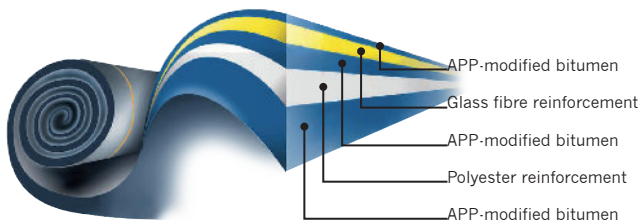


BIIG® REGULAR 446K14 (ANTI-ROOT)

DUAL REINFORCED ROOFING MEMBRANE

BIIG® AR is a high performance APP modified bitumen roofing membrane with a double reinforcement of glass fibre and non-woven polyester fleeces. BIIG® AR has anti-root chemicals added to the bitumen blend to make it resistant to roots enabling the product to be used in green roof applications. BIIG AR® combines a high softening point with low temperature flexibility. The placement of the glass fibre at the top of the membrane ensures maximum UV resistance, makes the membrane dimensionally stable, and provides a high puncture resistance. BIIG AR® has excellent fire resistance and achieves the standards in accordance with NEN6063 and EN1187 (1 + 2).



Applications

BIIG® AR can be successfully applied in a variety of applications in both new construction and refurbishment:

- » Loose-laid / ballasted
- » Partially bonded / adhered *
- » Fully bonded / adhered *
- » Mechanically attached

** Using the specially developed IIGO BIIG® TACK bituminous cold adhesive.*

The products can be applied by "The Roofers", a network of selected BIIG® approved roofing contractors.

Benefits

- » An expected lifespan in excess of 30 years.
- » Root resistant properties in accordance with NEN-EN 13948: 2007
- » Absolute dimensional stability: the glass fibre and polyester fleece reinforcement ensures that shrinkage and alligating are excluded.
- » Resistance to damage: the double reinforcement in



- the BIIG® membrane provides additional protection during application, foot traffic and following trades, and under extreme weather conditions such as hail.
- » Competitively priced in relation to the high performance qualities.
- » Excellent fire resistance.
- » 10 Years comprehensive insurance-backed guarantee (material plus labour) available through Allianz.

Product Certification

BIIG® AR has a proven track record in various countries throughout Northern Europe and has therefore achieved several approvals including KOMO / KIWA & BSB (The Netherlands), BBA (United Kingdom), MFPA (Germany), ETA, Environmental Certification and the European test for root penetration as detailed above.

Partner in sustainable roofs



BIIG® REGULAR 446K14 (ANTI-ROOT)

DUAL REINFORCED ROOFING MEMBRANE

Performance

BIIG® AR is available in Regular or HP versions (HP: High Performance).

The HP version comprises an extra strong polyester fleece in addition to the aforementioned characteristics.

Applications

- » Suitable for new build and refurbishment
- » Applicable to most standard substrates and insulation types and can also be used on inverted roofs
- » Applicable as one or two-layer systems
- » As well as being designed for use in green roofs, BIIG® AR HP is also ideally suited for use in parking decks, tunnels, bridges and underground car parks

	Unit	BIIG 4	BIIG 4 HP	BIIG 5	BIIG 5 HP
Thickness	mm (±0,2)	4	4	5	5
Width	m (±0.02)	1,10	1,10	1,10	1,10
Length	m (±0,02)	7,27	7,27	7,27	7,27
Surface	m ²	8	8	8	8
Weight	kg ±0,2	35	36	45	46
Rolls per pallet	Number	25	25	23	23
Reinforcements					
Polyester Fleece	g/m ² (±10%)	150	250	150	250
Glass Fibre	g/m ² (±10%)	55	55	55	55
Cold bending					
Absence of cracks on cylinder Ø 30 mm · 180 ° · 5 sec	°C	< -20	< -20	< -20	< -20
Tensile					
Longitudinal	N	>675	>1150	>675	>1150
Transversal	N	>650	>1150	>650	>1150
Elongation at break					
Longitudinal	%	>50	>55	>50	>55
Transversal	%	>50	>55	>50	>55
Tear Resistance					
Longitudinal	N	>200	>250	>200	>250
Transversal	N	>200	>250	>200	>250

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Partner in sustainable roofs

