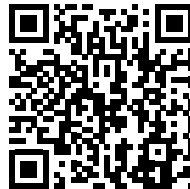
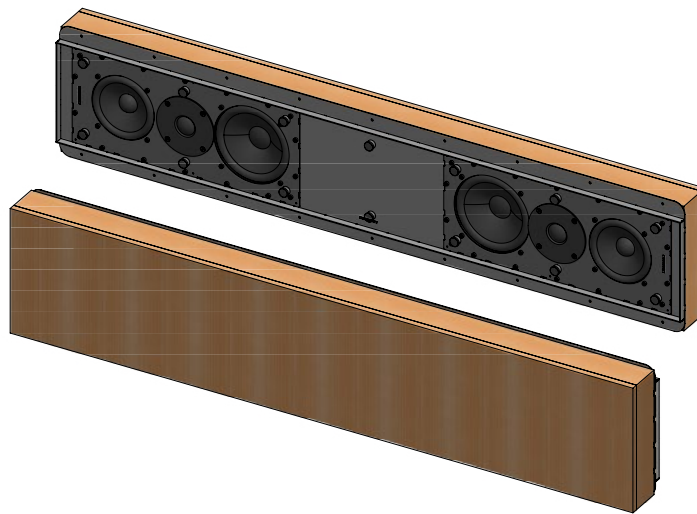




ARIA™ COLLECTION



**SCAN OR CLICK TO EXTEND  
YOUR GARVAN WARRANTY FOR FREE!**

3 years included, with the option to add  
2 extra years at no additional cost.

## OVERVIEW DESCRIPTION – UNIQUE DESCRIPTION PRODUCT

KR2316 is a compact in-wall soundbar with dedicated closed back box, designed to deliver a clear and balanced L+R front soundstage in a fully architectural solution. Thanks to its controlled enclosure and high-efficiency transducers, it ensures excellent intelligibility, solid dynamics and uniform sound dispersion, even in acoustically demanding environments. Ideal for residential and professional applications where performance and discreet integration are required, KR2316 combines clarity, reliability and architectural precision, disappearing into the wall while delivering a refined and coherent listening experience. Designed and manufactured in Italy, it reflects Garvan Acoustic's focus on sound quality, control and integration.

## KEY FEATURES

L+R in-wall soundbar configuration  
Integrated stereo front soundstage with clear and precise imaging.

Closed-box design with dedicated formwork  
Controlled and predictable acoustic performance.

Balanced and dynamic sound reproduction  
Suitable for residential and professional environments.

Wide sound dispersion  
Uniform coverage across the listening area.

High dialogue intelligibility  
Clear and natural speech reproduction.

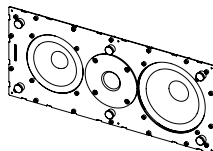
No mandatory external EQ  
Optional Garvan preset EQ, filters and protection available.

Flush architectural integration  
Designed for in-wall installation in concrete and similar structures.

Premium materials and finishes

Made in Italy

Warranty up to 5 years



INSTALLATION NAME	L+R = KR316	
Installation Type	In Wall / In Ceiling Speaker, Closed box	
Surface Compatibility	Suitable for installation in Concrete Wall and similar.	
Installation Requirements	Minimum required wall thickness: 90mm	
SINGLE LOUDSPEAKER PERFORMANCE		
AES Power Handling	80 W	
Continuous Power Handling ***	160 W	
Sensitivity 2,83V / 1m ****	87,5 dB	
Sensitivity 1W/1m ****	87,5 dB	
Calculated Maximum SPL @ 1m*	118,5 dB	
TRANSDUCER		
Type	2 Way	
Nominal size	WF 130 mm + TW 25mm + RP 160mm	
Nominal Impedance	8Ω	
Loudspeaker EQ	Not required, Garvan Preset EQ, Filter and protection available	
Recommended High-Pass Filter Protection	40 Hz with 48 dB/Oct. Hight pass Filter	
Frequency Response (-3 dB)	60 Hz – 20 kHz **	
Frequency Range (-10 dB)	48 Hz - 20 kHz **	
Nominal Coverage Angle (1 KHz - 4 kHz)	> 120°	
Nominal Coverage (1 KHz – 10 kHz)	120	
PHYSICAL		
Frame Material	"zinc-plated metal + phenolic multilayer wood"	
Speaker support Material	Lacquered or galvanic metal support	
Cover	Lacquered or galvanic metal Grille/ Fabric covered frame.	Brushed stainlenss steel Grille /
ENVIRONMENTAL FEATURES		
Enviropment of Use	Indoor environments	
Operating Temperature Range *****		
environmental protection.		
Connectors	Push connector, mounted on crossover and on speaker coax. Accepts 18 AWG (0.8 mm2) to 11 AWG (4,17 mm2) size wire.	
Maximum Ceiling Thickness		
Product Dimensions		
Ceiling Cutout		
Net Weight, Frame		
Net Weight, Loudspeaker		
Net Weight, Cover		

