

High corrosion resistance, maintains color long time

IMS

Insulation Metal Siding

Made in KOREA

www.imsiding.com

IMS
Insulation Metal Siding
아이엠사이드

» IMSIDING has resistant to rust and have a color Guarantee.

Produced products IMS in Korea.

Insulation Metal Siding is made of an alloy of zinc, aluminum and magnesium Hop-dip coated on steel plate, designed for All applications requiring high corrosion resistance.

IMS is an exterior wall material that is Resistant to fading due to use special painting layer.

In addition, it is produced using a pressing method that adds depth to the engraving with colorful design.



A variety of designs

Luxurious and various of patterns and colors available



Easy to Installation

Anyone can install quickly and easily



Condensation prevention and insulation effect

Increased waterproofing effect inserting urethane foam



Excellent waterproof effect

Easy T&G type with interlocking system panel



Excellent economics

Excellent economic efficiency due to easy construction with lightweight materials



Block external noise

Effective in blocking noise with urethane foam

Cut to standard sizes and desired length!

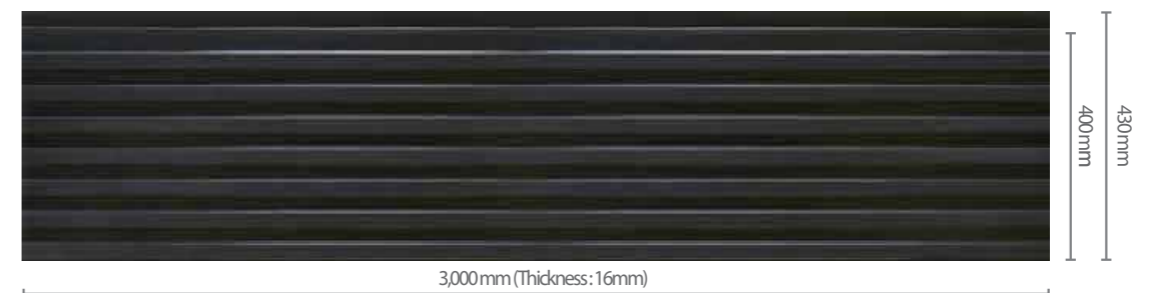
IMS Specification

IMS 01 · 06 · 08



Size	16mm(Thickness) x 3,000mm(With) X 380mm(actual exposure Height)
Area	about 1.14m ² / Panel
Weigh	about 5.2kg / Panel
Packaging	8sheet / box, 24box / Pallet, 16box / Pallet

IMS 07 Vertical



Size	16mm(Thickness) x 3,000mm(With) X 400mm(actual exposure Height)
Area	about 1.2m ² / Panel
Weigh	about 6.2kg / Panel
Packaging	8sheet / box, 24box / Pallet, 16box / Pallet

By using high-density urethane foam High corrosion resistance and maintains color long time!

Unlike general metal exterior materials, it is a 'High-performance metal exterior panel' made by molding a highly corrosion-resistant steel plate (aluminum, zinc, and magnesium alloy-plated steel sheet) and an insulation material (hard urethane foam) into one piece, and can be applied to any purpose from new construction to remodeling.

IMS is a product made by alloying aluminum, zinc, and magnesium and hot-dipping it onto a steel plate, and is **designed to be suitable for all applications requiring high corrosion resistance**. In addition, the surface appearance is very beautiful, expressing the aesthetic function of the building excellently. Functionally, this product has **5 to 7 times improved corrosion resistance compared to existing GI**, allowing you to keep your buildings beautiful.

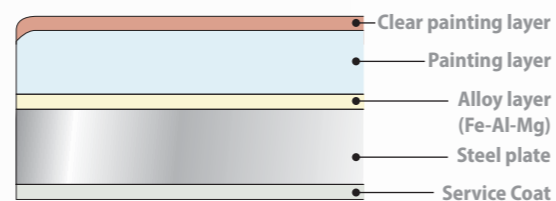


(A) Surface Painted, high-corrosion-resistant steel plate that is rust-resistant and durable.

