



5550 DRAINBOARD

Protecto Wrap SafSeal Systems 5550-V and 5550-H Drainboard are prefabricated, high-compression, dimpled drainage boards which have been specifically designed for single-sided sub-surface drainage. The light weight construction allows 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. SafSeal 5550 Drainboard reduces hydrostatic pressure and conveys ground water away from the structure while acting as both a drainage board and protection board for SafSeal 6660 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. SafSeal 5550 Drainboard offers the design professional a modern and cost effective drainage alternative to the conventional aggregate drainage systems.

- 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 SafSeal Waterproofing Systems.
- One source warranties, both waterproofing and protection-drainage board guaranteed by SafSeal Systems.
- Competitively Priced.
- Interlocking dimples turn panels into continuous drainage protection course.
- Wearing course/backfill can be placed immediately after installation.

SAFSEAL 5550-V DRAINBOARD VERTICAL APPLICATION

Installations include:

- Foundations/Basement Walls
- Retaining Walls
- Bridge Abutments
- Shoring, Lagging
- Earthen Berms
- Planter Boxes
- Behind Shot Crete

After installation of SafSeal 6660/7760 Waterproofing Membrane, unroll the SafSeal 5550-V Drainboard and place against the surface with the flat side of the panel facing the wall. Attach to the SafSeal Waterproofing Membrane using mastic, two-sided tape, or other approved fastening device. To interlock the 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 SafSeal 5550-V Drainboard 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: SafSeal 5550-V Drainboard acts as both a drainage board and a protection course for SafSeal Waterproofing Membranes.

SAFSEAL 5550-H DRAINBOARD HORIZONTAL APPLICATION

Installations include:

- Plaza Decks (Split Slab)
- Beneath Pavers
- Parking Structures
- Earth Shelter Houses

Begin laying SafSeal 5550-H Drainboard from the low side of the deck to the high side or lay from the drain out. SafSeal 5550-H Drainboard placed over SafSeal 6660/7760 not only augments

the waterproofing function but also protects the membrane from damage. At the borders of the system, tuck the excess fabric under the edge of the panels. If Re-bar chairs or supports are

used, they must be placed on the plates to better distribute the load. SafSeal 5550-H Drainboard may be covered with the final wearing course immediately after installation.

PACKAGING

SafSeal 5550 Drainboard is available in rolls 4' x 52' (208 square feet).

TECHNICAL SPECIFICATIONS

SAFSEAL 5550-V DRAINBOARD PRODUCT

	Value	Test Method
Compressive Strength (psf)	15,000	ASTM D - 1621
Flow Rate (gal/ft-width)	15	ASTM D - 4718
Thickness (inches)	.38	ASTM D - 1777
<i>NONWOVEN FABRIC:</i>		
Tensile Strength (lbs.)	100	ASTM D - 4632
Burst Strength (lbs.)	240	ASTM D - 3786
Permeability (cm/sec)	.2	ASTM D - 4491
AOS/EOS (US Std. Sieve)	70+	CW - 02215

SAFSEAL 5550-H DRAINBOARD PRODUCT

	Value	Test Method
Compressive Strength (psf)	18,000	ASTM D - 1621
Flow Rate (gal/ft-width)	15	ASTM D - 4718
Thickness (inches)	.38	ASTM D - 1777
<i>WOVEN FABRIC:</i>		
Tensile Strength (lbs.)	400/250	ASTM D - 4832
Burst Strength (lbs.)	500	ASTM D - 3786
Permeability (cm/sec)	.02	ASTM D - 4491
AOS/EOS (US Std. Sieve)	70-100	CW - 02215

Take the guess work out of your waterproofing-drainage system needs. Come to the professionals at SafSeal Systems. For more information or questions, please contact SafSeal Systems.



Protecto Wrap SafSeal Systems

1955 S. Cherokee St. • Denver, CO 80223
(800) 898-4842 • FAX (303) 777-9273
www.protectowrap.com