

CORDEN EPS LIQUID GAS BARRIER

Corden EPS Liquid Gas Barrier is a ready for use specialist styrene butadiene latex based liquid applied membrane. It offers a simple, continuous passive gas prevention barrier against the ingress of methane, carbon dioxide, radon, ground gas, VOC, air & moisture into buildings. Corden EPS Liquid Gas Barrier also acts as a waterproofing membrane complying with requirement C2 and C4 schedule 1 of the Building Regulations 1991 for England and Wales.

PRODUCT SPECIFICATION

Corden EPS Liquid Gas Barrier			
Characteristic	Test Method	Unit	Liquid Gas Barrier
Physical Properties			
Applied Thickness		mm	>1.0
Form Supplied			Viscous Liquid
Pack Size			15kg
Colour			Green
Chemical Composition			Advanced SBS with speciality
Hydraulic Properties			
Water tightness	EN 1296, EN 1367, EN 1928	-	Pass
Gas Permeability			
Methane Permeability	BS EN ISO 15105 – 1	ml/m ² /day/atm	0.01
Radon Permeability	Saarland University, GER	mm	>1.0mm applied thickness provides a complete barrier to radon

PROPERTIES

Corden EPS Liquid Gas Barrier can be used to protect most building surfaces from the effect of liquid and water vapour, carbonation and as a gas barrier to prevent the ingress of methane, carbon dioxide and radon. As the product is a barrier to moisture it can be used as a DPM on floors and walls.

COVERAGE

Corden EPS Liquid Gas Barrier may be applied by brush, roller or airless spray. **A minimum dry coated thickness of 1.0mm** is needed to provide a gas barrier. To achieve 1.0mm thickness, a total of 2kg/m² is required, therefore a 15kg tub will cover an area of 7.5m².

Application

The background surface should be smooth or have a light even texture, and masonry should be flush pointed and defects in the surfaces made good prior to application. The surface should be clean, sound, free of dust, loose material and surface water. Corden EPS Liquid Gas Barrier should not be applied in wet conditions or where inclement weather is expected before the membrane has dried. The membrane should not be applied in temperatures below 7°C.

Where multiple coats are applied, it is recommended that the coats are applied at right angles to each other. Before application of secondary coats it is necessary to let the first coat become touch dry.

The time required to reach touch dry condition will vary dependant on site conditions within the working area, but typically be in order of 1-2 hours in favourable conditions. It is preferable that secondary coats are applied within 24 hours.

Handling

Material is supplied in tubs of 15kg weight. Appropriate care must be taken with handling. Clean tools with water immediately after use.

Storage

Store tub in conditions between 5°C and 30°C; Shelf life 12 months unopened.

Jointing/Sealing/Compatibility

Corden EPS Liquid Gas Barrier is compatible with loose laid membranes in the Corden EPS range.

Additional Information

For additional information or assistance, please contact Corden EPS directly.

