

## Chemical/Environmental Resistance Table

Rigid-Lock QuickBerm®, Angle Bracket QuickBerm®, QuickBerm® with Inside Supports, Mini-Berm Flex Tray, and Water-Filled Drain Cover Models

### Exposure Ratings in Containment Applications

| Exposure                       | Rating | Exposure                              | Rating | Exposure               | Rating | Exposure                  | Rating |
|--------------------------------|--------|---------------------------------------|--------|------------------------|--------|---------------------------|--------|
| AFF                            | B      | Ethanol                               | T      | Jet                    | A      | Potassium Sulfate         | A      |
| Acetic Acid (5%)               | C      | Ethyl Acetate                         | C      | JP-4 Jet Fuel          | A      | Raw Linseed Oil           | T      |
| Acetic Acid (50%)              | C      | Ethyl Alcohol                         | A      | JP-5 Jet Fuel          | A      | SAE-30 Oil                | T      |
| Ammonium Phosphate             | A      | Fertilizer Solution                   | T      | Kerosene               | A      | Salt Water (25%)          | T      |
| Ammonium Sulfate               | A      | #2 Fuel Oil                           | A      | Magnesium Chloride     | A      | Sea Water                 | A      |
| Antifreeze (ethylene glycol)   | A      | #6 Fuel Oil                           | A      | Magnesium Hydroxide    | A      | Sodium Acetate Solutions  | B      |
| Animal Oil                     | T      | Furfural                              | C      | Methanol               | A      | Sodium Bisulfite Solution | B      |
| Aqua Regia (80%)               | B      | Gasoline                              | C      | Methyl Alcohol         | A      | Sodium Hydroxide (60%)    | A      |
| ASTM Fuel A (100% Iso-octane)  | C      | Glycerin                              | A      | Methyl Ethyl Ketone    | C      | Sodium Phosphate          | A      |
| ASTM Oil #2 (Flash pt. 240° C) | A      | Hydraulic Fluid- Petroleum Based      | A      | Mineral Spirits        | T      | Sulfuric Acid (50%)       | A      |
| ASTM Oil #3                    | B      | Hydraulic Fluid-Phosphate Ester Based | C      | Naphtha                | B      | 50% Tannic Acid           | A      |
| Benzene                        | B      | Hydrocarbon Type II (40% Aromatic)    | C      | Nitric Acid (20%)      | A      | Toluene                   | C      |
| Calcium Chloride Solutions     | A      | Hydrochloric Acid (20%)               | B      | Nitric Acid (50%)      | B      | Transformer Oil           | T      |
| Calcium Hydroxide              | A      | Hydrofluoric Acid (100%)              | B      | Perchloroethylene      | B      | Turpentine                | B      |
| 20% Chlorine Solution          | T      | Hydrofluoric Acid (50%)               | A      | Phenol                 | C      | Urea Formaldehyde         | T      |
| Bleach                         | A      | Hydrofluosilicic Acid (30%)           | A      | Phenol Formaldehyde    | X      | UAN                       | A      |
| Conc. Ammonium Hydroxide       | A      | Isopropyl Alcohol                     | T      | Phosphoric Acid (50%)  | B      | Vegetable Oil             | A      |
| Corn Oil                       | T      | Ivory Soap                            | A      | Phosphoric Acid (100%) | C      | Water (120°F)             | A      |
| Crude Oil                      | 10 Day |                                       |        | Phthalate Plasticizer  | T      | Xylene                    | C      |
| Diesel Fuel                    | 10 Day |                                       |        | Potassium Chloride     | A      | Zinc Chloride             | A      |

### Rating Key



**A=** Fluid has little to no effect



**T=** No data, likely to be acceptable



**B=** Fluid has minor to moderate effect



**X=** No data, not likely to be acceptable



**C=** Fluid has severe effect

**Qty day** = # of days before material begins to degrade and permeate fluid

**For further information call 1-866-242-4368 or visit us online at [BasicConcepts.com](http://BasicConcepts.com)**

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