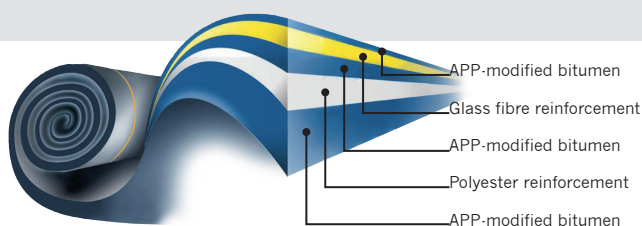


BIIG® NO FLAME 446K14

DUAL REINFORCED ROOFING MEMBRANE

BIIG® is a high performance APP modified bitumen roofing membrane with a double reinforcement of glass fibre and non-woven polyester fleeces. BIIG® 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® has excellent fire resistance and achieves the standards in accordance with NEN6063 and EN1187 (1 + 2).

BIIG NoFlame® is a variant of BIIG Regular® and has been designed so that the system can be applied using cold adhesives or mechanical fixings thus negating the risk associated with naked flames. The overlaps are then welded with hot air equipment to achieve a waterproof seal. This fulfills the requirements laid down in NEN 6050 "fireproof design and detail." The BIIG NoFlame® membrane is based on the latest TPO/APP compound. All details (perimeters, upstands, etc.) must be installed with the specially developed BIIG® membrane adhesive. BIIG® SA achieves an excellent bond due to the superior qualities of the adhesive cover layer. In combination with the special IIGO Fix SA primer, the membrane can be applied directly to most common substrates, even at low temperatures.



Applications

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

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

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

N.B. Perimeters and other details should be installed with BIIG® SA in combination with IIGO Fix primer.

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

Benefits

- » System can be installed in accordance with NEN 6050
- » No risk of developing fire
- » An expected lifespan in excess of 30 years.
- » Extreme resistance to the aging process: the inorganic glass fibre placed at the top of the membrane acts as barrier to UV rays.
- » 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.
- » Virtually maintenance free with only a simple annual inspection/normal roofing practice guidelines required



Partner in sustainable roofs



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Product Certification

BIIG® has a proven track record in various countries throughout Northern Europe and has therefore achieved several approvals including KOMO / KIWA & BSB Environmental Certification (The Netherlands), BBA (United Kingdom), MFPA (Germany), ETA (Denmark), SP/SITAC (Sweden).

Performance

BIIG® is available in standard 3mm or HP versions (HP: High Performance). The HP version comprises an extra

strong polyester fleece in addition to the aforementioned characteristics. BIIG® HP is therefore ideally suited for use in parking decks, tunnels, bridges and underground car parks.

Applications

- » Applied as a single-layer system
- » Suitable for new build and refurbishment
- » Applicable to most standard substrates and insulation types, and can also be used on inverted roofs

	Unit	BIIG® No Flame	BIIG® No Flame HP	BIIG® No Flame ZK
Thickness	mm (±0,2)	3	3	3,2
Width	m (±0.02)	1,1	1,1	1,1
Length	m (±0,02)	10	10	7,5
Surface	m2	11	11	8,25
Weight	kg ±0,2	37	41	27
Rolls per pallet	Aantal	25	25	15
Reinforcements				
Polyester Fleece	g/m2 (±10%)	150	250	150
Glass Fibre	g/m2 (±10%)	55	55	55
Cold bending				
Absence of cracks on cylinder Ø 30 mm·180 ° · 5 sec	°C	< -20	< -20	< -20
Tensile				
Longitudinal	N	>675	>1150	>675
Transversal	N	>650	>1150	>650
Elongation at break				
Longitudinal	%	>50	>55	>50
Transversal	%	>50	>55	>50
Tear Resistance				
Longitudinal	N	>200	>250	>200
Transversal	N	>200	>250	>200

IIGO SRL

Strada di Pietrara 54a
05100 Terni (TR)
Italia

Partner in sustainable roofs