LOGISTICAL DATA			
Packaging dimensions			
Shipping Weight			
Quantity of products per package		1 to 2 based on logistics optimization per shipment	
MAINTENANCE			
Cleaning Method		microfiber cloth	
General precautions		do not use harsh cleaning products	
INCLUDED ACCESSORIES			
		Jig set	
OPTIONAL ACCESSORIES			
Transformer for hight line voltage			
Transformer for hight line voltage			
Cover installation kit			
Sound-absorbing material kit for installation			
Cable size/load	8 ohm	4 ohm	2 ohm
2 sq mm.	20m / 65ft.	10m / 32ft	5m / 16ft
2,5 sq mm.	30m / 100ft.	15m / 50ft	7,5m / 25ft
4 sq mm.	60m / 200ft.	30m / 100ft	15m / 50ft

#### NOTES:

\* Maximum SPL calculated from sensitivity and power handling specifications, using a signal with crest factor 4 (12dB), exclusive of power compression.

\*\* With dedicated preset

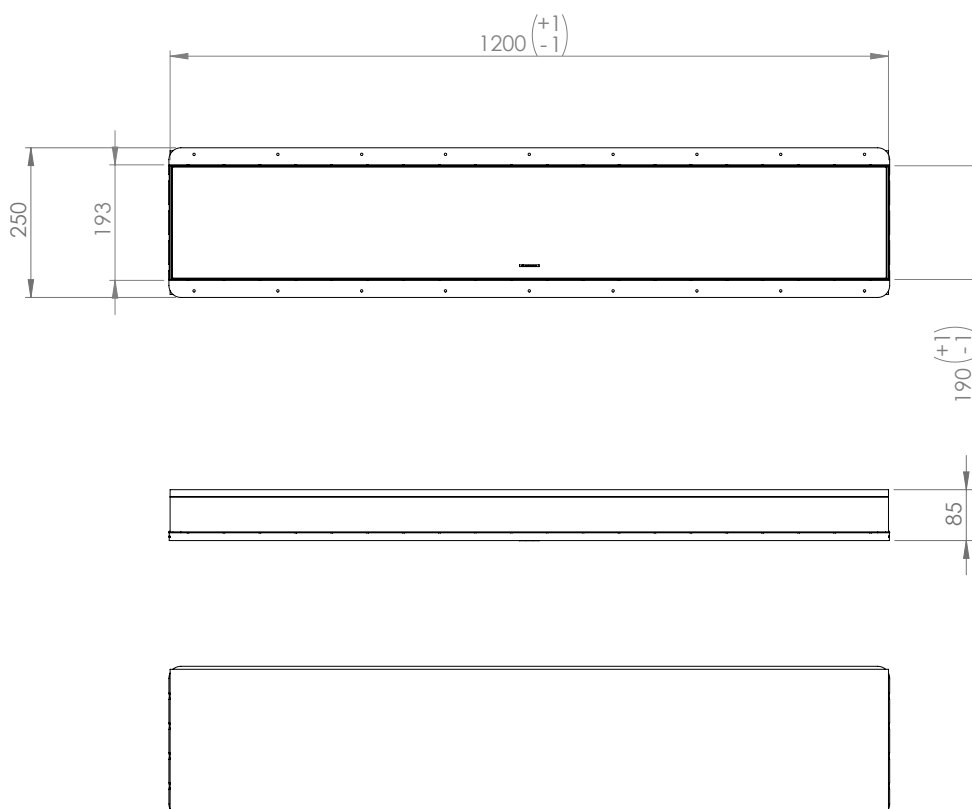
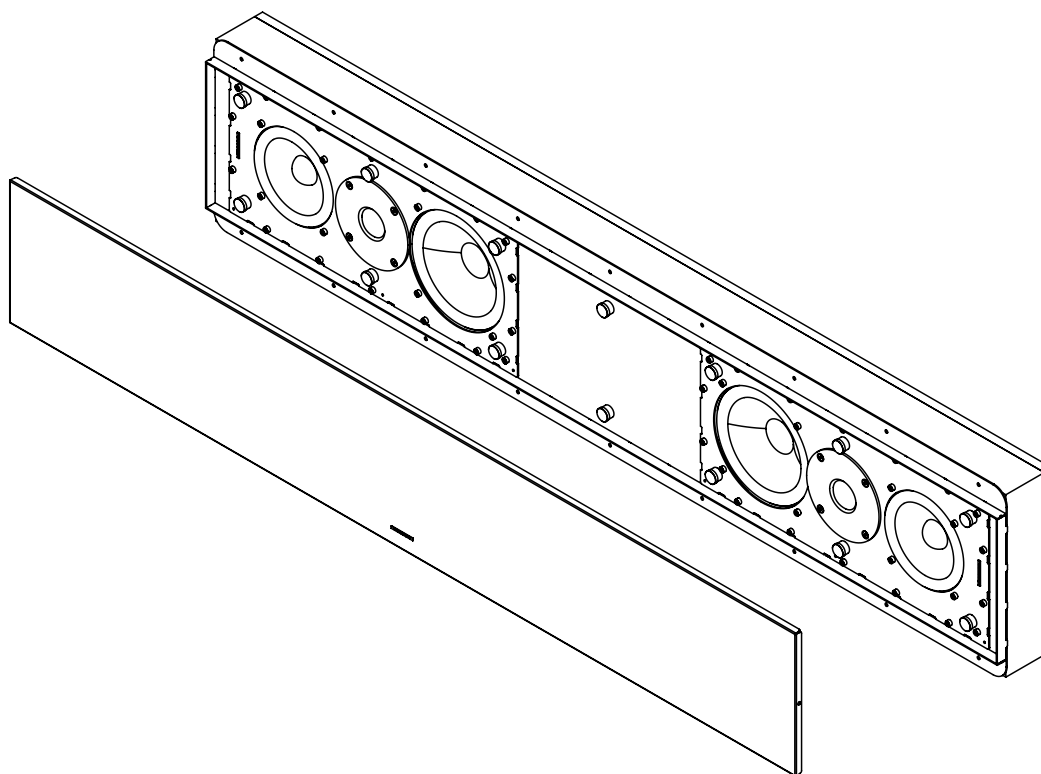
\*\*\* Power on Continuous Program is defined as 3 dB greater than the Nominal rating.

