

### THE VAPROSHIELD SYSTEMS APPROACH

VaproShield promotes a systems approach to building envelope design, incorporating Breathable Membranes for roofs and walls, Rain Screen Design Components and 3D Window Flashing Elements resulting in High Performance Building Envelope Systems.

Complete System of Breathable Membranes + Rain Screen Design Components + 3D Window Flashing Elements = High Performance Building Envelope Systems

### VaproCaps

VaproCaps are 1¼ inch diameter preformed head caps with a center throat hole, sealing the membrane at fastener penetration. They are designed and tested to withstand wind loads and protect against water intrusion at screw penetrations. VaproCaps are made of 100% virgin polypropylene with a carbon black UV inhibitor.

#### VaproCap Features:

- Low profile design
- High density, impact resistant, plastic plates will not rust, are thermal resistant and tough.
- Center-crossed choke hole creates tolerance fit when pre-assembled with properly sized bugle head screws (#6, #7, or #8).
- Unique, round shape design with the outside circumference tapered flat, evenly distributes bearing load without any sharp edges or corners.
- VaproCaps have a low profile design and when installed correctly with screws driven straight and to the proper depth, will firmly seat and seal around the fastener penetration.
- VaproCaps are required on all mechanically attached VaproShield Air Barrier systems.

#### Testing

VaproCaps have been tested to ASTM E331 on various substrates, with simulated wind driven rain loads of approximately 60 mph for a period of two hours with no leakage.

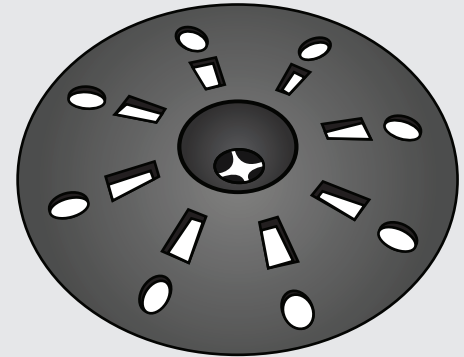
#### Specifications

Round 1¼" diameter plastic plate, .050" to .060" gauge thick - tapered

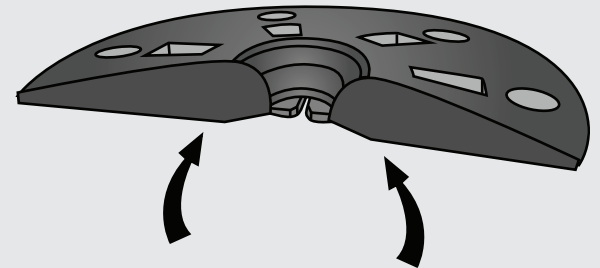
Designed to work with corrosion resistant bugle head screws (#6, #7, or #8)

Washer fasteners/screws must be driven straight and not over or under driven

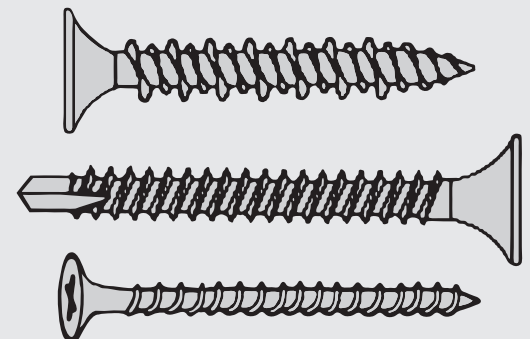
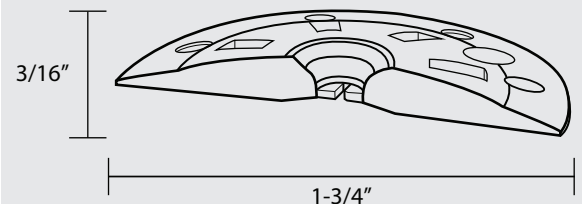
Contact [VaproShield](#) for fastener spacing recommendations.



VaproCaps are intended only for installation of mechanically attached VaproShield membranes.



Center cup pressure designed to seal around screw penetration.



Use only corrosion resistant bugle head screws (#6, #7, or #8).