

# Aluminium Composite Panel



**NEOBOND<sup>®</sup>**

**WILLIAMS COMPOSITE MATERIALS**

# NEOBOND®

## FEATURES

### Standard thickness

Standard panel thickness 4mm.  
6 mm are available upon request.

### Standard sizes

1250 x 3200 mm  
1575 x 3200 mm

### On request

Width: 1000, 1250, 1500, 1575, 2000 mm  
Length: up to 5700 mm

### Standard colours

20 colours and RAL7016.  
Special colours are available on request.

### Applications

1. Building rainscreens (wall cladding);
2. Facade decoration elements;
3. Facade renovation of old buildings;
4. Lining of balconies, cornices and canopies;
5. Cladding for interior walls and ceilings;
6. Linings of petrol stations, tunnels and pillars;
7. Signboards, information and exposition stands;
8. Different custom and non-standard elements.

### Excellent torsion strength

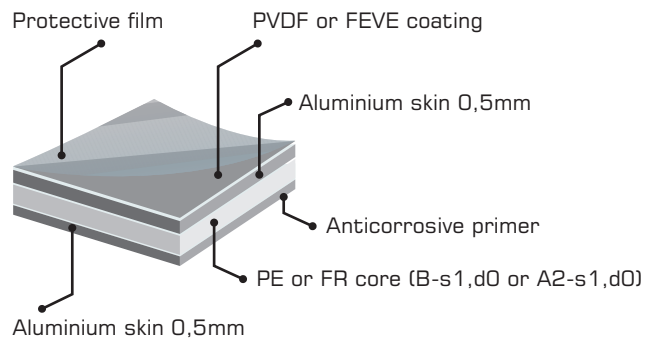
With varieties of advanced equipment and strict control, Neobond panel features high strength with excellent torsion strength and bending strength under heavy loads, and also excellent weather resistance.

### Easy processing and installation

Neobond panel is easy to process for its light weight ( $5.6 - 8.10 \text{ kg/m}^2$ ). All cutting, millining, planning, slotting, sidefolding and curving can be easily fulfilled by simple tools used for processing timber and metal. Both indoor and outdoor decoration can be implemented simultaneously as to raise working efficiency and short working time.

### All requirements of building fire safety

Neobond aluminium composite panel consisting of inorganic mineral filled core between two aluminium skins meet requirements of European standard EN13501-1: reaction to fire with classes B-s1,d0 or A2-s1,d0. Neobond panels are widely used either for private or high-storey public building rainscreens.



### Excellent impact resistance

It features good impact resistance, toughness, bending rigidity, it will not be damaged when its suffering from sand blown by wind.

### Excellent weather resistance

Neobond panel is coated with fluorocarbon (PVDF) resin, it features good lightness, strong adhesion, and alkali resistance, powdering resistance of ultraviolet light. It can be used for twenty years without fade.

### Even coating and various colours

Neobond surfaces are coated using coil-coating technology. High-grade polymer coatings (PVDF and FEVE) are designed to provide outstanding aesthetics and durability in a wide range of applications under normal environmental conditions.

### Easy to maintain

Neobond panel performs well in its pollute resistance. The panel needs to maintain and clean after several years use. Only neutral cleanser and water needed for its self-clean performance. It looks like before after cleaning.



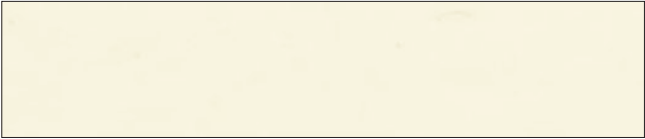
**WI-702**



**RAL 9010**



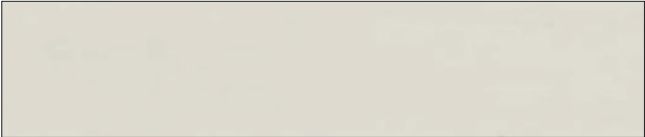
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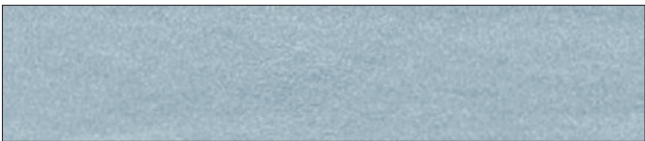
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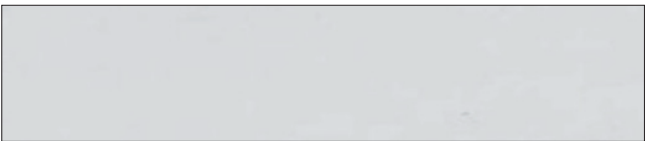
**WI-731**



**WI-733**



**WI-708**



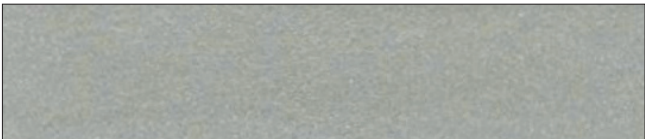
**WI-706**



**WI-711**



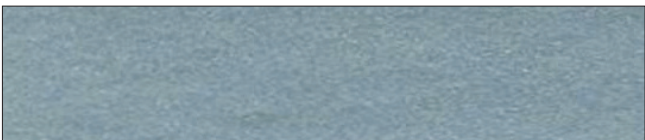
**RAL 7021**



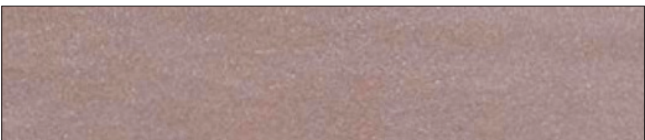
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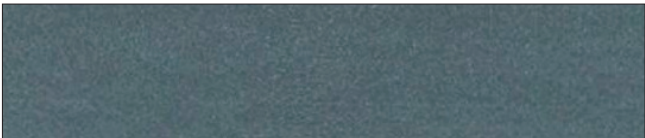
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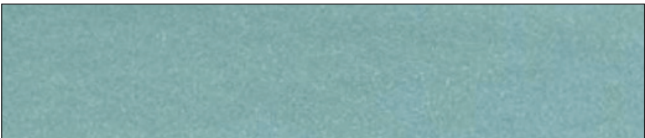
**WI-734**



**WI-700**



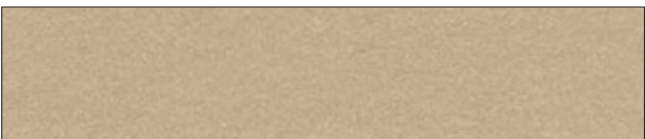
**WI-737**



**WI-714**



**WI-728**



**WI-736**



**WI-727**



**WI-001**



**WI-722**



**WI-719**



**WI-730**

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