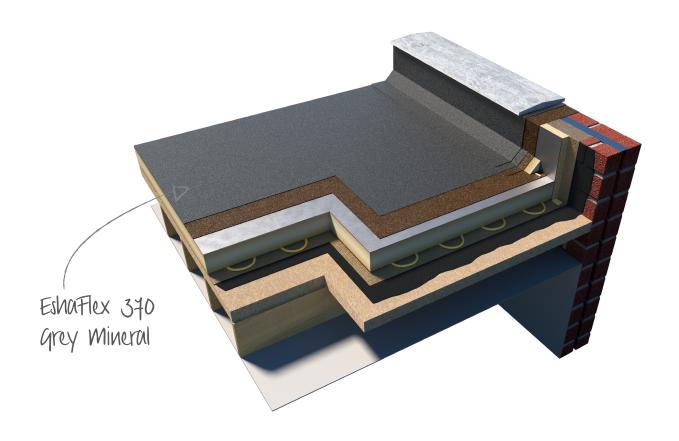


EshaFlex 370 Grey Mineral

Product Data Sheet



EshaFlex

370 Grey Mineral

General Information

EshaFlex 370 Grey mineral is a torch applied SBS modified bituminised polyester/fibreglass composite Cap sheet with a grey mineral finish for use in bituminous roofing systems.

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

Overlaps must be torched.

For all applicable roofing systems contact Radmat Building Products and see BBA certificate No. 15/5282.

For a comprehensive NBS J41 specification contact Radmat Building Products.

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 overlaps	End Overlaps
80mm	100mm

Delivery Conditions

Delivery form

20 rolls EshaFlex 370 Grey mineral in vertical position, shrink-wrapped on a one-way pallet (80×120).

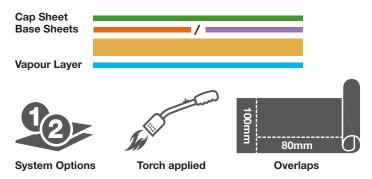
Storage and transport

EshaFlex 370 Grey mineral must be stored stood on end on a smooth level and dry surface: temperature between 10 and 40°C; avoid direct sunlight.

