



CIM 2000

HIGH PERFORMANCE COATINGS AND LININGS

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.

CHEMICAL RESISTANCE

The following chart is a general guide to the resistance of CIM 2000 coating 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 2000 coating; 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.

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

| | | | |
|--|---|-----------------------------|-----------|
| Acetic Acid, Glacial, 100% | S | Hydrogen Peroxide, 50% | S |
| Acetic Acid, 10% | S | Methanol | S |
| Ammonium Hydroxide, 10% | R | Nitric Acid | S (Stain) |
| Ammonium Hydroxide, 50% | S | Outdoor Exposure, 10% | R |
| Biological Oxidation Ponds | S | Phosphoric Acid, 30% | R |
| Chlorine and Chloramine (in water solution) | R | Phosphoric Acid, 85% | NR |
| Citric Acid, 10% | R | Sodium Hydroxide, 50% | R |
| Crude Oil | S | Sodium Hypochlorite, 15% | R |
| Diesel Fuel | S | Soil Burial | R |
| Ethylene Glycol (Antifreeze Solution) | R | Sodium Silicate, 34% | R |
| Hydrochloric Acid, 10% | S | Strawberry Juice | R (Stain) |
| Hydrofluoric Acid, 10% | S | Sulfuric Acid, 30% | R |
| Hydrofluosilicic Acid, 23% | R | Trisodium Phosphate, 10% | R |
| | | Water, Salt | R |
| | | Wine (for floor protection) | R (Stain) |

Footnote:

- R Suitable for continuous immersion.
- S Suitable for splash and spillage conditions.
- NR Not Recommended.
- ND No testing data available at this time.

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

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

FOR PROFESSIONAL USE ONLY.



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COVERAGE CHART — MIXED GALLONS & UNITS

| Dry Thickness (mils) | Wet Thickness (mils) | Gal/SF | SF/Gal | Dry Thickness (mm) | Wet Thickness (mm) | Gal per Sq M | Sq M per Gal | Units per Sq M | Sq M per Unit |
|----------------------|----------------------|--------|--------|--------------------|--------------------|--------------|--------------|----------------|---------------|
| 20 | 20 | 0.012 | 80 | 0.25 | 0.25 | 0.066 | 15.14 | 0.017 | 60.56 |
| 25 | 25 | 0.016 | 64 | 0.50 | 0.50 | 0.132 | 7.57 | 0.033 | 30.28 |
| 30 | 30 | 0.019 | 53 | 0.75 | 0.75 | 0.198 | 5.05 | 0.050 | 20.19 |
| 35 | 35 | 0.022 | 46 | 1.00 | 1.00 | 0.264 | 3.79 | 0.066 | 15.14 |
| 40 | 40 | 0.025 | 40 | 1.25 | 1.25 | 0.333 | 3.03 | 0.083 | 12.11 |
| 45 | 45 | 0.028 | 36 | 1.50 | 1.50 | 0.396 | 2.52 | 0.099 | 10.09 |
| 50 | 50 | 0.031 | 32 | 1.75 | 1.75 | 0.462 | 2.16 | 0.116 | 8.65 |
| 55 | 55 | 0.034 | 29 | 2.00 | 2.00 | 0.528 | 1.89 | 0.132 | 7.57 |
| 60 | 60 | 0.037 | 27 | 2.25 | 2.25 | 0.594 | 1.68 | 0.149 | 6.73 |
| 65 | 65 | 0.041 | 25 | 2.50 | 2.50 | 0.666 | 1.51 | 0.165 | 6.06 |
| 70 | 70 | 0.044 | 23 | 2.75 | 2.75 | 0.727 | 1.38 | 0.182 | 5.51 |
| 75 | 75 | 0.047 | 21 | 3.00 | 3.00 | 0.793 | 1.26 | 0.198 | 5.05 |
| 80 | 80 | 0.05 | 20 | 3.25 | 3.25 | 0.859 | 1.16 | 0.215 | 4.66 |
| 85 | 85 | 0.053 | 19 | 3.50 | 3.50 | 0.925 | 1.08 | 0.231 | 4.33 |
| 90 | 90 | 0.056 | 18 | 3.75 | 3.75 | 0.991 | 1.01 | 0.248 | 4.04 |
| 95 | 95 | 0.059 | 17 | 4.00 | 4.00 | 1.057 | 0.95 | 0.264 | 3.79 |
| 100 | 100 | 0.062 | 16 | 4.25 | 4.25 | 1.123 | 0.89 | 0.281 | 3.56 |
| 105 | 105 | 0.065 | 15 | 4.50 | 4.50 | 1.189 | 0.84 | 0.297 | 3.36 |
| 110 | 110 | 0.069 | 15 | 4.75 | 4.75 | 1.255 | 0.80 | 0.314 | 3.19 |
| 115 | 115 | 0.072 | 14 | 5.00 | 5.00 | 1.321 | 0.76 | 0.333 | 3.03 |
| 120 | 120 | 0.075 | 13 | 5.25 | 5.25 | 1.387 | 0.72 | 0.347 | 2.88 |
| 125 | 125 | 0.078 | 13 | 5.50 | 5.50 | 1.453 | 0.69 | 0.363 | 2.75 |

COVERAGE FORMULAS

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

1 MIL = .001 of an inch

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

CIM BONDING AGENT

Porous Surface 1 gallon = 300 sq.ft. (0.00333 gal/sq.ft.) or 28 sq. meters (0.03588 gal/sq. m)
 Non Porous Surface 1 gallon = 600 sq.ft. (0.00166 gal/sq.ft.) or 56 sq. meters (0.01794 gal/sq. m)

