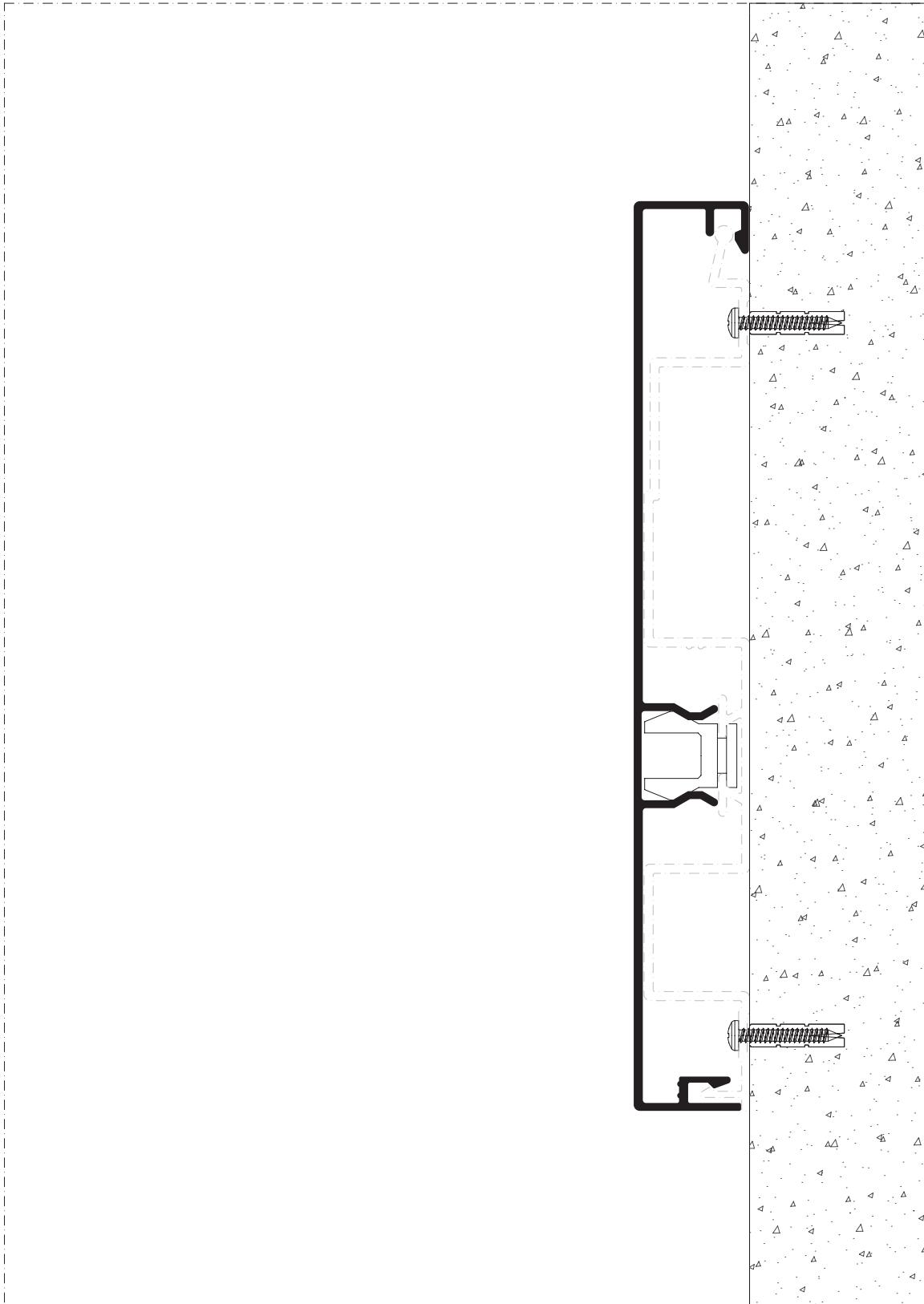


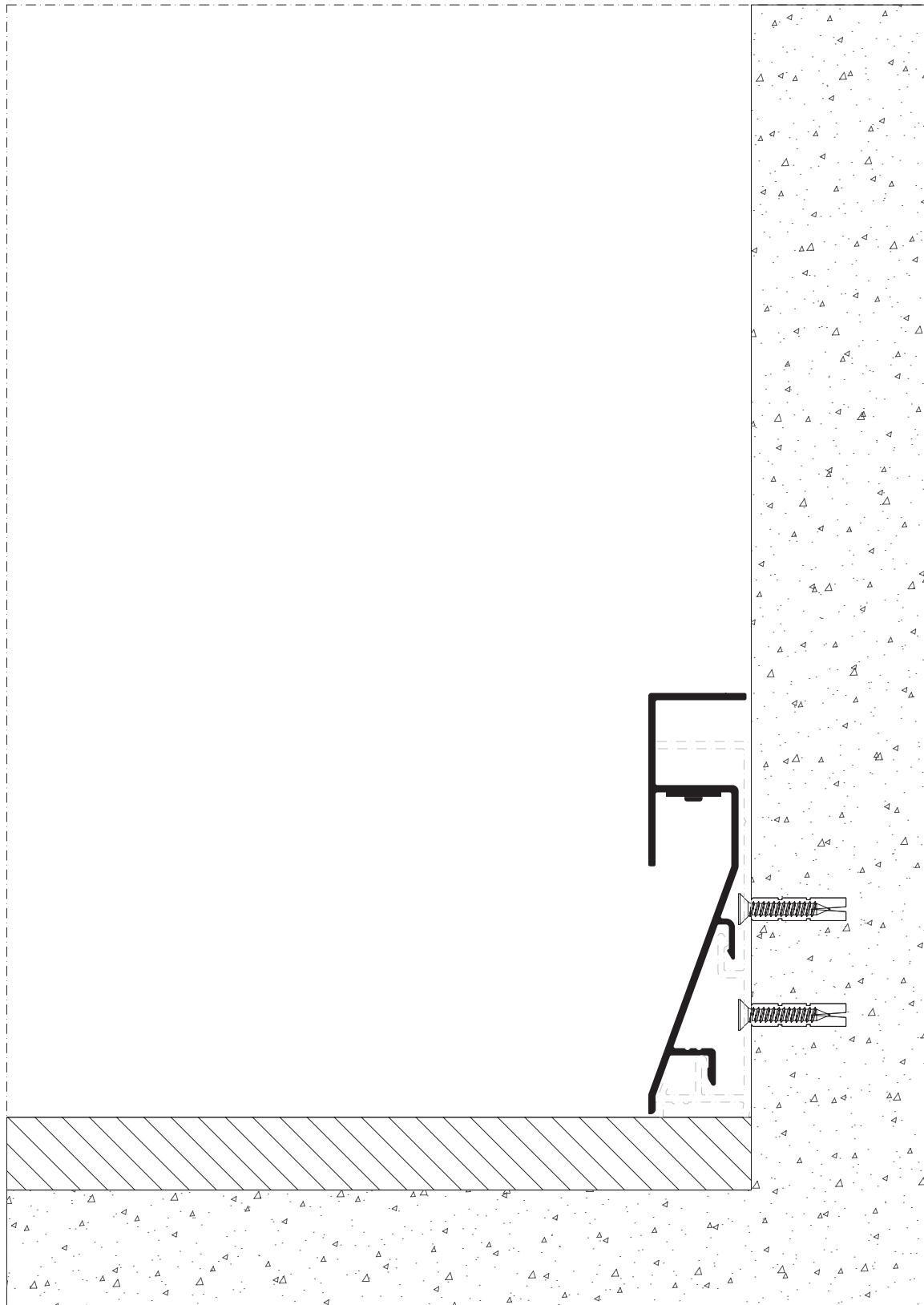
montagem dos perfis  
profiles assembly  
n31 975 e n31 972



