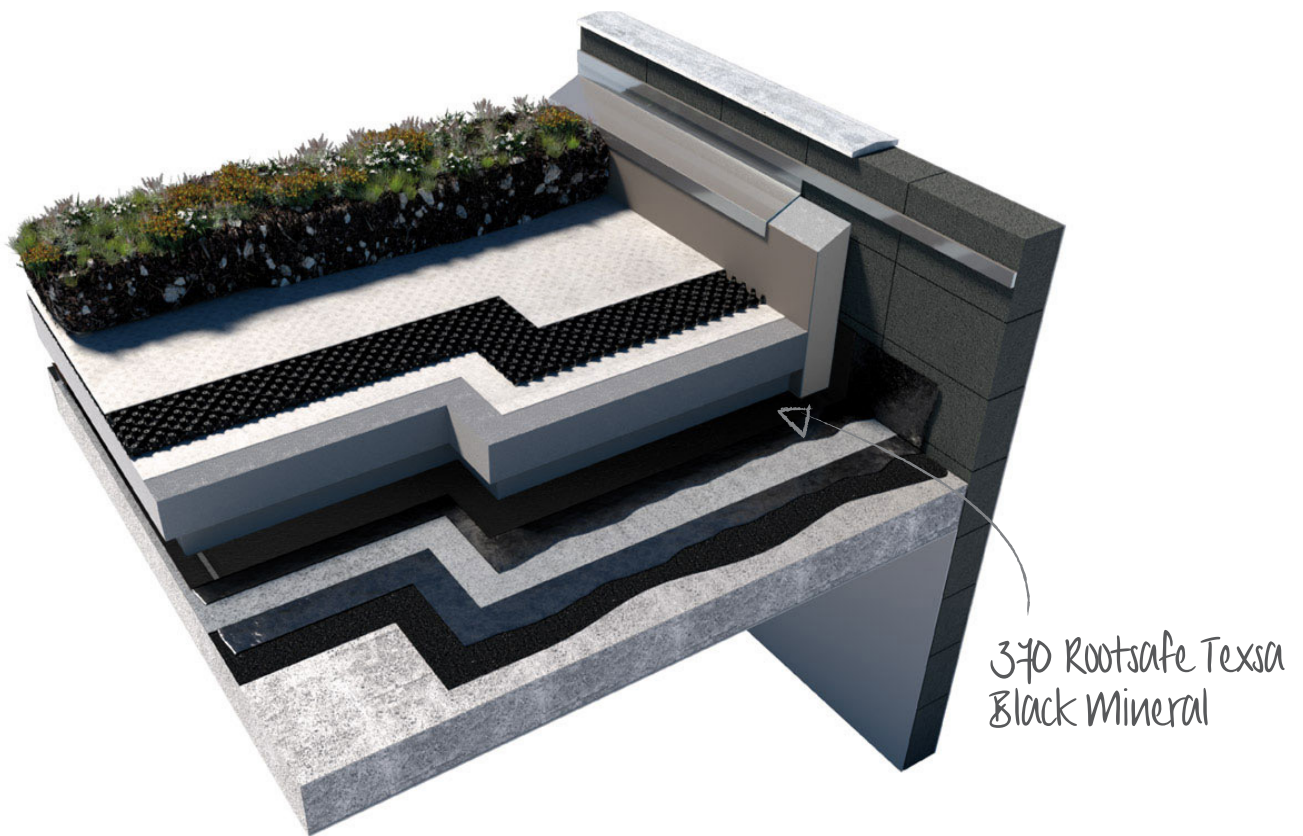


370 RootSafe Texsa Black Mineral

Product Data Sheet



An APP plastomeric bitumen-based waterproofing membrane, with anti-root treatment for blue/green roofing with non-woven polyester felt reinforcement.

370 RootSafe

Texsa Black Mineral

General Information

Radmat 370 RootSafe Texsa Black Mineral is an APP plastomeric bitumen-based waterproofing membrane, with anti-root treatment for blue/green roofing with non-woven polyester felt reinforcement. Coated with a mineral granule topside and PE film underside Radmat 370 RootSafe Texsa Black Mineral is suitable for green roof, blue roof and protected roof applications.

Radmat 370 RootSafe Texsa Black Mineral is a Reinforced Bitumen Membrane Cap Sheet for use in a 2 layer EshaFlex system and as a Protection Sheet in PermaQuik Hot Melt Systems.

Suitable for all types of roof with a flat or sloped roof construction on new build or refurbishment.

Any waterproofing upstands not covered by the green roof substrate should be completed using EshaFlex 370 FireSafe.