- Surface thickness: **Print 0.36mm / Solid 0.34mm**
- Weight: about **5.2 kg (common)** / about **6.2 kg (vertical)**
- Paint type : **MVP** (High weather resistance paint)
- Surface Type : **POSMAC (POSCO) / GIX(Dongkuk)**

WARRANTY 15 [POSCO, Dongkuk quality assurance products] * Coil only

■ Surface structure :



(B) Insulator Use of hard urethane foam
High insulation and sound insulation performance

- Urethane foam density : 40-45 kg/m³

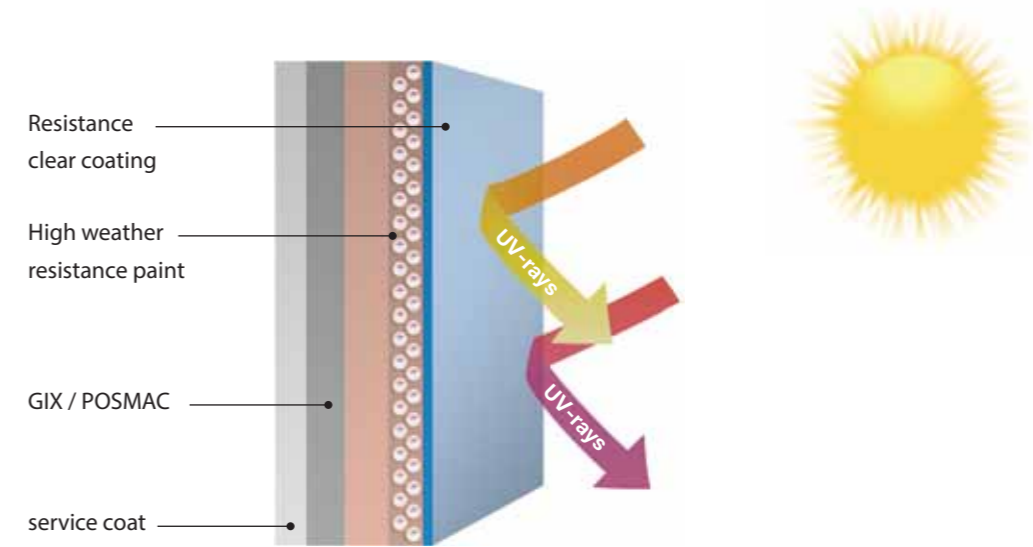
(C) Back material Durable aluminum laminate processing paper.
Maintains a comfortable indoor temperature by reflecting radiant heat.

Unchanging over time High weather resistance and high corrosion resistance

01 Highly weather-resistant paint coating layer that is resistant to fading

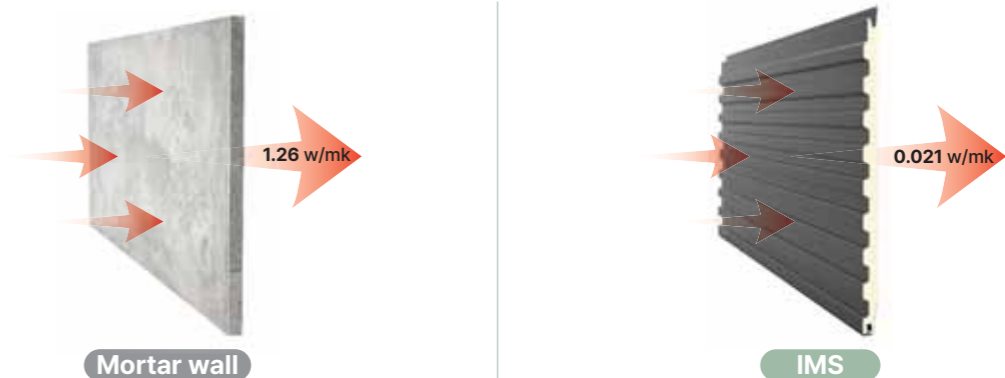
Exterior walls exposed to harsh natural elements such as strong sunlight, heat, snow, and rain. It lasts for a long time.

After about 2-3 years, the surface paint coating fade away and need to be replaced. However, **Paint coating layer that is resistant to uv ray. The product life expectancy is expected to be 10 to 15 years.**



02 Excellent thermal insulation

It has excellent insulation properties compared to regular mortar walls.



Test Items	Unit	Sample classification	Result	Test Methods
KS M 3809 : 2021	W/m·k	-	0.021	KS M 3809 : 2021

Easy to manage and construct
Made in KOREA IMS!