montagem dos perfis  
profiles assembly  
n31 976 e n31 972





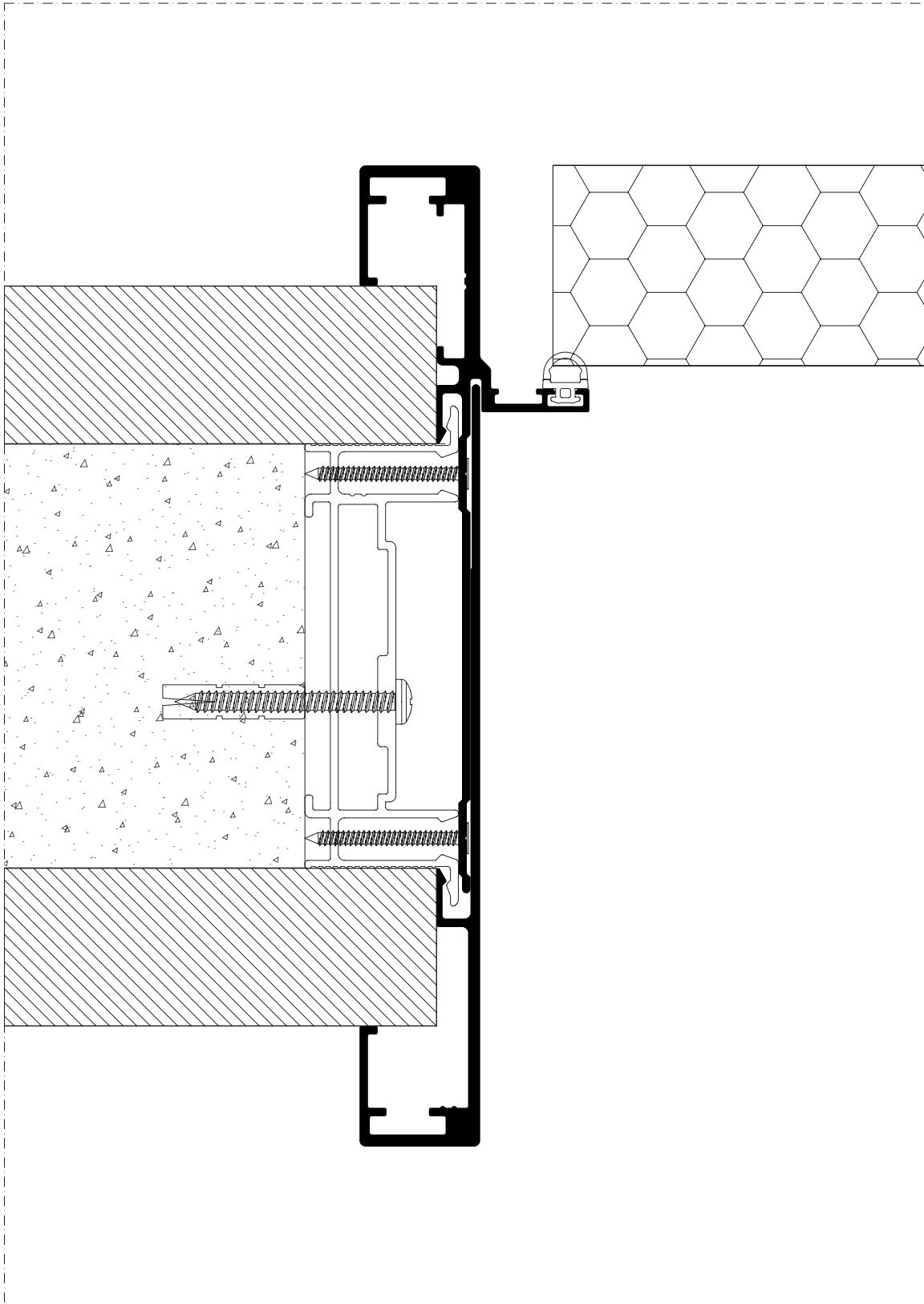






## PORMENOR 2D

2D DETAIL



# N31 900

SISTEMA DE INTERIORES  
INTERIOR SYSTEM

PERFIL  
PROFILE

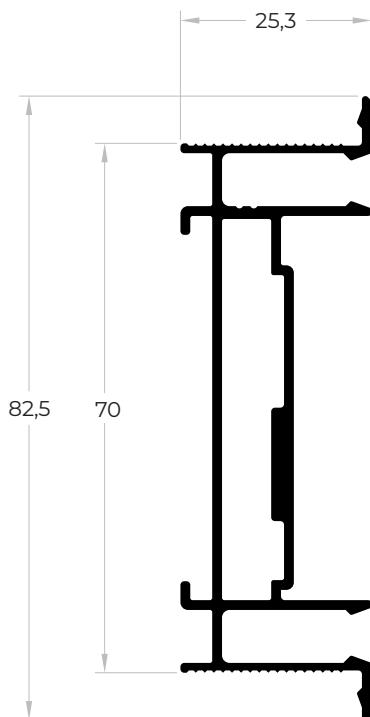
ref: [n31 921](#)

