

# FM SYSTEMS TEST RESULTS



## Rating

The rating stands for psf (pound per square foot). To achieve the EU value the rating (psf) must be converted to kPa. (kN /m2). By dividing kPa with the number of fasteners per m2 used in the test creates the EU characteristic value.

The EU design load is obtained by dividing the characteristic value by a safety factor of 1.5

## Max width (mm)

The maximum roofing membrane width indicates the limitation on how wide the roofing membrane can be for the system and therefore the FM project. The maximum roofing membrane width results from the used roofing membrane of the Wind uplift test at FM. Example: if you have a roofing membrane that has tested 1.5m wide at FM, you are not allowed to use a 2.0m membrane for the FM project.

## Do you need more info right away?

Please call our Technical Support Department at +31 492 597415

MEMBRANE		GUARDIAN			
PRODUCER	MEMBRANE	MAX WIDTH (MM)	FIXING	RATING	DESIGNLOAD EU
Imper	Sintofoil RC FR	2080	Guardian RB48	1-60	569
GAF	Everguard TPO	1520	Guardian RB48	1-135	904
FDT	Rhenofol CV	2050	Guardian RB48	1-75	706
FDT	Rhenofol CV	1500	Guardian SPA-8240	1-75	517
Renolit	Alkorplan F RC1	2010	Guardian RB48	1-60	579
Renolit	Alkorplan F RC1	1600	Guardian SPA-8240	1-90	655
Flag	Flagon EP/PR	2100	Guardian RB48	1-90	865
Flag	Flagon SR/SC	2100	Guardian RB48	1-75	724
Fatra	Fatrafol 810/V	2050	Guardian RB48	1-75	700
Fatra	Fatrafol 810/V	2050	Guardian SPA-8240	1-75	706
Fatra	Fatrafol 810/V	1020 (304 mm)	Guardian RB48	1-75	655
Sika	Sikaplan TM	2000	Guardian RB48	1-90	817
Sika	Sikaplan G	2000	Guardian RB48	1-75	688
Sika	Sikaplan G	1540	Guardian SPA-8240	1-75	527
Bauder	Thermoplan T	1500	Guardian RB48	1-105	713
Bauder	Thermofol U/M	1500	Guardian RB48	1-90	611
IKO	Armourplan T1	1500	Guardian RB48	1-75	506
Icopal	Cosmofin FG/R	2120	Guardian RB48	1-75	728
Firestone	Ultraply TPO	2000	Guardian RB48	1-90	803
Protan	Protan SE	2000	Guardian RB48	1-75	679
Protan	Protan SE	2000	Guardian SPA-8240	1-75	679
Protan	Protan SE	1000	Guardian RB48	1-90	824
Protan	Protan SE	1000	Guardian SPA-8240	1-90	824