

Technical --- Data Sheet

Protectapeel Passivhaus



Apply At 250 Microns

PRODUCT DESCRIPTION

Protectapeel Passivhaus is a water based protective coating. Applied quickly by spray, it forms a tough, breathable barrier across a building interior, preventing moisture ingress and minimising heat loss.

SURFACE COMPATIBILITY

Protectapeel Passivhaus can be applied directly to any surfaces within a building. Including masonry and blockwork walls, concrete floors, structural junctions and corners, window and door reveals.

PRODUCT ADHESION

Protectapeel Passivhaus dries to form a tough, air tight bond that does not lose adhesion during protection.



PPE

We recommend the following PPE when applying Protectapeel Passivhaus



EYE PROTECTION



GLOVES

FAST APPLICATION

DURABLE PROTECTION

PACKAGING SPECIFICATION

Protectapeel Passivhaus is sold as standard in 15 kilo containers, theoretically covering 4m² per kilo, at a wet film thickness of 250 microns.

A standard pallet of Protectapeel Passivhaus is 44 x 15 kilo containers.

Sizes Available: 15kg, 200kg, 1000kg IBC



APPLICATION TIME

Protectapeel is easily and quickly applied to flat, shaped and curved surfaces, covering approximately 3m² per minute using a Graco 390 airless spray gun.

STORAGE

Store at temperatures between 5°C - 25°C. DO NOT ALLOW PRODUCT TO FREEZE

SHELF LIFE

Shelf life is 24 months.

PRODUCT SPECIFICATIONS

Protectapeel Passivhaus is blue as standard but is also available in clear or a pigmented colour upon request.

Tensile Strength: >5 MPa

Elongation: >1000%

Adhesion: < 1.0 MPa

Viscosity: 18,000 ± 2,000 cP @ 20°C

Flash Point: N/A

Density: 1.09 kg/l⁻¹

Solids Content: 45 ± 2 %

pH: 7-8

Maximum level of VOC released over 11 days = 53.22 g/L.

Average daily VOC evaporation rate 4.84 g/l.*

*Average VOC release rate calculated over 11 days. Negligible/ undetectable levels of VOC released after 11 days. Calculated on product stored at 20°C with minimal air movement.

EASY REMOVAL

RESOURCES SAVED

FLAMMABILITY

Protectapeel Passivhaus is non-toxic and non-flammable in the wet state. The dry film waste may be disposed of as low hazard. Refer to the Safety Data Sheet (SDS).

APPLICATION

Protectapeel is applied using an airless spray gun (such as a Graco 390) using a 17 thou tip size. ALWAYS STIR THE PRODUCT BEFORE USE.

When you're ready, start by spraying in a horizontal motion, keeping your wrist straight and releasing the trigger at the end of each pass. Once you've covered the surface, switch to a vertical spray to create a nice even "box coat" effect. Keep a steady, consistent speed as you go for the best finish.



CURING TIME

A WFT of 250 Microns will be tack free in approximately 120 minutes at room temperature. Force drying may be used by using moving air and increasing the surface temperature to a maximum of 50°C.



CLEANING INSTRUCTIONS

Clean equipment with water immediately after use.



FAST APPLICATION

DURABLE PROTECTION



Do's & Don'ts

- | | |
|--|--|
|  Use correct PPE |  Do not allow product to freeze |
|  Mix before use |  Do not apply in rainfall |
|  Use the correct tip size |  Do not consume or get in eyes |
|  Store in a cool/dry place |  Do not mix with other products |
|  Use wet film gauge to measure - 250 Microns | |
|  Mask all areas you do not want protected | |
|  Always seal the tub when not in use | |

More Information —
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