**momento de inércia:**

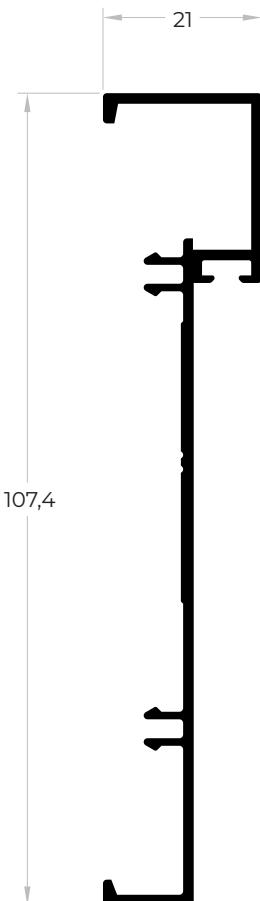
moment of inertia:

$I_x = 6,114 \text{ cm}^4$

$I_y = 0,293 \text{ cm}^4$



ref: [n31 921](#)



ref: **n31 922**

ref: **n31 922**  
**momento de inércia:**  
moment of inertia:  
 $I_x = 32,038 \text{ cm}^4$   
 $I_y = 0,594 \text{ cm}^4$

# N31 900

SISTEMA DE INTERIORES  
INTERIOR SYSTEM

PERFIL  
PROFILE

ref: [n31 923](#)

**momento de inércia:**

moment of inertia:

$$I_x = 39,785 \text{ cm}^4$$

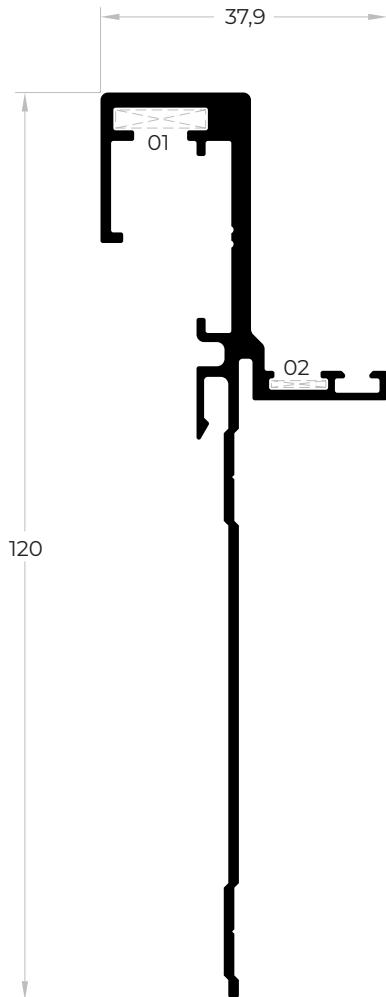
$$I_y = 1,805 \text{ cm}^4$$

**esquadros:**

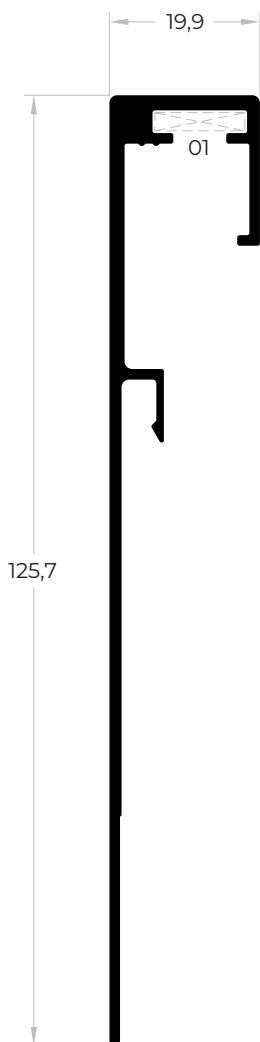
corner cleats:

01 - ESQ.0089

02 - ESQ.0036



ref: [n31 923](#)

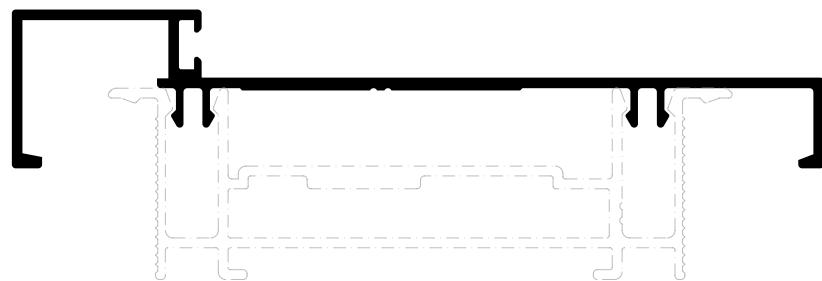


ref: **n31 924**

ref: **n31 924**  
**momento de inércia:**  
moment of inertia:  
 $I_x = 45,317 \text{ cm}^4$   
 $I_y = 1,199 \text{ cm}^4$

