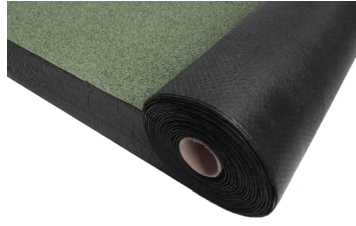


uniseal Torch - On



Uniseal® Torch-On 3mm



Uniseal® Torch-On 4.5kg/m²

APPLICATIONS:

- Roofs
- Large areas
- Exposed surfaces
- Use with Uniseal Bitumen Primer
- Top with Uniseal Acrylic

BENEFITS:

- Durable and reinforced
- Heat and UV resistant
- Foot-trafficable

APPLICATION WITH:

- Uniseal® Bitumen Primer
- Uniseal® Acrylic



Tech Specs	UOM	Uniseal® Torch-On
SGBC Green Product		✓✓✓✓
Material		Modified Bituminous Compound
Colour	Standard	Black
Size: Width	m	1
Length	m	10
Maximum Load @ Break	N/50 mm	
Longitudinal		750
Transversal		500
Elongation @ Break	%	
Longitudinal		40
Transversal		40
Resistance to Impact Loading	mm	900
Resistance to Static Loading	kg	10
Tensile Tearing Strength	N	
Longitudinal		400
Transversal		250
Dimensional Stability	%	±0.3
Cold Flexibility	°C	-5
Flow Resistance @ Elevated Temperature	°C	120
Water Vapour Properties	μ	20

Tech Specs	UOM	Uniseal® Torch-On
SGBC Green Product		✓✓✓✓
Material		Modified Bitumen Plastomeric
Reinforcement		Non-woven composite Polyester
Colour	Standard	Green
Size: Width	m	1
Length	m	10
Thickness for PE finish	mm	3 / 4 / 5
Weight for slated surface finish	kg/m²	4 / 4.5 / 5
Water Vapour Transmission	g/m²/24-hr	0.1
Water Absorption	%	<1
Tensile Strength @ break		
Longitudinal	N/5cm	850
Transversal	N/5cm	700
Elongation @ break		
Longitudinal	%	≥55
Transversal	%	≥50
Tear Resistance (Nail - Shank)		
Longitudinal	N	250
Transversal	N	300
Tensile-tear Resistance		
Longitudinal	N	650
Transversal	N	500
Joint Tensile Strength		
Longitudinal	N/5cm	850
Transversal	N/5cm	650
Dimensional Stability		
Longitudinal	%	± 0.2
Transversal	%	± 0.1
Water Absorption	%	0.15 max
Puncture Resistance		
Static	kg	20
Dynamic	mm	1750
Water Impermeability @ 100kPa		Absolutely impermeable
Impermeability to water vapor	μ	80,000
Ageing due to UV Radiation		Pass
Resistance to thermal ageing		No signs of deterioration
Adhesion to concrete	N/cm²	40
Thermal Conductivity	Kcal/mh°C	0.12
Dielectric Constant (k)		2.5
Dielectric Rigidity	Kv/mm	14
Average Granule loss for Mineral Slated Finish	gm/m²	Less than 200
Penetration at		
25°C	dmm	20 to 25
60°C	dmm	70 to 80
Cold Foldability	°C	-2 to -6
Softening Point	°C	≥150
Heat Stability	°C	120

SGBC = Singapore Green Building Council