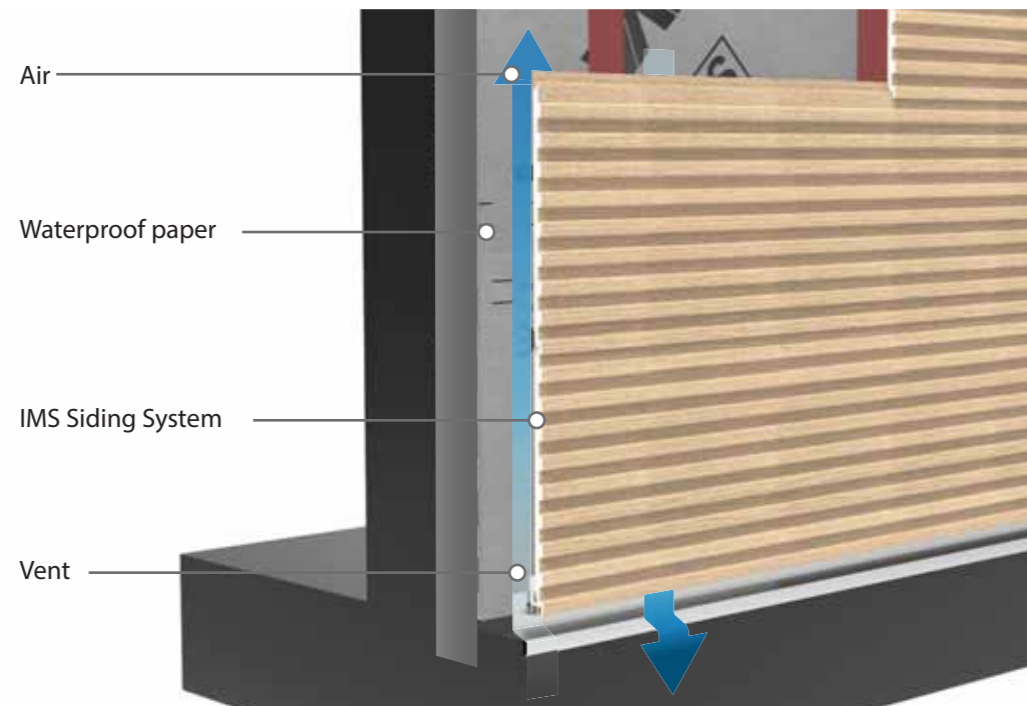
posco | DONGKUK STEEL
 Use of POSCO & DONGKUK Products

01 Ventilation method

Breathing walls improve insulation performance and remove moisture from crevices

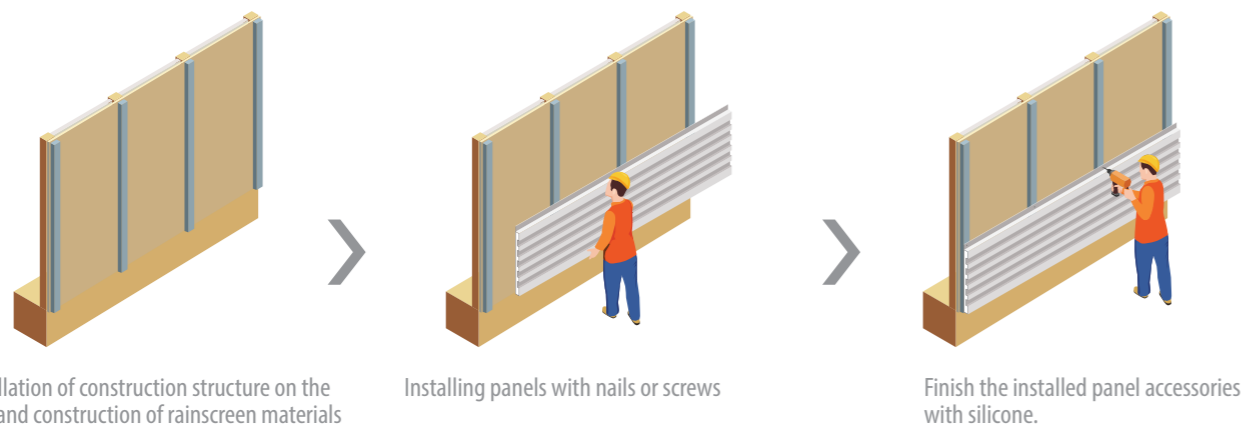
Through the ventilation method, **rainwater and moisture are quickly removed** from the back of the panel construction, and **insulation performance is secured** by preventing condensation and preventing sunlight from penetrating the room.