\*\*\*\* average SPL measured from 200 Hz to 1,5 kHz

\*\*\*\*\* With dedicated ignition and maintenance process

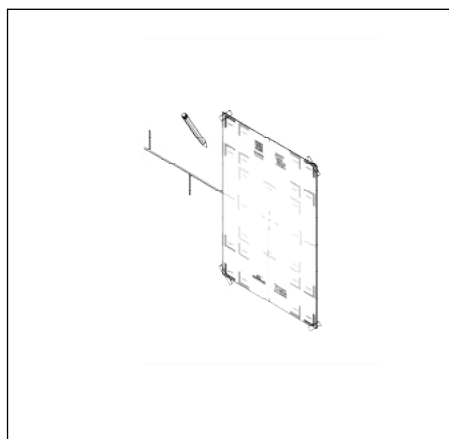
### SOUNDBAR IN-WALL CODES

Soundbar **KR2316**  
Speaker L+R **KR316**

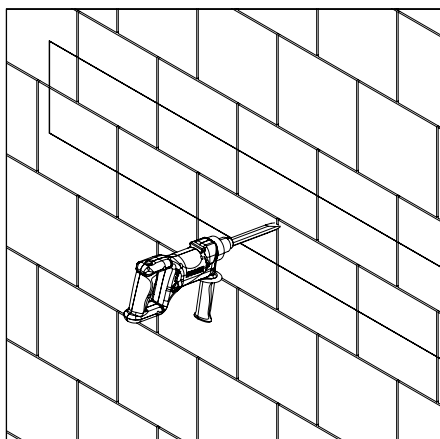




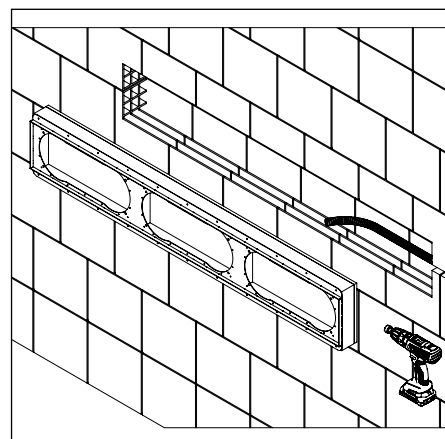
# INSTALLATION INSTRUCTIONS **KR2316 Soundbar in-wall - concrete wall**