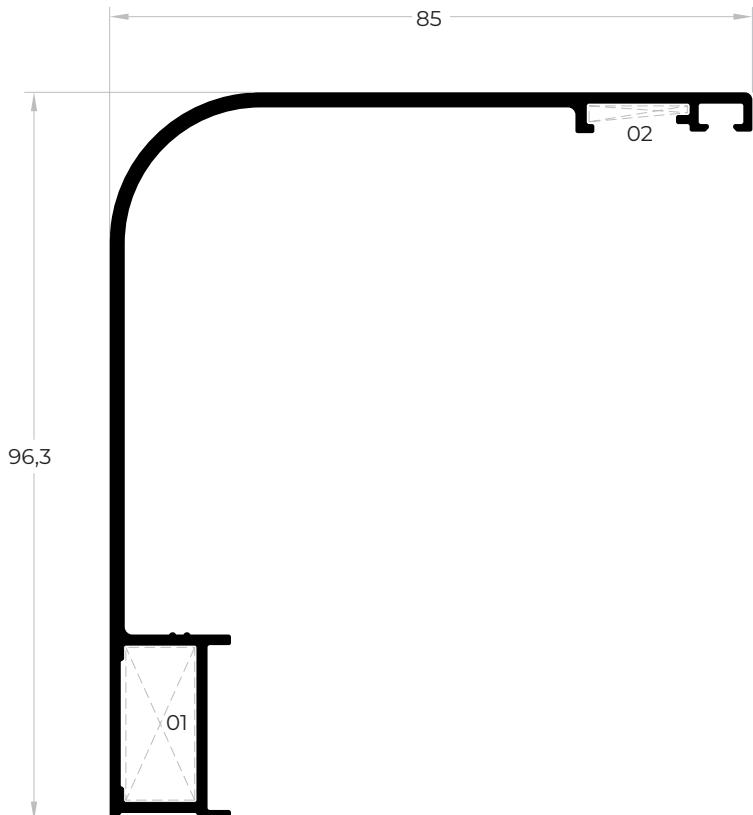
**esquadros:**  
corner cleats:  
01 - ESQ.0089

montagem dos perfis  
profiles assembly  
n31 921 e n31 922



montagem dos perfis  
profiles assembly  
n31 921, n31 923 e n31 924





ref: **n31 931**  
**momento de inércia:**  
moment of inertia:  
 $I_x = 45,317 \text{ cm}^4$   
 $I_y = 1,199 \text{ cm}^4$

**esquadros:**  
corner cleats:  
01 - ESQ.0102  
02 - ESQ.0060

ref: **n31 931**

ref: [n31 932](#)

**momento de inércia:**

moment of inertia:

$$I_x = 38,888 \text{ cm}^4$$

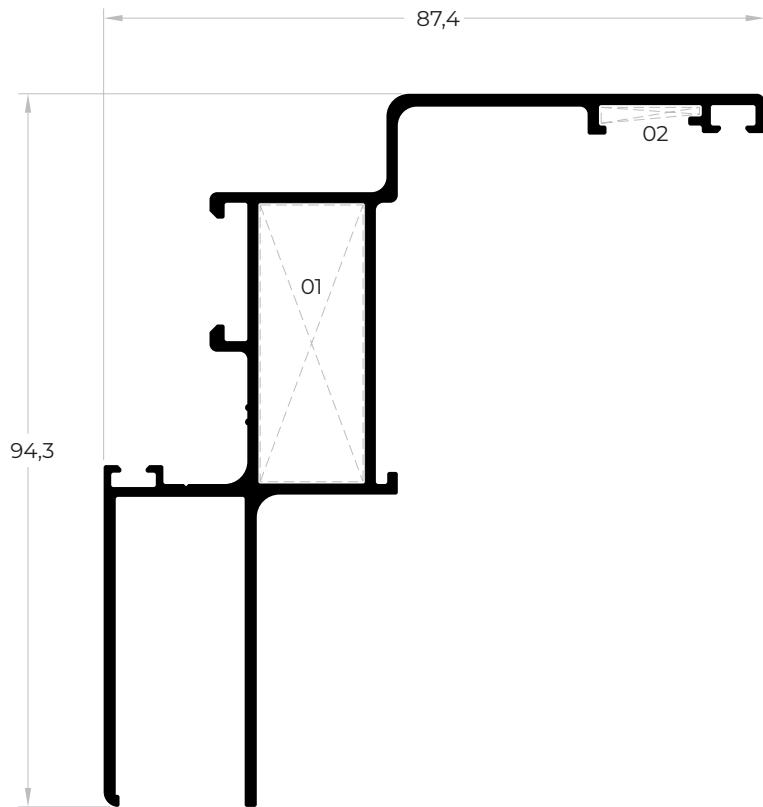
$$I_y = 23,820 \text{ cm}^4$$

**esquadros:**

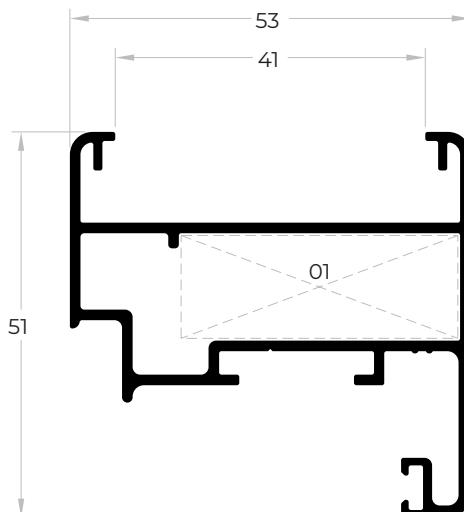
corner cleats:

01 - ESQ.0003

02 - ESQ.0060



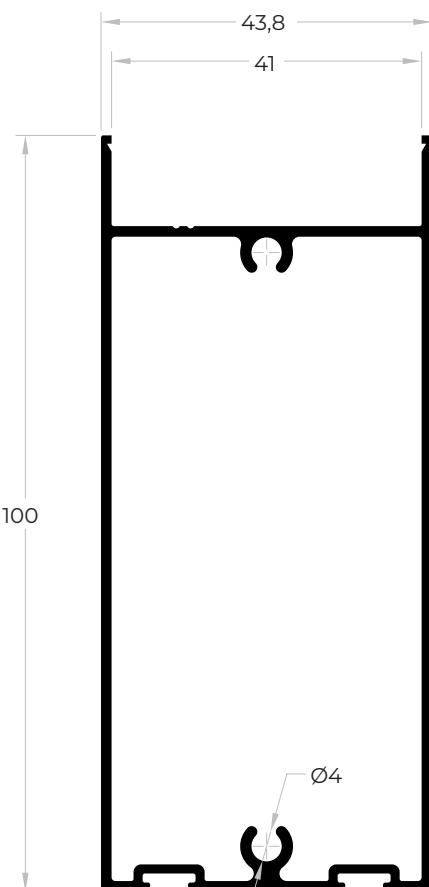
ref: [n31 932](#)



ref: **n31 933**

ref: **n31 933**  
**momento de inércia:**  
moment of inertia:  
 $I_x = 5,761 \text{ cm}^4$   
 $I_y = 12,633 \text{ cm}^4$

