



Uniseal® EPDM is a durable, flexible single-ply EPDM membrane for roofs and pond liners. Suitable for large areas with minimal detailing and heat-weldable seams.

APPLICATIONS:

- Roof waterproofing
- Pond liners
- Large uninterrupted areas

BENEFITS:

- Durable, strong, and flexible
- Fully adherent to surfaces
- Suitable for large areas
- Heat-weldable joints

APPLICATION WITH:

- Uniseal® HeatWeld Gun



Tech Specs	UOM	Uniseal® EPDM		
Material		Ethylene Propylene Diene Terpolymer		
Colour		Black		
Size: Thickness	mm	1.2	1.2	1.2
Width	m	1.5	2	3
Length	m	15	25	50
Tensile Strength				
Normal Temperature	MPa	≥ 7.5	≥ 7.5	≥ 7.5
60°C	MPa	≥ 2.3	≥ 2.3	≥ 2.3
Elonga.on @ Break				
Normal Temperature	%	≥ 450	≥ 450	≥ 450
-20°C	%	≥ 200	≥ 200	≥ 200
Tear Strength	kN/m	≥ 25	≥ 25	≥ 25
Water Tightness (0.3MPa/30 min)		No Seepage	No Seepage	No Seepage
Flexibility at Low Temperature	°C	≤ -40	≤ -40	≤ -40
Heat Expansion				
Extended	mm	≤ 2	≤ 2	≤ 2
Contraction	mm	≤ 4	≤ 4	≤ 4
Hot Air Ageing (80°C x 168h)				
Tensile Strength Retention	%	≥ 80	≥ 80	≥ 80
Elongation @ Break Retention	%	≥ 70	≥ 70	≥ 70
Alkaline (Normal Temperature x 168h)				
Tensile Strength Retention	%	≥ 80	≥ 80	≥ 80
Elongation @ Break Retention	%	≥ 80	≥ 80	≥ 80
Artificial Climate Ageing				
Tensile Strength Reten.on	%	≥ 80	≥ 80	≥ 80
Elongation @ Break Retention	%	≥ 70	≥ 70	≥ 70
Bond Peel Strength				
Standard Test Condition	N/mm	≥ 1.5	≥ 1.5	≥ 1.5
Immersion Retention Rate (Normal Temperature x 168h)	%	≥ 70	≥ 70	≥ 70