- Condensation prevention
- Drying and removal of infiltrated rainwater
- Excellent sound insulation effect
- Improved energy efficiency through insulation



02 Construction method

Improve work efficiency with simple construction methods!



Installation of construction structure on the wall and construction of rainscreen materials

Installing panels with nails or screws

Finish the installed panel accessories with silicone.

03 Made in KOREA

Quality and stability guaranteed with Made in KOREA products!

All processes, including product material development, processing, production, and quality control, are **conducted 100% in KOREA.**

We take pride in our domestic manufacturing and are committed to **always providing the best quality and service.**



WARRANTY
15
 YEARS

15-year quality guarantee
 *Coil Only

100 %
 MADE
 IN
 KOREA

100% Made in KOREA

LONGISH STONE SERIES



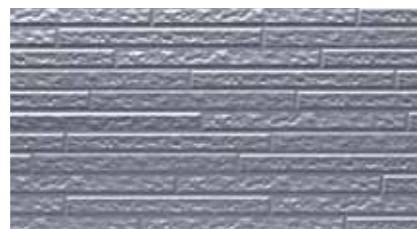
CLASSIC BRICK SERIES



Standard



IMS 01 - 01 WHITE



IMS 01 - 02 GREY



IMS 01 - 03 BLACK

Premium



IMS 01 - 04 GRADI WHITE



IMS 01 - 05 GRADI GREY



IMS 01 - 06 GRADI BROWN

Standard



IMS 06 - 01 WHITE



IMS 06 - 03 VINTAGE RED



IMS 06 - 04 VINTAGE WHITE

Premium



IMS 06 - 02 GREY



IMS 06 - 05 MONO WHITE

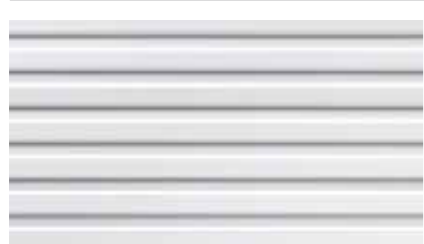


IMS 06 - 06 MONO GREY



**VERTICAL
SERIES**

Standard



IMS 07 - 01 WHITE



IMS 07 - 02 BLACK

Premium



IMS 07 - 03 NATURAL WOOD



IMS 07 - 04 RED BROWN WOOD



IMS 07 - 05 LIMESTONE GREY



IMS 07 - 06 LIMESTONE BLACK



IMS 07 - 07 CORTEN

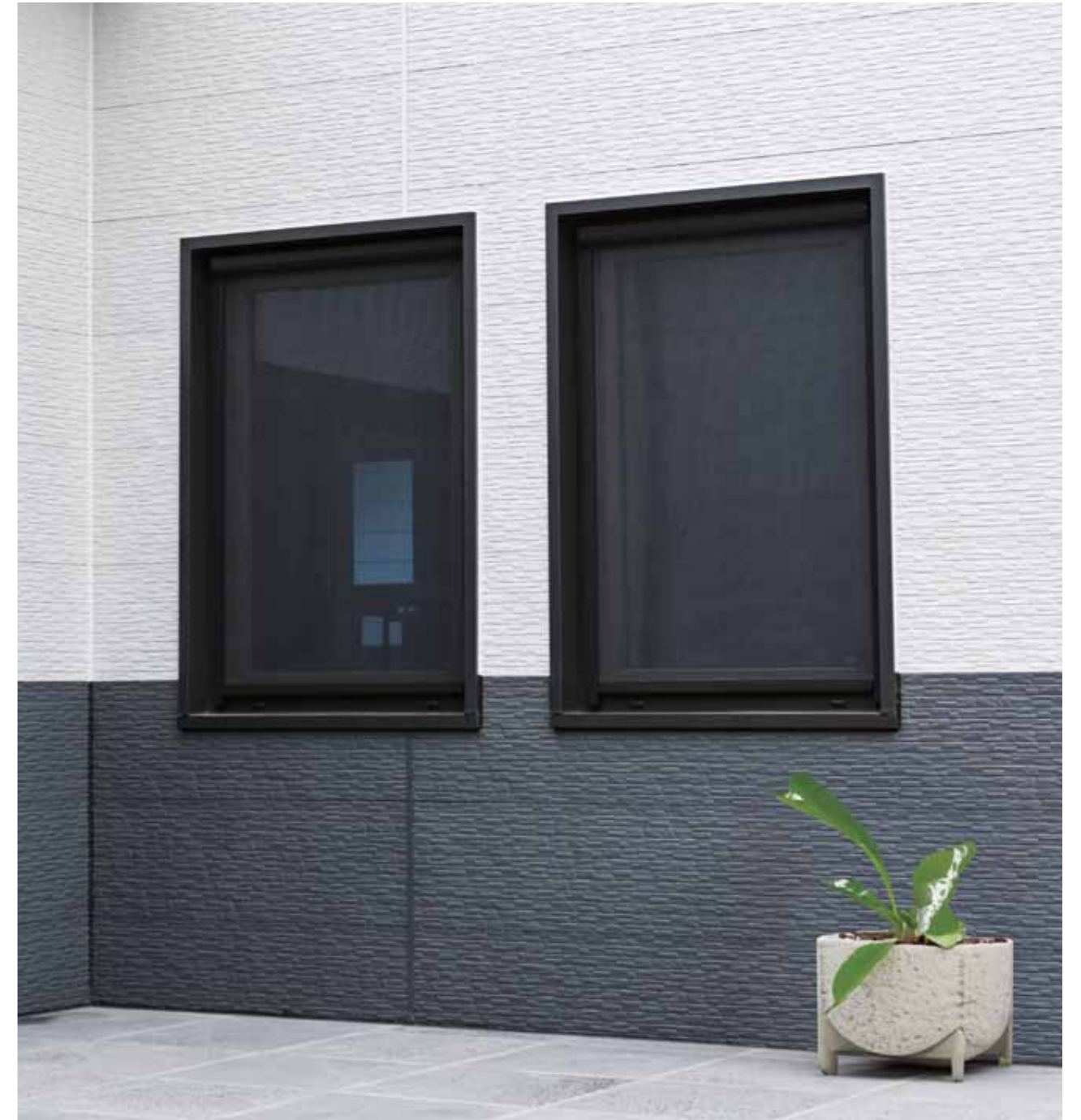


IMS 07 - 08 CLAY WHITE



IMS 07 - 09 SANDSTONE GREY

**DIRECTO
SERIES**



Standard



IMS 08 - 01 WHITE



IMS 08 - 02 GREY



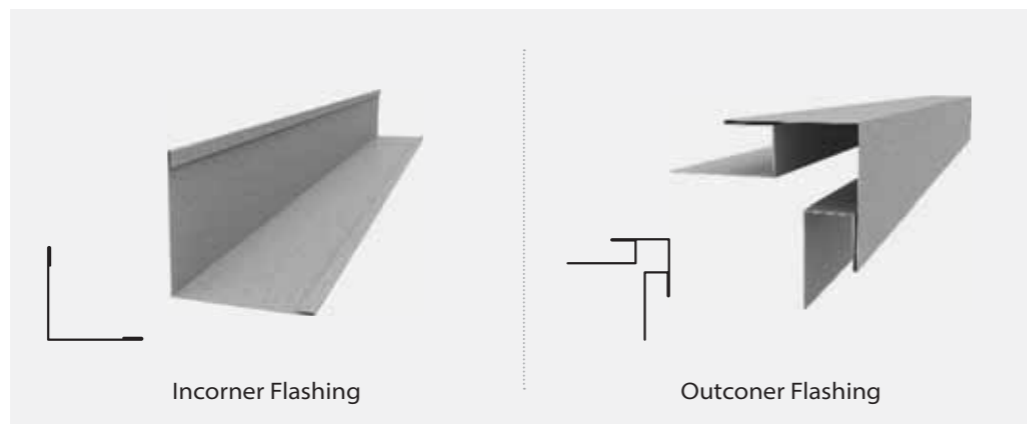
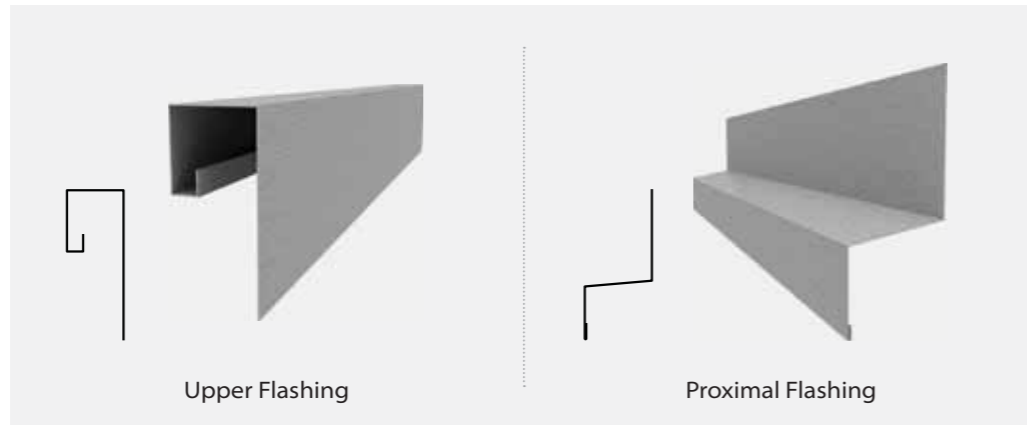
IMS 08 - 03 BLACK



