



PERFORMANCE SPECIFICATION

FAMOGREEN RET CU P5

Revised 01/

01/03

Famogreen RET CU P5 is a high-grade polymeric bitumen sheet with plasto-elastic properties. It is modified with age stabilizing amorphous polyalphaolefin (APAO). This patented membrane incorporates a root barrier, water retention system, drainage layer and waterproofing system all in one. This membrane provides the most lightweight and easily installed green roof system in the industry. Its advanced technology provides superior performance qualities in extensive green roofing systems.

Composition:

Inlay:	Special root protector, non-woven polyester with copper film
Bottom Side:	Meltable polyethylene film
Top:	Hydrogel encapsulated under a special non-woven polyester fleece
Roll Length:	7.5 m (24 ft 6 in)
Roll Width:	1.0 m (3 ft 3 in)
Roll Weight:	51.8 kg (114 lb)
Normal Thickness:	5.2 mm (208 mil)*
	*Hydrogel increases thickness
Quantity/pallet	20 rolls/pallet
	150 m ² (1,614 ft ²)

Technical Data:

Thickness:	5.2 mm (208 mil)*
	*Hydrogel increases thickness
Inlay:	Special root resistant polyester with copper film, having a unit weight of 350 g/m ² (10.3 oz/yd ²).
Tensile Strength:	MD: >800 N/5cm (90 lbf/in)
	XMD: >600 N/5cm (67 lbf/in)

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Elongation:	MD: >35%
	XMD: >35%
Low Temperature Flex:	<-20°C (-4°F)
Heat Stability:	>150°C (302°F)
Water Storage Capacity:	>3 ltr/m ² (>.8 gal/yd ²)
Transmissivity of Drainage Layer:	>17.5 gal/min/ft.
Asbestos Content, %:	Zero