**esquadros:**  
corner cleats:  
01 - ESQ.0003



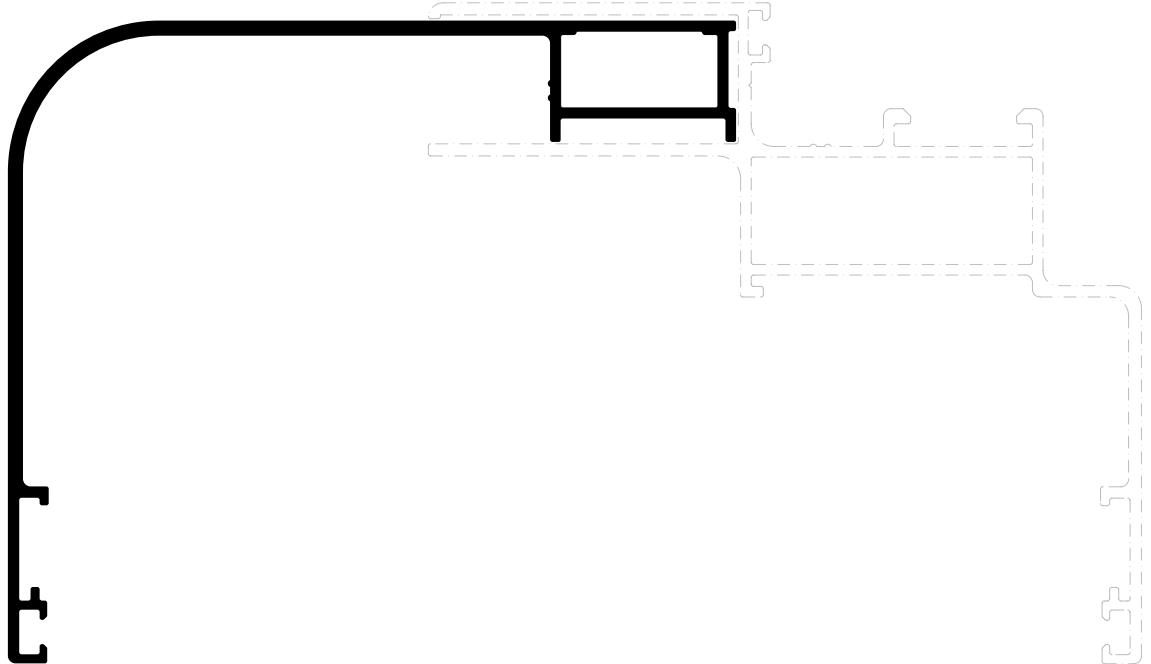
ref: **n31 934**

ref: **n31 934**  
**momento de inércia:**  
moment of inertia:  
 $I_x = 53,920 \text{ cm}^4$   
 $I_y = 14,406 \text{ cm}^4$

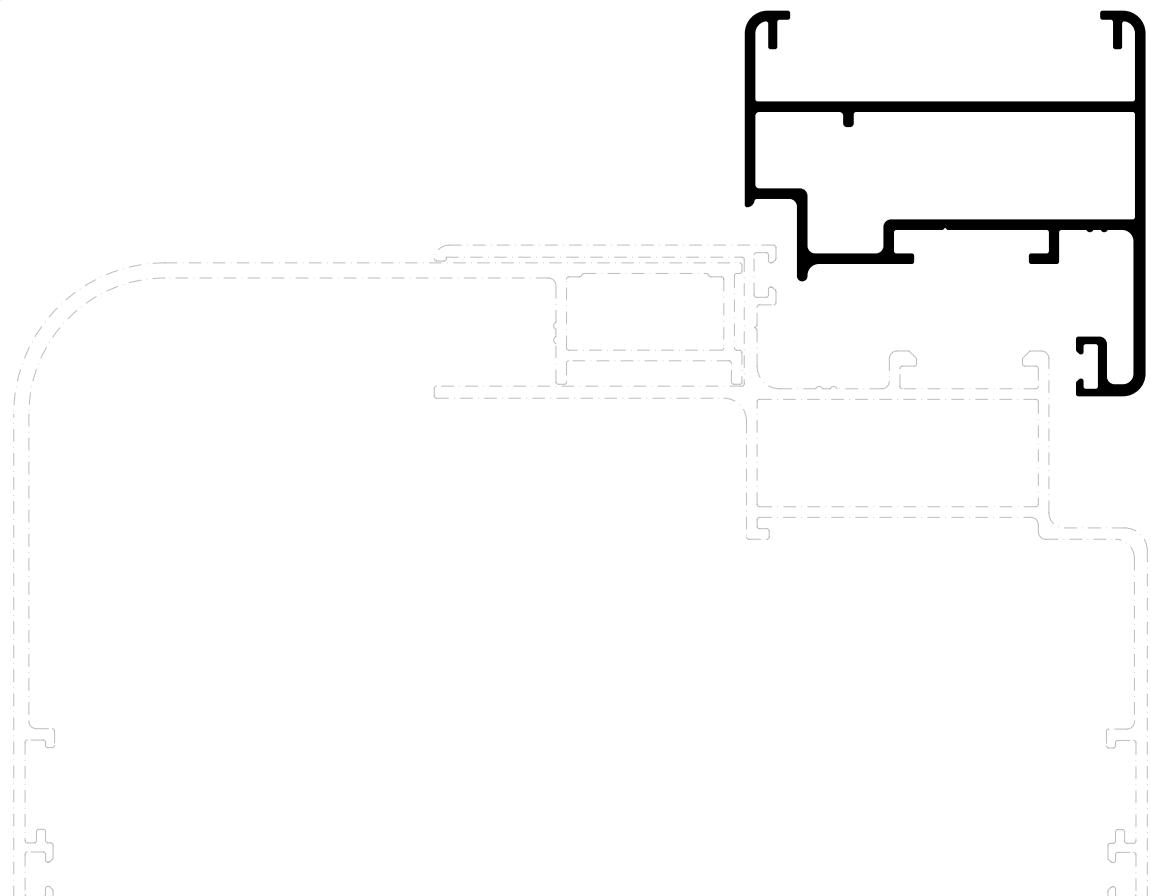
# N31 900

SISTEMA DE INTERIORES  
INTERIOR SYSTEM

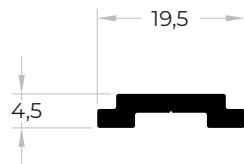
MONTAGEM DE PERFIS  
PROFILES ASSEMBLIES