Product identification

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

Packaging Application Guidance







EshaFlex

370 Grey Mineral

Appearance top side Grey latic relippings with an overlap film	Product description			
Reinforcement	Appearance top side	Grey slate chippings with an overlap film		
Coating bottom side SBS modified bitumen Appearance bottom side Circoves and PE-Hm Declared performance according to EN 19707:2004 + A2:2009 Essential characteristics Peass - Visible defects Peass - Roll Length 7.5 m Width 1.0 m Straightness Peass - Mass per unit area 4.9 ± 10% kg/m² Effective thickness 4.5 ± 0.2 mm Effective thickness 4.5 ± 0.2 mm External fire performance NPD - External fire performance NPD - External fire performance NPD - Watertightness Peass ≥ 10 klPa Tensile strength MD 700 ± 20% N*50mm Tensile strength MD 700 ± 20% N*50mm Tensile strength MD 18 ± 15 % Elongation MD 18 ± 15 % Resistance to root penetration NPD - Resistance to static loading N	Coating top side	SBS modified bitumen		
Appearance bottom side Grooves and PE-film Declared performance according to EN 13707:2004 +A2:2009 Essential characteristics Performance Units Visible defects Pass - Roll Length 7.5 m Wicith 1.0 m Straightness Pass - Mass per unit area 4.9 ± 10% kg/m² Effective thickness 4.5 ± 0.2 mm External fire performance NPD - Reaction to fire Class F - Watertijktness Pass ≥ 10 kPa Tensile strength MD 700 ± 20% N/50mm Tensile strength CD 700 ± 20% N/50mm Tensile strength CD 25 ± 15 % Elongation CD 25 ± 15 % Resistance to root penetration NPD - Resistance to static loading NPD kg Resistance to tearing (nail shank) ≥ 200 N Peal resistance of joint NPD N/50mm Shear resistance as	Reinforcement	Polyester fleece, glass yarn-reinforced		
Declared performance according to EN 13707-2004 + A2:2009	Coating bottom side	SBS modified bitumen		
Performance	Appearance bottom side	Grooves and PE-film		
Visible defects	Declared performance according to EN 13707:2004 +A2:2009			
Roll Length 7.5	Essential characteristics	Performance	Units	
Width 1.0 m Straightness Pass - Mass per unit area 4.9 ± 10% kg/m² Effective thickness 4.5 ± 0.2 mm External fire performance NPD - Reaction to fire Class F - Watertightness Pass ≥ 10 kPa Tensile strength MD 700 ± 20% N/50mm Tensile strength CD 700 ± 20% N/50mm Elongation MD 18 ± 15 % Elongation CD 25 ± 15 % Resistance to root penetration NPD - Resistance to static loading NPD - Resistance to impact NPD mm Resistance to tearing (nail shank) ≥ 200 N Peel resistance of joint NPD N/50mm Shear resistance of joint NPD N/50mm Shear resistance of joint NPD N/50mm Shear resistance of joint NPD N/50mm Artificial ageing by long term exposure to elevated temperature EN 1296: flow resistance at	Visible defects	Pass	-	
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Effective thickness 4.5 ± 0.2 mm External fire performance NPD - Reaction to fire Class F - Watertightness Pass ≥ 10 kPa Tensile strength MD 700 ± 20% N/50mm Tensile strength CD 700 ± 20% N/50mm Elongation MD 18 ± 15 % Elongation CD 25 ± 16 % Resistance to root penetration NPD - Resistance to static loading NPD - Resistance to static loading NPD kg Resistance to tearing (nail shank) ≥ 200 N Peel resistance of joint NPD N/50mm Shear resistance of joint NPD N/50mm Shear resistance of joint NPD N/50mm Flexibility at low temperature ≤ -20 °C Artificial ageing by long term exposure to elevated temperature EN 1296: flow resistance at elevated temperature EN 1296: flow resistance at elevated temperature ≤ -10 °C Pow resistance at elevated temperature ≤ -10 °C <td< th=""><th>Straightness</th><th>Pass</th><th>-</th></td<>	Straightness	Pass	-	
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Reaction to fire	Effective thickness	4.5 ± 0.2	mm	
Watertightness Pass ≥ 10 kPa Tensile strength MD 700 ± 20% N/50mm Tensile strength CD 700 ± 20% N/50mm Elongation MD 18 ± 15 % Elongation CD 25 ± 15 % Resistance to root penetration NPD - Resistance to static loading NPD kg Resistance to impact NPD mm Resistance to tearing (nail shank) ≥ 200 N Peel resistance of joint NPD N/50mm Shear resistance of joint NPD N/50mm Shear resistance of joint NPD N/50mm Flexibility at low temperature ≤ -20 °C Artificial ageing by long term exposure to to elevated temperature EN 1298: flow resistance at elevated temperature and vater NPD - Artificial ageing by long term exposure to elevated temperature EN 1296: Flexibility at low temperature ≤ -10 °C Dangerous substances Complies - Artificial ageing by long term exposure to elevated temperature EN 1296: Flexibility at low temperature ≤ -10 °C <	External fire performance	NPD	-	
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Tensile strength CD	Watertightness	Pass	≥ 10 kPa	
Elongation MD	Tensile strength MD	700 ± 20%	N/50mm	