SUB MATERIALS

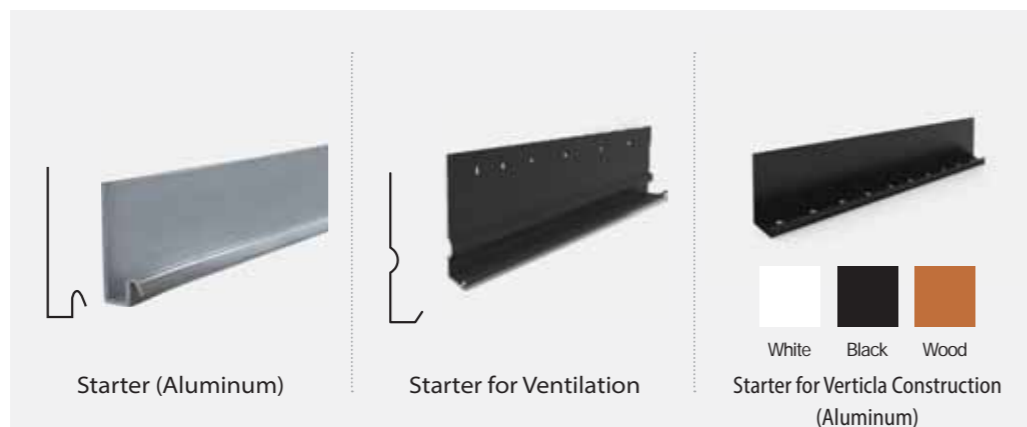
FLASHING

Auxiliary materials applied to the finishing area of the product



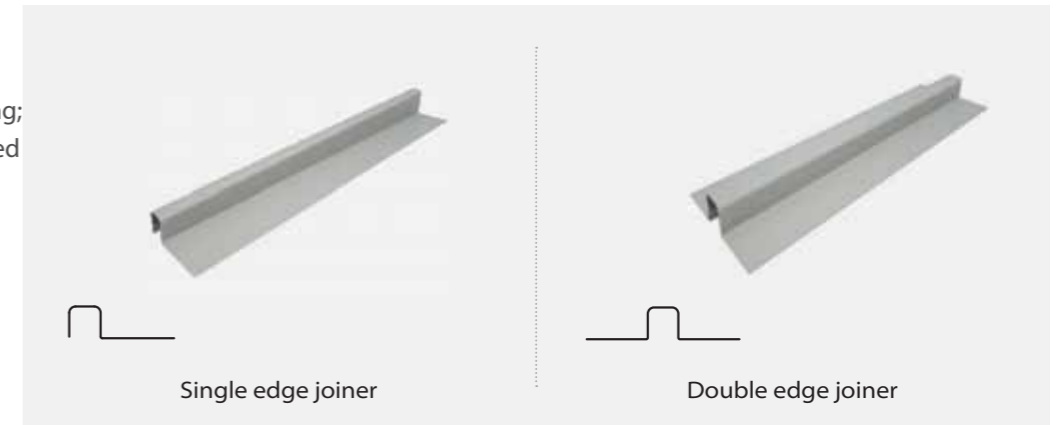
STARTER

Auxiliary materials installed at the base of siding



JOINER

between siding and siding; Auxiliary materials applied to window and corner finishing areas