montagem dos perfis  
profiles assembly  
n31 931 e n31 932

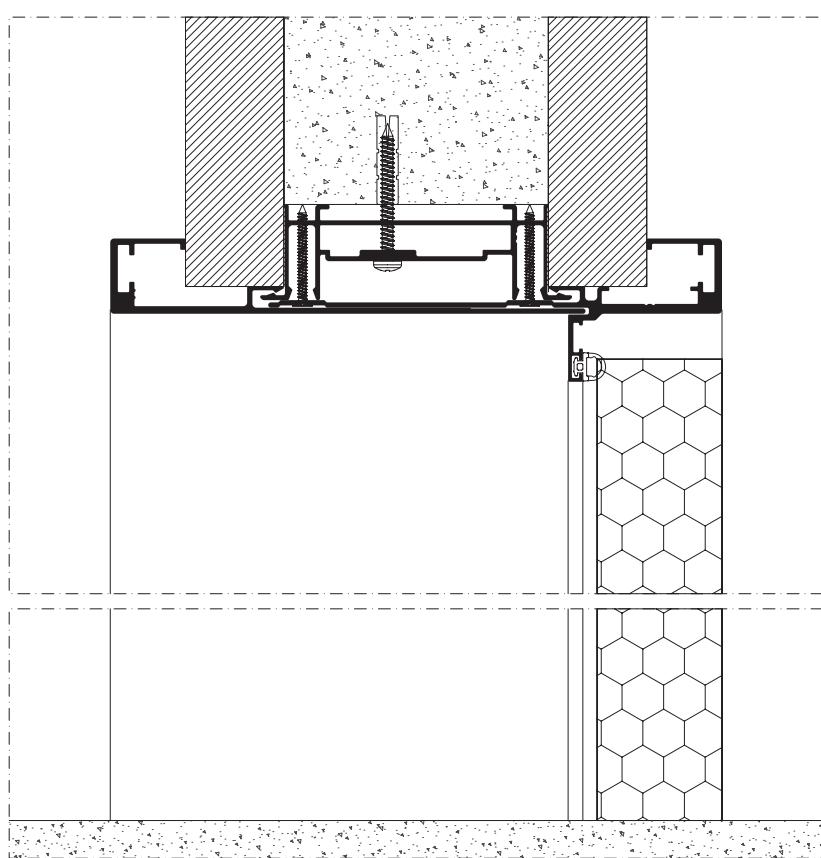


montagem dos perfis  
profiles assembly  
n31 931, n31 932 e n31 933

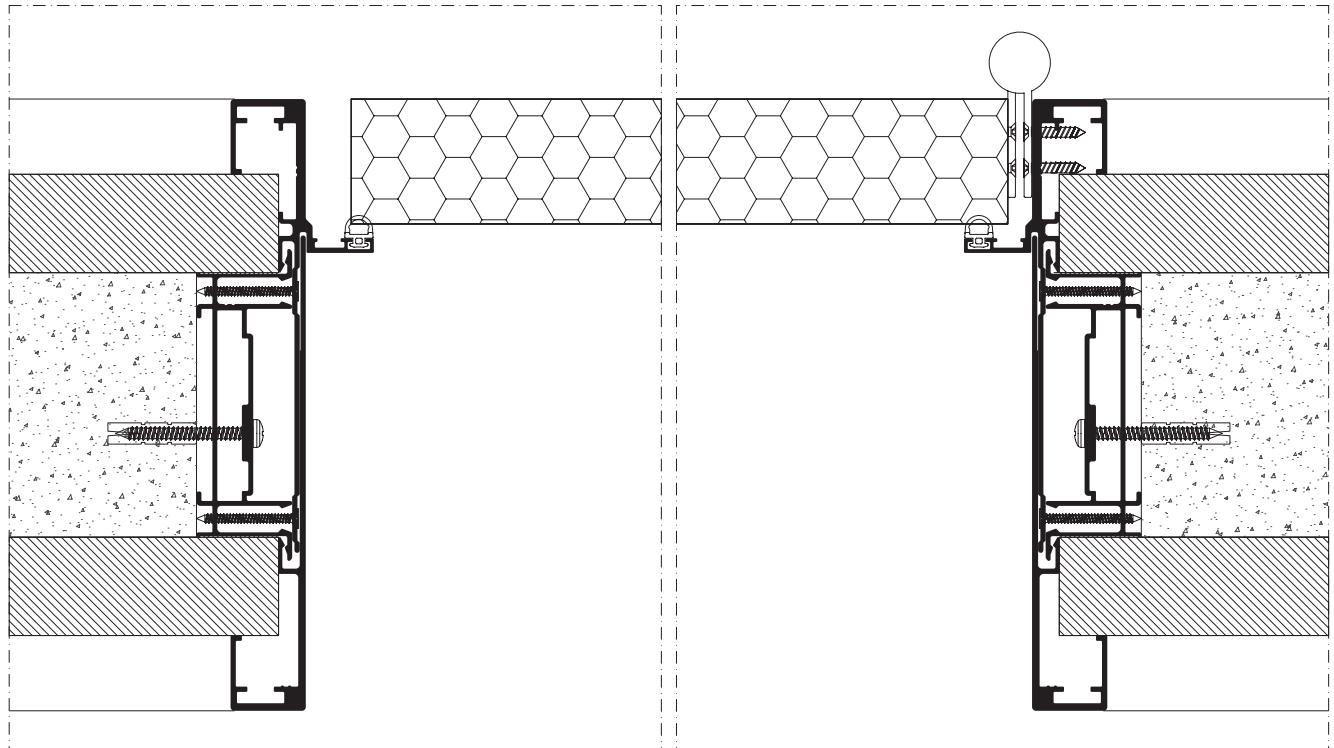
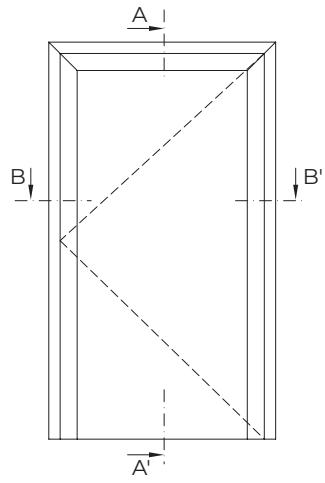


ref: **n12 094**

ref: **n12 094**  
**momento de inércia:**  
moment of inertia:  
 $I_x = 0,008 \text{ cm}^4$   
 $I_y = 0,184 \text{ cm}^4$



