

### The Product

ProtectPlus is a two component, transparent clear coating specially designed for maximum protection and to enhance the durability of the Rockpanel range.

### Its Properties

The Rockpanel extra protection layer offers optimum protection for external cladding against weathering, UV radiation, pollution and graffiti. It also provides high scratch and solvent resistance and is unaffected by most cleaning agents. Furthermore, the ProtectPlus coating has excellent self-cleaning properties.

### Application

In order to ensure a proper effect of the ProtectPlus layer on Rockpanel Rockclad board material, the coating can only be applied in an industrial and conditioned way. Rockpanel board with a ProtectPlus coating cannot be repainted. Products finished with ProtectPlus (with the exception of Chameleon & Metallics Aluminium and Malachite Green) may be applied in non-ventilated environments.

Rockpanel Rockclad, Woods and Metallics with ProtectPlus have a Euroclass fire classification of B, s2, d0.

### UV protection



- Integrated UV blocker
- Enhanced Colour Fastness
- Like new appearance

ProtectPlus has an integrated UV blocker and ensures excellent colour fastness.

Product	Colour Fastness based on EN 20105-A02	
	Exposure 3000 hrs	Exposure 6000 hrs
Woods	4.5	4.5
Metallics	4.5 - 5	4.5 - 5
Standard Colours ProtectPlus	4.5	4.5

#### Notes:

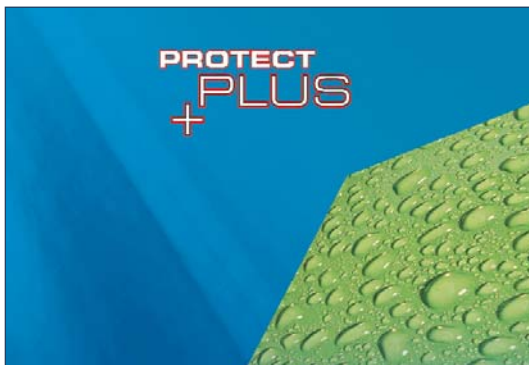
- Artificial Weathering in these tests was according to ISO 4892:1994 (parts 1 and 2).  
The standard 3000 hours test simulates 10 years of outdoor exposure.
- Standard Colours.

The ProtectPlus layer shows no chalking or loss of transparency after these exposure times. The product retains its high performance self-cleaning properties and outstanding resistance to pollution.

**Solvent resistance and anti graffiti**

- Graffiti is easy to remove with the Rockpanel Graffiti Cleaner
- The process leaves no traces
- Replacement of sheets is not required

Repeat tests with graffiti and other contamination (synthetic coating, acrylic coating, permanent marker, bitumen) have been made by the independent research institute WTCB. Their results show that even after 5 cycles of cleaning with Likapal® GSIII the graffiti or other contamination is removed completely without affecting the gloss level or colour of the panel. The application and cleaning of graffiti does not influence the appearance and properties of the product. The coating is solvent resistant to most cleaning agents.

**Self cleaning**

- Dirt-resistant
- Moisture-proof
- Brings lower cleaning costs

The ProtectPlus layer has self-cleaning properties. Because of the hydrophobic character of the coating and its durability, contamination does not adhere to or bond with the surface. Rain and other watering remove contamination easily and the panels stay clean. The panel with a ProtectPlus finish is low maintenance which is a major benefit at difficult to reach applications. And with ProtectPlus all application maintenance costs are significantly reduced.

**Note:**

- A copy of the WTCB report is available on request.
- Except for Chameleon. This product has to be applied in a ventilated construction since its vapour openness is limited.
- The Oak scored 4 on the grey scale after 6000 hours.

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