I-BAR

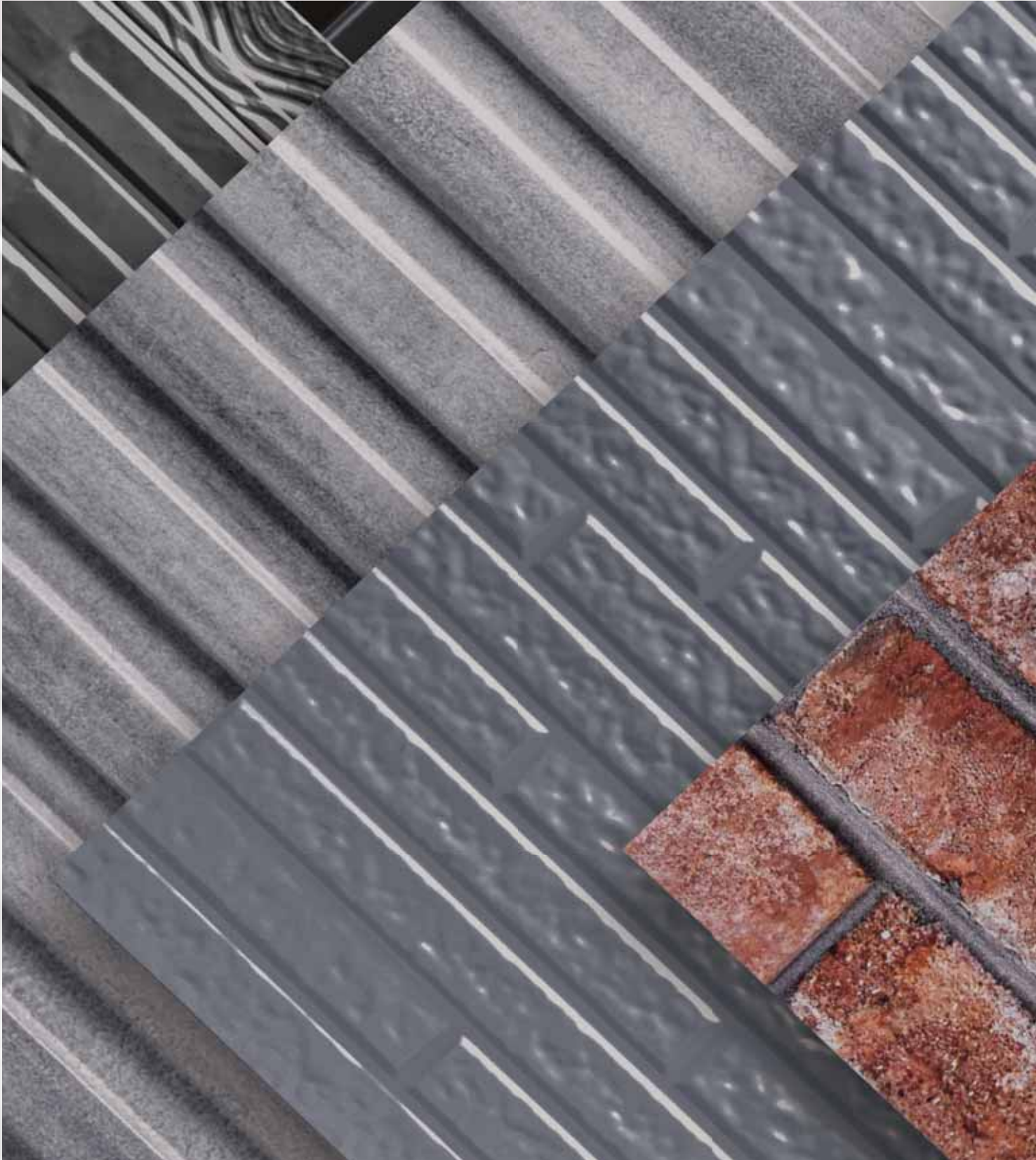
Materials used when starting siding



SEALANT

Auxiliary materials applied between siding or to the finishing area of a product, etc.





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