Corte A-A'  
Section A-A'



Corte B-B'  
Section B-B'

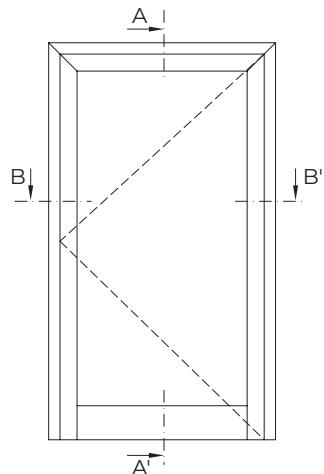
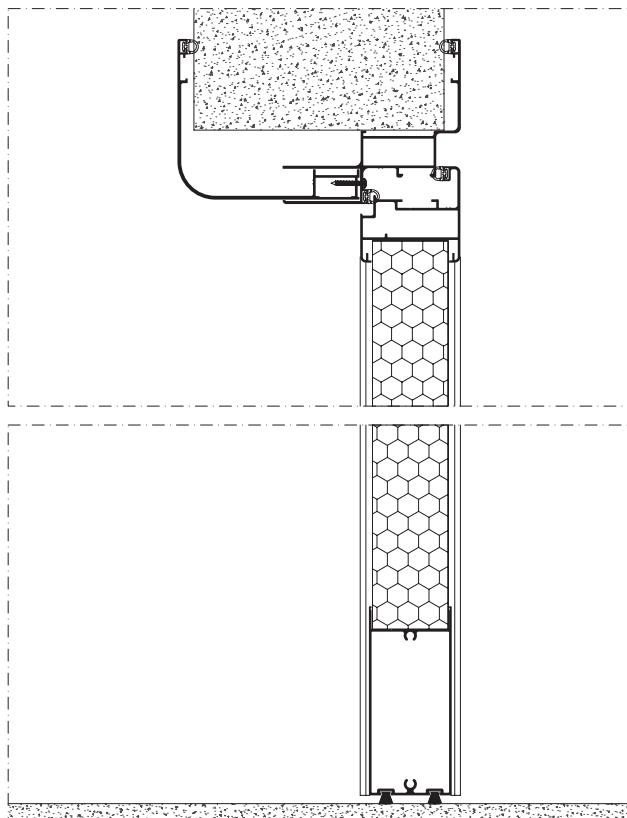
[escala scale 1:2]

**PORMENOR N31 921, N31 922, N31 923 E N31 934 - PORTA BATENTE 1 FOLHA**

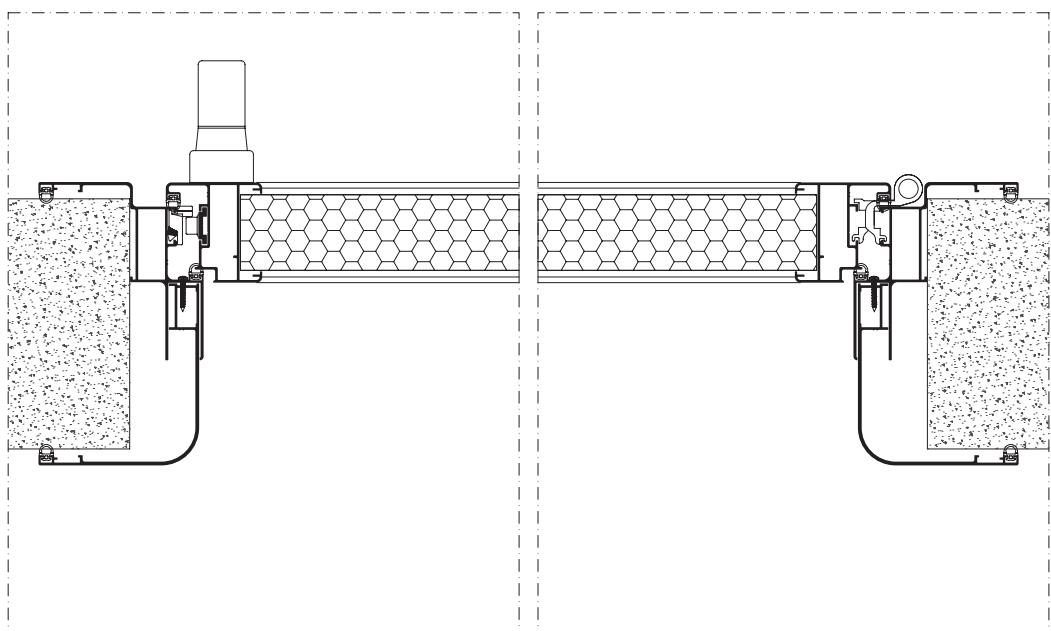
DETAIL N31 921, N31 922, N31 923 AND N31 934 - CASEMENTE DOOR 1 SASH

