

# Hydrotech<sup>®</sup> Monolithic Membrane 7800



BUILDING TRUST



formerly known as Monolithic Membrane 7800

## GENERAL DESCRIPTION

Monolithic Membrane 7800 (MM7800) is a single component rubberized asphalt which dries to form a tough, flexible, highly elastomeric, waterproof coating. MM7800 is fully compliant with all current V.O.C. regulations.

## BASIC USE

MM7800 is intended for use as a waterproofing membrane on concrete structures in exterior, below-grade, vertical applications such as foundation walls and tunnels. MM7800 is typically installed in a standard application to a wet film thickness of 60 mils. MM7800 is to be installed as a fabric reinforced assembly (MM7800-FR) for extremely rough concrete surfaces, retrofit applications, and concrete block (CMU) walls or as otherwise directed by Hydrotech.



## LIMITATIONS

- MM7800 is not intended to be used as an exposed or traffic bearing membrane.
- Do not install MM7800 over lightweight concrete without prior written approval from Hydrotech.
- MM7800 may be applied in temperatures as low as 0° F. However, for applications below 40° F, the material may become somewhat more difficult to work with. Keeping the material warm, until just prior to use, will aid workability of the material.

## PACKAGING

MM7800 is packaged in both 5 gallon pails and 55 gallon drums. Each pail weighs approximately 45 pounds and each drum weighs approximately 475 pounds. For the standard assembly, MM 7800 (trowel grade) is typically applied to a wet film thickness of 60 mils at a rate of approximately 5 gallons per 100 square feet. MM7800-FR consists of a coat of membrane at 3 gallons per 100 square feet (approximately 48 mils), a reinforcing fabric embedded into it followed by a second coat of membrane applied at 3 gallons per 100 square feet.

## TECHNICAL DATA

| PROPERTY                               | TEST METHOD | RESULTS                                  |
|--|-------------|--|
| COLOR                                  |             | Black                                    |
| ELONGATION (%)                         | ASTM D412   | 700                                      |
| TENSILE STRENGTH (psi)                 | ASTM D412   | 400                                      |
| HARDNESS (Shore A)                     | ASTM D2240  | 55                                       |
| WATER VAPOR PERFORMANCE (metric perms) | ASTM E96    | 0.25                                     |
| SOLIDS CONTENT (%)                     |             | Trowel: 65                               |
| SHELF LIFE                             |             | Indefinite sealed                        |
| POT LIFE (upon opening)                |             | 2-7 days depending on ambient conditions |
| DRY TIME                               |             | Initial: 12 hours<br>Fully: 60 hours     |

**LEED® INFORMATION**

|                                | Credit 4 | Credit 5  |
|--------------------------------|----------|-----------|
| Recycled Content (% by weight) | 0        |           |
| Manufacture Location           |          | Clark, NJ |
| Extraction/Harvesting Location |          | Clark, NJ |

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