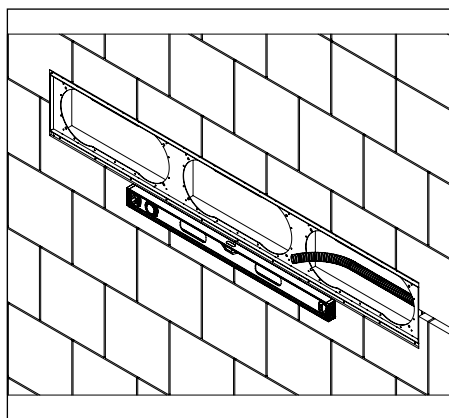
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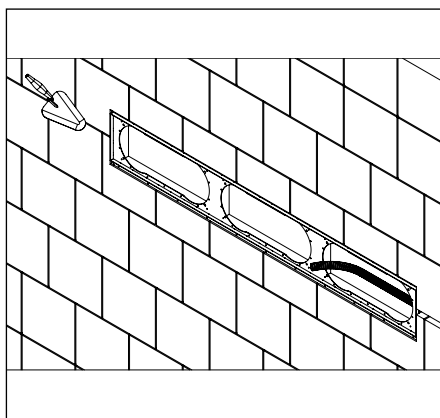
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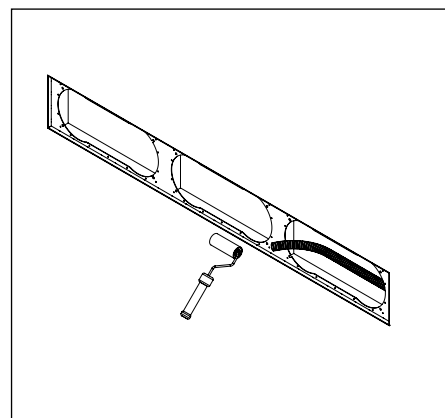
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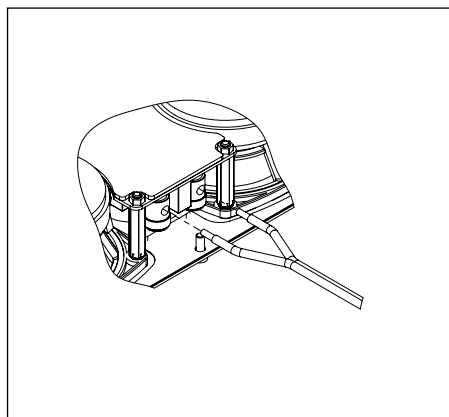
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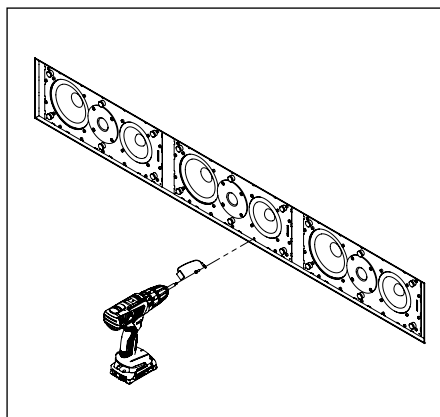
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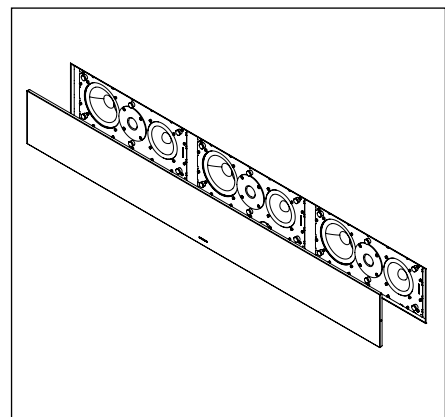
