

Professional metal siding,

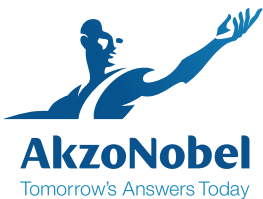
Coating with 18 processes, under 300 °C high temperature baking.

AkzoNobel painting, more color selections and realistic visual effects, better quality assurance.



REVOLUTIONARY COATING

SPANL METAL SIDING adopts the high-performance coating by AkzoNobel can be easily suitable for different climate and provide superior solutions for coating fading, loss of glossiness, UV erosion.

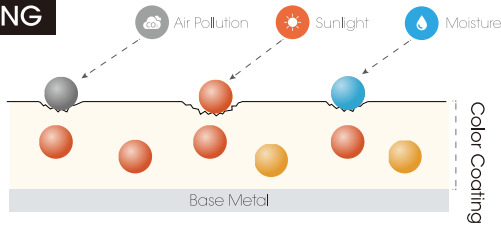


DURABILITY

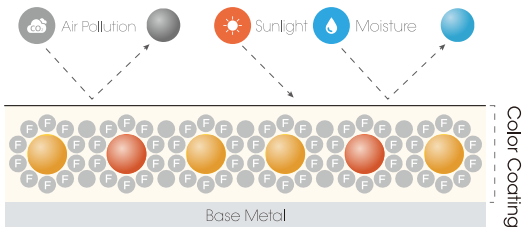
The traditional coating lacks the ability in maintain the glossiness, Spanl' s coating use micron pigments, whose molecular structure is more compact, makes UV deterioration resistance more stronger.



TRADITIONAL COATING



SPANL COATING



SELF-CLEANING

Self-cleaning technology has polar group molecules, good hydrophilicity, and form thin molecular membranes when combined with water. After dust attachment, it is easy to fall off after rainwater scouring.

TRADITIONAL WALL



Stained



Easy to be stained, hard to be flushed



Wall stained and can not be cleaned by rainwater

SPANL SIDING



Stained



Hard to be stained, easy to be flushed



Easily cleaned by rainwater and fresh as new

The anti-ultraviolet and anti-pollution ability, due to the different environment, the actual effect will also vary.



AIR-CIRCULATION METHOD

With this method, the rainwater on the backside of the panel can be discharged quickly, preventing moisture condensation and sunlight heat into the room.

- 01**

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Anti-con-
densation
- 02**

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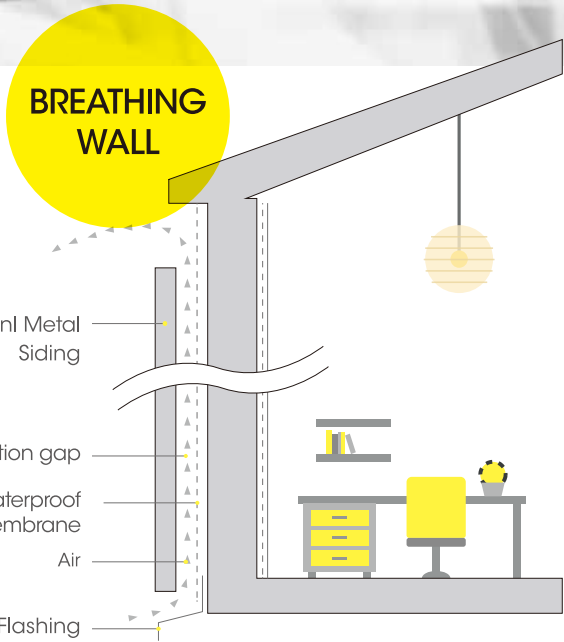
Discharge
inside
rainwater
- 03**

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Increase air
conditioner
efficiency
- 04**

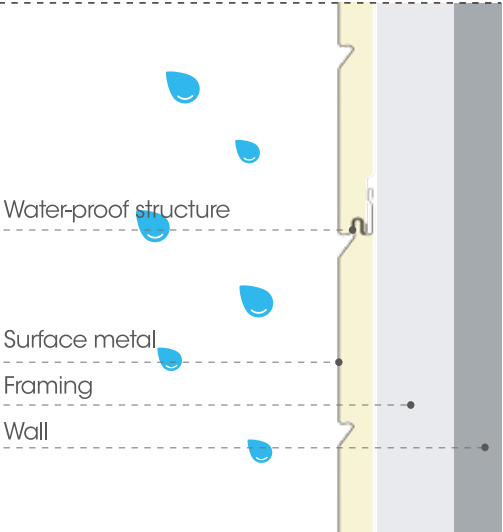
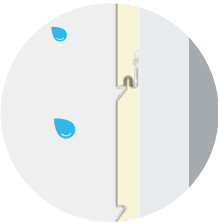
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Slowing
down house
aging



WATERPROOF

As shown in the picture, SPANL METAL SIDING can provide perfect waterproofness. According to the recommendation of installation, the water tightness can reach more than 550pa.





CONSTRUCTION

Comparing with fiber cement with the same thickness, SPANL METAL SIDING is lighter and faster and safer installation.

	Spanl Metal Siding	Fiber Cement
Material	Metal	Cement
Width	370mm	455mm
Thickness	16mm	16mm
Weight	3.5kg/m ²	14kg/m ²



FROST RESISTANCE

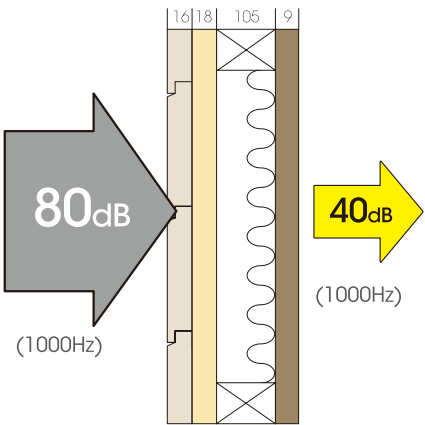
In extremely cold region, traditional external wall materials are easily to be crack and damaged due to thermal expansion and cold contraction. SPANL METAL SIDING is made of metal with enough strength and filled with PU foaming, with low water absorption and good resilience. In extreme weather, the combination of the two materials ensures a good appearance of wallboard and extender its lifetime.



SOUND INSULATION

SPANL METAL SIDING has an excellent sound insulation effect. As shown in the picture, in the case of 1000Hz, SPANL METAL SIDING can reduce around 40dB, creating a quiet home for you.

* FRAME:
Spanl Siding: 16mm
Profile Frame: 18mm
Wall: 105mm
Gypsumboard: 9mm



THERMAL INSULATION

The PU foaming used in SPANL METAL SIDING has low thermal conductivity, and its unique closed-porosity and high resistance to gas diffusion make its thermal insulation performance last longer enough. In the same thermal insulation requirements, SPANL METAL SIDING can reduce the building envelope thickness to increase the use of indoor area.

■ Thermal Conductivity

Spanl Metal Siding	0.03 (0.02)
Fiber Cement	0.17