

### CHEMICAL RESISTANCE\*

The following chart is a general guide to the resistance of CIM 1000 Membrane to various types of exposure. Although we believe this information to be reliable, C.I.M. Industries Inc. has no control over any particular application, installation, or exposure of CIM 1000 Membrane; and suitable tests should be carried out by the user.

Where chemical concentrations are listed, the designated rating applies to all concentrations up to and including the concentration indicated.

Except as indicated by a footnote, the maximum service temperature is 140F (60C) for continuous service.

Consult C.I.M. Industries for additional information regarding chemical resistance.

Acetic Acid, Glacial	S	Hydrogen Sulfide,	
Acetic Acid, 25%	R2	Vapor Over Sat. Solution	R
Acetic Acid, 10%	R	Methanol	R1
Ammonium Hydroxide, 50%	NR	Nitric Acid, 10%	R2
Ammonium Hydroxide, 10%	R2	Outdoor Exposure	R
Biological Oxidation Ponds	R	Phosphoric Acid, 10%	R
Chlorine,		Sewage Disposal Plant	
Saturated Solution in Water	R1	(Act. Sludge Sed. Tanks)	R
Citric Acid, 10%	R	Sodium Hydroxide, 10%	R
Copper Sulfate (Sat.)	R	Sodium Hydroxide, 50%	R1
Crude Oil	S	Sodium Hypochlorite, 15%	R
Diesel Fuel	S	Soil Burial	R
Ethylene Glycol		Sodium Silicate, 34%	R
(Antifreeze Solution)	R	Strawberry Juice	R
Ferric Chloride, 42%	R	Sulfuric Acid, 30% or less	R
Hydrochloric Acid, 10%	R2	Trisodium Phosphate, 10%	R
Hydrofluoric Acid, 10%	R2	Water, Fresh	R
Hydrogen Sulfide,		Water, Potable	R
Saturated Solution in Water	R	Water, Salt	R
		Wine (for floor protection)	R

**Footnote:**

- R Suitable for continuous immersion.
- S Suitable for splash and spillage conditions.
- R1 Maximum service temperature limited to 80F.
- R2 Maximum service temperature limited to 120F.
- NR Not recommended for this service.

Information presented here is believed to be accurate, but it is not to be construed as a guarantee of minimum performance. Test performance results are obtained in a controlled laboratory environment under procedures that may not represent actual operating environments.

THE INFORMATION PRESENTED IN THIS DOCUMENT IS SUBJECT TO CHANGE WITHOUT NOTICE.

CONTACT C.I.M. INDUSTRIES FOR CURRENT INFORMATION.

**FOR PROFESSIONAL/INDUSTRIAL USE ONLY.**



# CIM 1000

## COMMERCIAL INDUSTRIAL MEMBRANE

### COVERAGE CHART — MIXED GALLONS

Dry Thickness (mils)	Wet Thickness (mils)	Gal/SF	SF/Gal	Dry Thickness (mils)	Wet Thickness (mils)	Gal/SF	SF/Gal
20	23	0.014	71	18	20	0.012	80
25	28	0.018	57	22	25	0.016	64
30	34	0.021	47	26	30	0.019	53
35	40	0.025	40	31	35	0.022	46
40	45	0.028	35	35	40	0.025	40
45	51	0.032	31	40	45	0.028	36
50	57	0.035	28	44	50	0.031	32
55	62	0.039	26	48	55	0.034	29
60	68	0.042	24	53	60	0.037	27
65	74	0.046	22	57	65	0.041	25
70	79	0.050	20	62	70	0.044	23
75	85	0.053	19	66	75	0.047	21
80	91	0.057	18	70	80	0.050	20
85	96	0.060	17	75	85	0.053	19
90	102	0.064	16	79	90	0.056	18
95	108	0.067	15	84	95	0.059	17
100	114	0.071	14	88	100	0.062	16
105	119	0.074	13	92	105	0.065	15
110	125	0.078	13	97	110	0.069	15
115	131	0.081	12	101	115	0.072	14
120	136	0.085	12	106	120	0.075	13
125	142	0.088	11	110	125	0.078	13

#### COVERAGE FORMULAS

$$\text{Gallons Required} = \frac{\text{Theoretical Wet Film Thickness (Mils)} \times \text{Sq.Ft. To Be Covered}}{1604} = \frac{\text{Theoretical Dry Film Thickness (Mils)} \times \text{Sq.Ft. To Be Covered}}{1413}$$

1 MIL = .001 of an inch

**Coverages are theoretical and do not account for waste, spillage, irregular surfaces, or application technique.**

#### BONDING AGENT

Porous Surface      1 gallon = 300 sq.ft. or .00333 gal/sq.ft.  
 Non Porous Surface    1 gallon = 600 sq.ft. or .00166 gal/sq.ft.