**N31 900**

SISTEMA DE INTERIORES  
INTERIOR SYSTEM



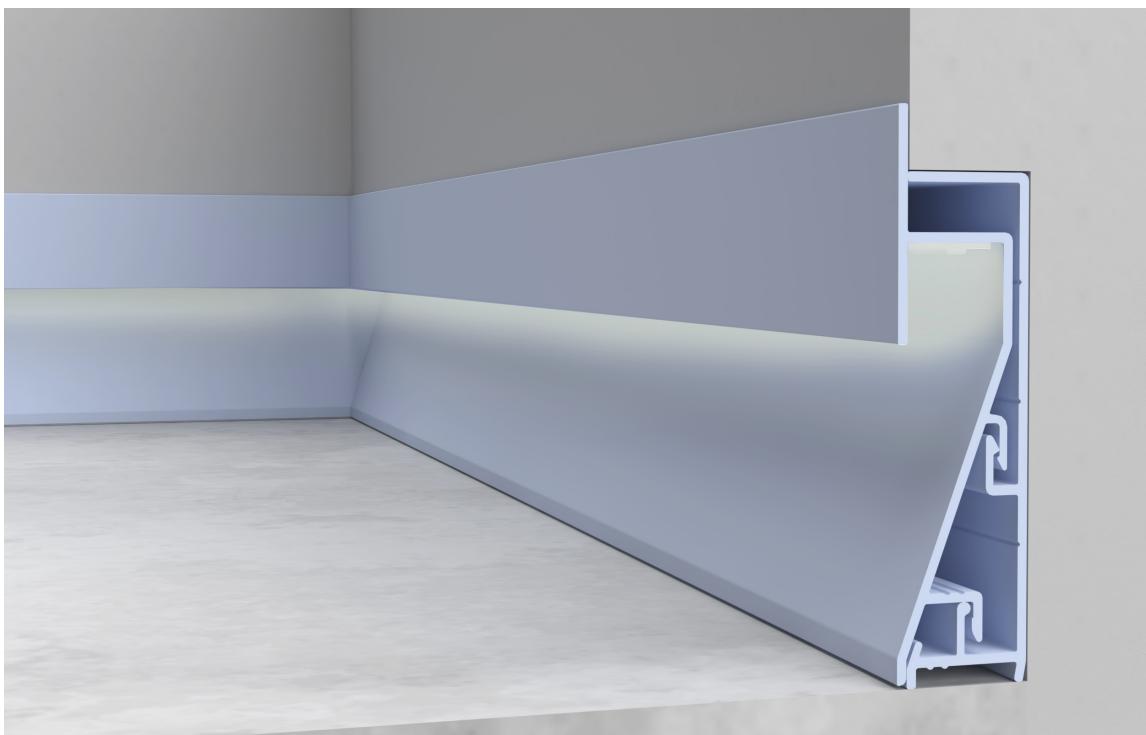
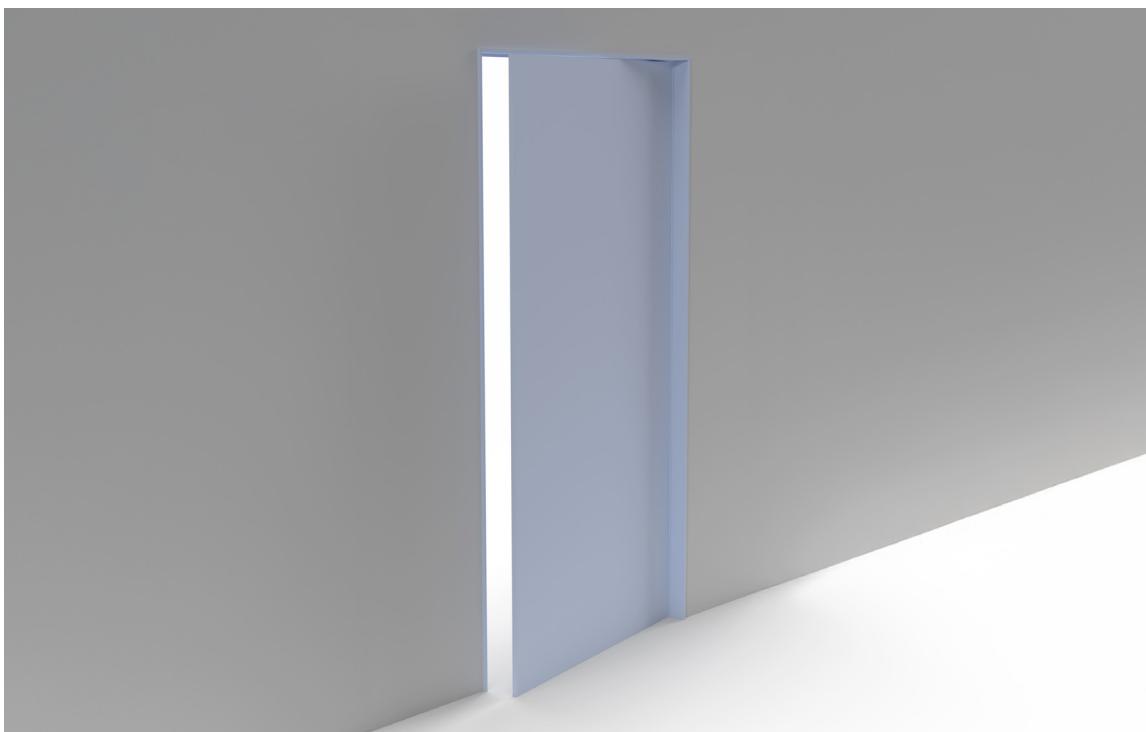
Corte A-A'  
Section A-A'



Corte B-B'  
Section B-B'

[escala 1:4]





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the aluminium colour

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**SHOWROOM BRAGA | BRAGA SHOWROOM**  
Navarra - Extrusão de Alumínio, S.A.  
Avenida Doutor Domingos Soares, nº 18  
4710-670 Braga

**COORDENADAS GPS | GPS COORDINATES**  
41° 36' 10.582" N  
8° 22' 52.554" W

**ENDEREÇO POSTAL | POSTCODE**  
Navarra - Extrusão de Alumínio, S.A.  
Apartado 2476  
4701-971 BRAGA

t. + 351 253 603 520  
f. + 351 253 677 005  
geral@navarraaluminio.com  
comercial@navarraaluminio.com  
export@navarraaluminium.com

**SHOWROOM LISBOA | LISBON SHOWROOM**  
Parque das Nações  
Alameda dos Oceanos  
Edifício Mar do Oriente, n.º63 fração 0.1  
1900-137 Lisboa

t. + 351 218 965 032  
showroomlisboa@navarraaluminio.com

**COORDENADAS GPS | GPS LOCATION**  
38° 46' 17.4" N  
9° 05' 44.4" W