

Corden EPS GRM

Corden EPS GRM Self-Adhesive Membrane is a bituminous, gas proof and water proof sheet. Composed of self-adhesive SBS polymer modified bitumen, with an upper surface finish of aluminium foil and a lower surface finish or siliconized polypropylene release film.

Corden EPS GRM is used for the waterproofing of underground structures where harmful ground gasses are anticipated.

Corden EPS GRM complies with the latest codes of practice as published by BRE, CIRIA and BSI (BS 8485:2015)

HANDLING

Roll weights can be in excess of 20kg hence appropriate care and equipment is required for unloading and handling. This product is non-toxic and not flammable.

STORAGE

Rolls of Corden EPS GRM should be stored horizontally and pallets should not be stacked on top of one another.

Corden EPS GRM should be stored in a cool, dry place and be protected from exposure to rain, sun, heat and cold temperatures prior to installation. Exposure to sunlight for extended periods of time could cause difficulty with removal of the polyethylene release film.

INSTALLATION

Corden EPS GRM should be installed in accordance with the product installation guidelines, and in accordance with BS 8485:2015.

Corden EPS GRM should be applied to a clean and dry surface. Masonry and concrete should be primed with Corden EPS Prime and allowed to dry completely.

It is recommended that Corden EPS GRM is not applied in temperatures below 10 °C, in colder weather the material can be warmed slightly to aid adhesion.

ADDITIONAL INFORMATION

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

Corden EPS GRM			
Characteristic	Test Method	Unit	EPS GRM
Physical Properties			
Thickness	EN 1849-2	mm	1.20
Width	EN 1849-2	M	0.3 or 1
Length	EN 1849-2	M	20
Weight	EN 1849-2	g/m ²	1000
Hydraulic Properties			
Water tightness	EN 1928	-	PASS
Mechanical Properties			
Tensile Strength (MD)	EN 12311 -1	N/50mm	200
Tensile Strength (CMD)	EN 12311 -1	N/50mm	200
Joint Strength: shear resistance	EN 12317-1	-	200
Flexibility at low temperature	EN 1109	°C	<-15
Humidity resistance factor	EN 1931	-	150000
Flow resistance at elevated temperature	EN 1110	°C	>70
Gas Permeability			
Methane Permeability	BS EN ISO 15105 - 1	ml/m ² /day/atm	< 0.53
Carbon Dioxide Permeability	BS EN ISO 15105 - 1	ml/m ² /day/atm	< 0.53
Radon Permeability	K124/02/95	m ² /s	2.9 x 10-14