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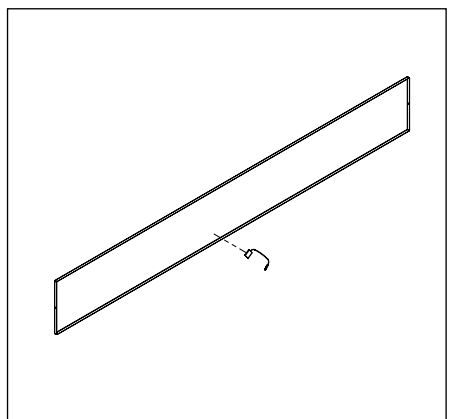
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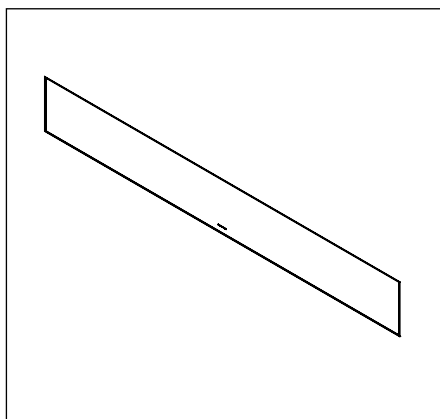
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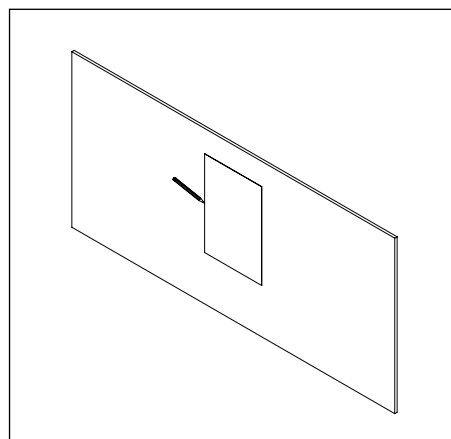


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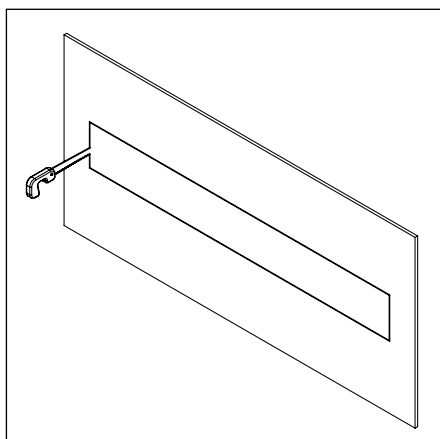


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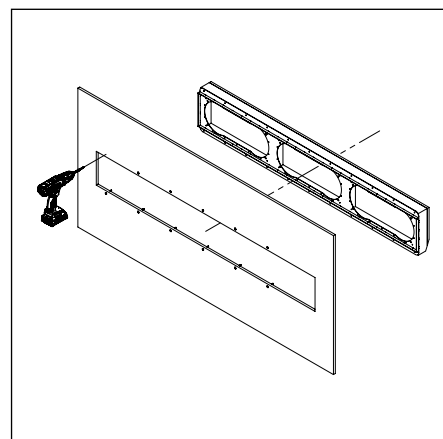
# INSTALLATION INSTRUCTIONS **KR2316 Soundbar in-wall - plasterboard**



