

# PROTECTO DRAIN 2000

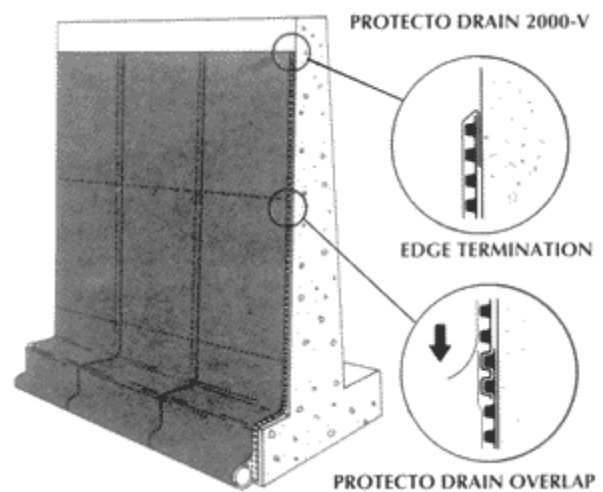
## Prefabricated Drainage Systems

### DESCRIPTION:

Protecto Drain 2000-V and 2000-H are prefabricated, high compression, dimpled drainage boards which have been specifically designed for single sided sub-surface drainage. The light weight construction allows excellent conformability to a wide variety of applications where space and construction constraints may otherwise exclude traditional aggregate systems. The geotextile fabric on the front allows water to seep between the raised dimples and flow to the footing out flow pipe or deck drain for removal. The fabric also maintains the open area between the dimples from clogging with dirt, silt or other elements that could lower the flow rate. Protecto Drain 2000 reduces hydrostatic pressure and conveys ground water away from the structure while acting as both a drainage board and protection board for Jiffy Seal reinforced waterproofing membrane. Applications range from vertical foundations or retaining walls to very complex plaza decks and high water table installations. The dimples interlock for ease of application as well as to form a continuous drainage-protection course over the entire substrate. Protecto Drain 2000 offers the design professional a modern and cost effective drainage alternative to the conventional aggregate drainage systems.

### ADVANTAGES:

- Reduces Hydrostatic Pressure
- High Compressive Strength
- High Flow Rates
- Inert - Inorganic - Will not rot or decay when covered
- Positive Drainage, no guess work, no mess as with conventional aggregate systems
- Ease of application, minimizes labor
- Performs as both a drainage system and a protection board for Jiffy Seal Waterproofing Systems.
- One source warranties - both waterproofing and protection-drainage board guaranteed by Protecto Wrap Company.
- Competitively Priced
- Interlocking dimples turn panels into continuous drainage-protection course.
- Wearing Course/Backfill can be place immediately after installation.
- Compatible with Protecto Wrap Company's Jiffy Seal Waterproofing System.



### PRODUCT USE:

Protecto Drain 2000-V is designed for vertical applications. Installations include:

- ICF (insulating concrete form) basement walls
- Foundations/Basement walls
- Retaining Walls
- Bridge Abutments

After application of either an approved waterproofing membrane or a liquid waterproofing compound, unroll the Protecto Drain 2000-V and place against the surface with the flat side of the panel facing the wall. Attach to the Jiffy Seal waterproofing membrane using mastic, two-sided tape etc. To interlock panels, peel back the non-woven fabric approximately three inches and press at least two rows of exposed dimples into the dimples of the adjoining panel. At the base of the system position Protecto Drain 2000-V in a manner so that the core is placed behind the perimeter drain and the excess fabric covers the pipe. Backfill as soon as possible.

NOTE: Protecto Drain 2000-V acts as both a drainage board and a protection course for Jiffy Seal Waterproofing Membranes.

### Packaging

Protecto Drain 2000 is available in rolls 4' x 52' (208 square feet).

Specifications: PROTECTO DRAIN PRODUCT 2000-V:

Standard Sizes	Value	Test Method
CompressiveStrength (psf)	18,000	ASTM D-1621
Flow Rate (gal/ft-width)	15	ASTM D-4716
Thickness (inches)	.38	ASTM D-1777
WOVEN FABRIC		
Tensile Strength (lbs.)	100	ASTM D-4632
NONWOVEN FABRIC		
Burst Strength (lbs.)	240	ASTM D-3786
Permeability (cm/sec)	.2	ASTM D-4491
AOS/EOS (US Std. Sieve)	70+	CW-02215

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