

MEL-DRAIN™ TOTAL-DRAIN

Prefabricated Geocomposite Drain System



MEL-DRAIN TOTAL-DRAIN is a two-part, prefabricated geocomposite drain consisting of a formed 24" high HIPS (high-impact polystyrene) core covered on one side with a non-woven, needle-punched polypropylene filter fabric. The top section is 12" of $\frac{7}{16}$ " thick core for water collection. The bottom section is 12" of 1" thick core for water collection and horizontal water flow to designated exits. The fabric allows water to pass into the drain core while restricting the movement of soil particles. The core allows the water to flow to designated drainage exits. Full-coverage protection is provided to waterproofing materials.

The **MEL-DRAIN TOTAL-DRAIN** system combines any regular **MEL-DRAIN** sheet drain section with the unique **TOTAL-DRAIN** section. In the **TOTAL-DRAIN** system, the regular sheet drain performs its normal function of water collection, while the **TOTAL-DRAIN** section provides both water collection and a high-profile section for water flow to the designed drainage exits. The **TOTAL-DRAIN** system provides three advantages over the use of perforated pipe:

- The high-profile flow section has a larger open area than does perforated pipe to accept high flows from the sheet drain and surrounding soil.
- The **TOTAL-DRAIN** section, with its manufactured transition between sheet drain and high-profile section, provides a secure flow path, which is not dependent on field installation.
- The system is fast and easy to install. Eliminates select backfill required to give perforated pipe strength. Standard connectors and corner guards are available.

TOTAL-DRAIN works with any **MEL-ROL®** drainage product.

For more information, samples or literature, visit www.wrmeadows.com or call 1-800-342-5976.

Features/Benefits

- Replaces pipe and stone perimeter drain systems
- High collection and flow capacity
- Secure flow path eliminates water exit and re-entry
- Eliminates hydrostatic pressure due to perimeter drain inefficiencies
- Enhances system performance
- No slope required

Product Advantages

- Engineered for predictable performance
- Not dependent on skilled labor/installation
- Reduced clogging
- Strong and durable
- Protects membrane and enhances membrane performance
- Reduced excavation, transportation, heavy equipment and labor costs

Fittings and Accessories

- Easy to install
- Simple inspection
- Connects to standard 4" pipe
- Transitions collected water to designated exits



W. R. MEADOWS
SEALTIGHT

QUALITY...SERVICE...
INTEGRITY...SINCE 1926