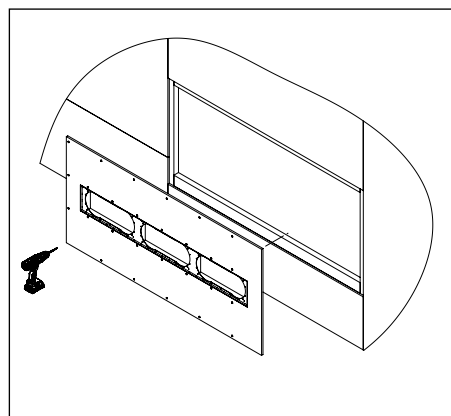
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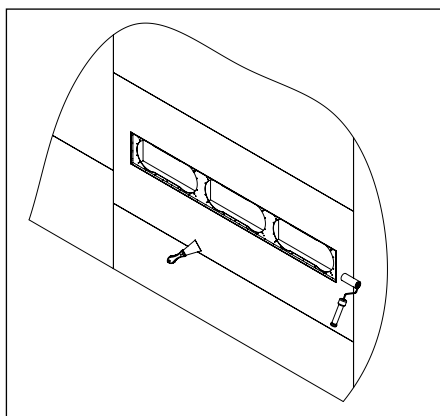
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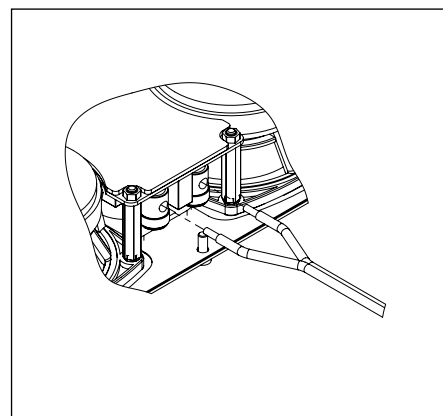
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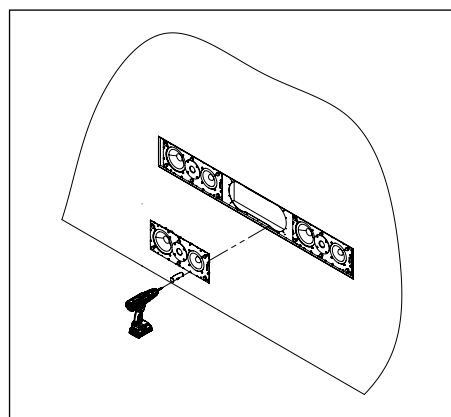
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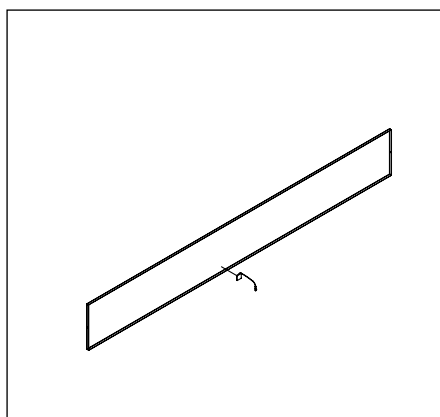
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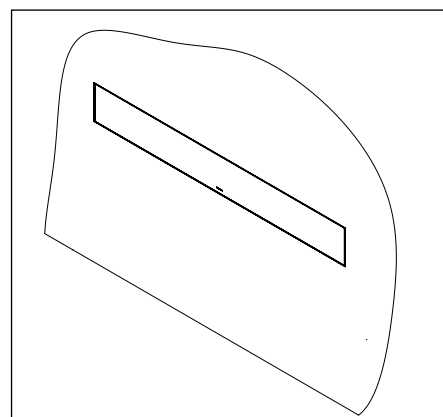
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