

Comparative properties of different waterproofing materials are shown in Table 3.6

Table 3.6 Comparative properties of EPDM membrane versus other materials							
Properties	EPDM	Butyl	Poly-chloro-prene	PVC	PU	Modified bitumen	Bituminous build-up roofing
Dimensional stability	E	G	G	F	F	F	F
Resistance to:							
High temperature	E	G	F	P	F	P	P
Ozone	E	G	G	G	G	F	F
UV	E	G	G	F	G	F	G
Cold cracking	E	G	F	F	F	P	P
Weather	E	G	G	F	F	P	P
Acids and alkalies	E	G	E	G	F	NA	NA
Cost effectiveness	Less expensive	Very expensive	Very expensive	Expensive	Very expensive	Expensive	Expensive
E: Excellent G: Good F: Fair P: Poor							

Source: Polymers In Construcion, Guneri Akovali, Pg 85