

SUREBOND DR 446K14

Description

SureBond DR is an high performance APP modified bitumen membrane with a double reinforcement of glass fibre and non-woven polyester. The upper surface has a plain finish with dotted talc and the lower surface has a thermofusible polyethylene (PE) film. A standard version as well as an HP version with superior performance characteristics are available.

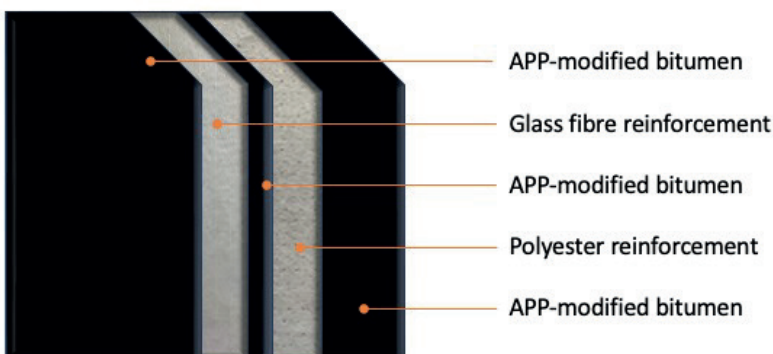
Application

SureBond DR is used as a top layer in a multi-layer roofing system or as a mechanically fastened single layer in both new build and renovation projects. SureBond DR can also be used for engineering projects.



Benefits

- ✔ The inorganic glass fibre placed at the top of the membrane provides excellent dimensional stability, heat and UV resistance
- ✔ The formulation of the APP compound provides a high softening point, low temperature flexibility and an anti-aging capacity with an expected lifespan in excess of 30 years
- ✔ The double reinforcement provides greater protection from foot traffic and following trades, and the impact of extreme weather conditions such as hail
- ✔ The HP version provides superior characteristics including tensile strength and tear resistance
- ✔ The asymmetrical position of the double reinforcements provides a greater bonding area of the under-side compared to traditional membranes
- ✔ Manufactured in accordance with ISO 9001:2015
- ✔ Fully accredited in the Netherlands by SGS INTRON under KOMO certificate number CTG-745/2
- ✔ A selection of compatible SureBond base layers and ancillary products are available depending on specification



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Performance

SureBond DR is available in three thicknesses: 3mm, 4mm and 5mm, in both standard and HP versions. The HP version comprises a superior polyester reinforcement over the standard version and ideally suited for use in parking decks, tunnels, bridges and underground car parks.

Typical Application Methods:

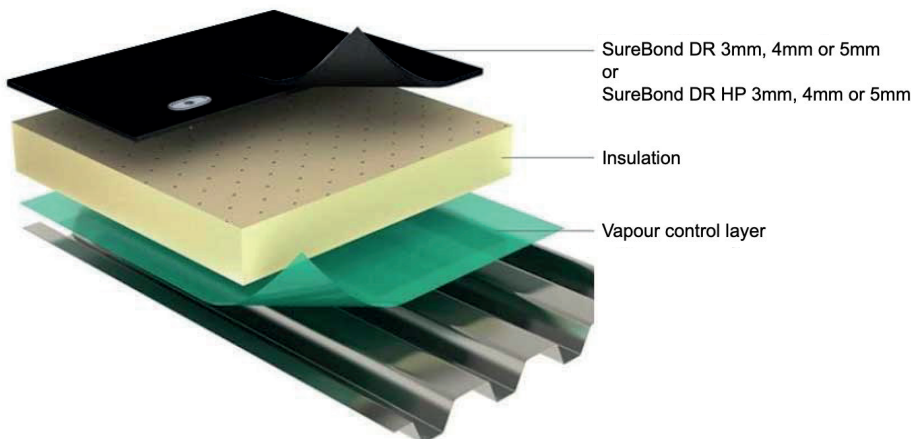
- ▶ Fully bonded
- ▶ Loose laid with ballast
- ▶ Mechanically attached
- ▶ Adhered in SureBond BCA*
 - * A specially developed bituminous cold adhesive

TECHNICAL DATA

	Unit	3mm	4mm	5mm	HP 3mm	HP 4mm	HP 5mm
Thickness	mm	3	4	5	3	4	5
Width	m	1,1	1,1	1,1	1,1	1,1	1,1
Length	m	10	7,27	7,27	10	7,27	7,27
Weight	kg/m ²	3,8	5,1	6,3	3,8	5,1	6,3
Roll Weight	kg	38	41	50	38	41	50
Tensile Strength L/T	N/5cm	700/600	700/600	700/600	1200/1000	1200/1000	1200/1000
Elongation L/T	%	50/50	50/50	50/50	55/55	55/55	55/55
Tear Resistance L/T	N	200/200	200/200	200/200	250/250	250/250	250/250
Dimensional Stability L/T	%	≤ 0,3	≤ 0,3	≤ 0,3	≤ 0,3	≤ 0,3	≤ 0,3
Cold Flexibility	°C	-15	-15	-15	-15	-15	-15
Flow Resistance	°C	130	130	130	130	130	130
Rolls per Pallet		25	25	25	25	23	23

*All data subject to normal tolerances

Example Specification



Complementary Products

- ▶ SureBond Mono Underlay
- ▶ SureBond TO Vapour Barrier
- ▶ SureBond Primer
- ▶ SureBond BCA