

# Power Elastomeric 250 Sand

Power Elastomeric 250 Sand is a polyester reinforced SBS-modified bitumen membrane.

## INTENDED USE

Power Elastomeric 250 Sand is intended for use as a 'pour-and-roll' underlay in a bitumen built-up roof system. Membranes should be installed in accordance with the manufacturer's guidelines.

<b>Upper Surface</b>	Silica Sand
<b>Lower Surface</b>	Silica Sand
<b>Material</b>	SBS-Modified Bitumen
<b>Type of Reinforcement</b>	Polyester 195g/m <sup>2</sup>

Characteristic	Test Method	Value or Statement	Tolerance	Units
<b>Length</b>	BS EN 1848-1	16	±0.1	m
<b>Width (inc. Selvedge)</b>	BS EN 1848-1	1	±0.02	m
<b>Straightness</b>	BS EN 1848-1	< 20	-	mm/10m
<b>Mass per unit area</b>	BS EN 1849-1	2.5	±0.25	kg.m <sup>2</sup>
<b>Effective thickness</b>	BS EN 1849-1	2.1	±0.2	mm
<b>Water tightness</b>	BS EN 1928 (B)	Pass	-	-
<b>Tensile strength</b>	BS EN 12311-1	550 (MD); 400 (TD)	±20%	N/50 mm
<b>Elongation</b>	BS EN 12311-1	10 (MD); 10 (TD)	±20%	%
<b>Dimensional stability</b>	BS EN 1107-1	≤ 1	-	%
<b>Flexibility at low temperature</b>	BS EN 1109	≤ -15	-	°C
<b>Flow resistance at elev. temp</b>	BS EN 1110	≥ 90	-	°C

MD = Machine Direction. TD = Transverse Direction.

## PACKAGING

Description	Roll Dimensions	Rolls per pallet	Product Code
Power Elastomeric 250 Sand	1m x 16m	25	<b>10001120</b>

## STORAGE

Materials for reinforced bitumen membrane roofing should be stored upright on clean dry level surfaces, undercover and clear of the ground. The same protection should be given to materials temporarily kept outdoors or on the roof during construction. Storage temperatures should be between 0°C and 30°C. Refer to BS 8000-4 (Section 2.1.2.2) for further information.

## INSTALLATION SUMMARY

Power Elastomeric 250 Sand membranes are applied using traditional 'pour & roll' techniques. The membrane is to be installed in accordance with current and relevant standards such as BS 8217, BS 6229 and BS 8000-4. For further details please consult our Flat Roofing Product Installation Guidelines or contact our technical services team.

## TECHNICAL SERVICES

For further information and technical support, please contact our technical services team:

T: +44 (0) 330 123 4585

E: [technical.uk@bmigroup.com](mailto:technical.uk@bmigroup.com)

## CERTIFICATION

Power Elastomeric 250 Sand has been independently site and laboratory tested by the British Board of Agrément, and awarded BBA certificate number 91/2618 (PS2).



## SAFETY, QUALITY & ENVIRONMENT

BMI Icopal membranes are manufactured under a Quality Management System approved to ISO 9001: 2015 and an Environmental Management System approved to ISO 14001: 2015, by TÜV NORD CERT GmbH.

Information regarding transportation, handling, storage and disposal can be found on the relevant Safety Data Sheet.



ISO 9001:2015  
44 100 21410102



ISO 14001:2015  
44 100 21410102



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Product, technical standards and codes of practice are under constant review. We reserve the right to change and amend products and information without prior notice. For the latest information, suitability and specification advice, please contact BMI Icopal technical services team.