Elongation CD Resistance to root penetration Resistance to static loading Resistance to static loading Resistance to impact Resistance to tearing (nail shank) Resistance to tearing (nail shank) Peel resistance of joint NPD N/50mm Shear resistance of joint NPD N/50mm Shear resistance of joint NPD N/50mm Flexibility at low temperature ≤ -20 C Artificial ageing by long term exposure to the combination of UV radiation, elevated temperature and water Dangerous substances Complies - Artificial ageing by long term exposure to elevated temperature EN 1296: Flexibility at low temperature Elour En 1296: Flexibility at low temperature S -10 C - C - C - C - C - C - C - C - C - C	Tensile strength CD	700 ± 20%	N/50mm	
Resistance to root penetration NPD	Elongation MD	18 ± 15	%	
Resistance to static loading Resistance to impact Resistance to tearing (nail shank) Peel resistance of joint NPD N/50mm Shear resistance of joint NPD N/50mm Shear resistance of joint NPD N/50mm Flexibility at low temperature ≤ -20 °C Artificial ageing by long term exposure to elevated temperature EN 1296: flow resistance at elevated temperature Artificial ageing by long term exposure to the combination of UV radiation, elevated temperature and water Dangerous substances Complies	Elongation CD	25 ± 15	%	
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Resistance to tearing (nail shank) Peel resistance of joint NPD N/50mm Shear resistance of joint NPD N/50mm Flexibility at low temperature ≤ -20 Artificial ageing by long term exposure to elevated temperature EN 1296: flow resistance at elevated temperature EN 1296: Flexibility at low temperature EN 1296: Flexibility a	Resistance to static loading	NPD	kg	
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Shear resistance of joint NPD N/50mm Flexibility at low temperature ≤ -20 Artificial ageing by long term exposure to elevated temperature EN 1296: flow resistance at elevated temperature Artificial ageing by long term exposure to the combination of UV radiation, elevated temperature and water Dangerous substances Complies - Artificial ageing by long term exposure to the combination of UV radiation, elevated temperature and water Dangerous substances Complies - Artificial ageing by long term exposure to elevated temperature EN 1296: Flexibility at low temperature Flow resistance at elevated temperature ≥ 100 °C Dimensional stability Adhesion of Granules NPD - Complies - 30 %	Resistance to tearing (nail shank)	≥ 200	N	
Flexibility at low temperature ≤ -20 °C Artificial ageing by long term exposure to elevated temperature EN 1296: flow resistance at elevated temperature Artificial ageing by long term exposure to the combination of UV radiation, elevated temperature and water Dangerous substances Complies - Artificial ageing by long term exposure to elevated temperature EN 1296: Flexibility at low temperature Flow resistance at elevated temperature ≥ 100 °C Dimensional stability ≤ 0.3 % Adhesion of Granules 30 %	Peel resistance of joint	NPD	N/50mm	
Artificial ageing by long term exposure to elevated temperature EN 1296: flow resistance at elevated temperature Artificial ageing by long term exposure to the combination of UV radiation, elevated temperature and water Dangerous substances Artificial ageing by long term exposure to elevated temperature EN 1296: Flexibility at low temperature Flow resistance at elevated temperature Elow resistance at elevated temperature ≥ 100 °C Dimensional stability Adhesion of Granules o C o C o C o C o C o C o C o	Shear resistance of joint	NPD	N/50mm	
to elevated temperature EN 1296: flow resistance at elevated temperature Artificial ageing by long term exposure to the combination of UV radiation, elevated temperature and water Dangerous substances Complies - Artificial ageing by long term exposure to elevated temperature EN 1296: Flexibility at low temperature Flow resistance at elevated temperature ≥ 100 °C Dimensional stability △ 0.3 Adhesion of Granules	Flexibility at low temperature	≤ -20	°C	
the combination of UV radiation, elevated temperature and water Dangerous substances Artificial ageing by long term exposure to elevated temperature EN 1296: Flexibility at low temperature Flow resistance at elevated temperature ≥ 100 °C Dimensional stability ≥ 0.3 % Adhesion of Granules	to elevated temperature EN 1296: flow	≥90	°C	
Artificial ageing by long term exposure to elevated temperature EN 1296: Flexibility at low temperature ≤ -10 °C Flow resistance at elevated temperature ≥ 100 °C Dimensional stability ≤ 0.3 % Adhesion of Granules 30 %	the combination of UV radiation, elevated	NPD	-	
elevated temperature EN 1296: Flexibility at low temperature Flow resistance at elevated temperature ≥ 100 ©C Dimensional stability ≤ 0.3 % Adhesion of Granules 30 %	Dangerous substances	Complies	-	
Dimensional stability ≤ 0.3 % Adhesion of Granules 30 %	elevated temperature EN 1296: Flexibility at	≤ -10	°C	
Adhesion of Granules 30 %	Flow resistance at elevated temperature	≥ 100	°C	
, and so a diameter	Dimensional stability	≤ 0.3	%	
Water vapour resistance $\mu = 20.000$	Adhesion of Granules	30	%	
	Water vapour resistance	μ = 20.000	-	

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 techenquiries@radmat.com or visit our website www.radmat.com NOV 2019