For all applicable roofing systems contact Radmat Building Products.

For a comprehensive NBS J41 specification contact Radmat Building Products

Fire Performance

When incorporated in a Radmat green roof, blue roof or protected roof application* with either MedO GM20, MedO GM30 or MedO GM40 growing medium at a minimum settled depth of 80mm Broof(t1) to BS EN 13501-5 will be achieved.

Suitable Substrates

Timber, concrete, metal deck.

Certificates

BBA certificate No.15/5282

Directions of Application

Torch applied to base sheet or suitable surface in accordance with the Radmat specification. Overlaps must be torched. Side laps minimum 80mm. Head laps minimum 100mm.

Delivery Conditions

Delivery form Delivery form 25 rolls Radmat 370 RootSafe Black Mineral in vertical position, shrink-wrapped on a oneway pallet (80 x 120).

Storage and transport

Radmat 370 RootSafe Black Mineral must be stored stood on end on a smooth level and dry surface: temperature between 0 and 30°C; avoid direct sunlight Product identification Information on the roll: Product name. Dimensions. Approvals. Production date.

Product identification

Information on the roll: Product name. Dimensions. Approvals. Production date.

*Broof(t1) based on surface finishes complying with Commissions Decision 2000/553/EC, minimum 80mm deep MedO GM20, MedO GM30 or MedO GM40 growing medium or appropriate fire test conducted. Contact Radmat for details.

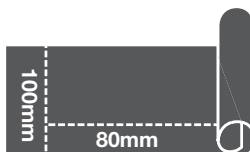
Packaging Application Guidance



System Options



Torch-on



Overlaps



370 RootSafe

Texsa Black Mineral

PRODUCT DESCRIPTION

Appearance top side	Mineral Granules
Reinforcement	Felt
Coating bottom side	APP modified bitumen
Appearance bottom side	PE Film

DECLARED PERFORMANCE ACCORDING TO EN 13707:2004 +A2:2009

Essential characteristics	Performance	Units	According to
Visible defects	Pass	-	EN 1850-1
Roll Length	8	m	EN 1848-1
Width	1	m	EN 1848-1
Straightness	Pass (<20mm/10m)	-	EN 1848-1
Mass per unit area	4.00 -5/+ 10%	kg/m ²	EN 1849-1
Effective thickness	3.5	mm	EN 1849-1
External fire performance	Broof(t1)*	-	ENV 1187
Reaction to fire	E	-	EN 13501 1:2002 (EN1ISO 11925-2)
Watertightness	Pass (10 kPa)	-	EN 1928(B)
Tensile strength MD	700 ± 200	N/50mm	EN 12311-1
Tensile strength CD	450 ± 150	N/50mm	EN 12311-1
Elongation MD	45 ± 15	%	EN 12311-1
Elongation CD	45 ± 15	%	EN 12311-1
Resistance to root penetration	Pass/Pass	-	EN 13948
Resistance to static loading	≥ 15	kg	EN 12730 (A)
Resistance to impact	≥ 1000	mm	EN 12691
Resistance to tearing (nail shank)	Not applicable	N	EN 12310-1
Peel resistance of joint	Not applicable	N/50mm	EN 12316-1
Shear resistance of joint	450 x 450 ± 150	N/50mm	EN 12317-1
Flexibility at low temperature	≤ -15	°C	EN 1109
Artificial ageing by long term exposure to elevated temperature EN 1296: flow resistance at elevated temperature	Not applicable	EN 1109/110	EN 1296 12 sem/weeks
Artificial ageing by long term exposure to the combination of UV radiation, elevated temperature and water	Not applicable	EN1850-1	EN 1297
Dangerous substances	NPD	-	-
Flow resistance at elevated temperature	≥ 120	°C	EN 1110
Dimensional stability	≤ 0.4	%	EN 1107-1
Adhesion of Granules	20(-20/+10)	%	EN 12039
Water vapour resistance	μ = 20.000	μ	EN 1931

*Broof(t1) based on surface finishes complying with Commissions Decision 2000/553/EC, minimum 80mm deep MedO GM20, MedO GM30 or MedO GM40 growing medium or appropriate fire test conducted. Contact Radmat for details.

This information given in good faith and is based on the latest knowledge available to Radmat Building products Ltd. Whilst every effort has been made to ensure that the contents of the publication are current while going to press, customers are advised that products, techniques and codes of practice are under constant review and liable to change without notice.

For further information on Radmat products and services please call **01858 410372**, email tech enquiries@radmat.com or visit our website www.radmat.com

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