

## The Added Benefits of J-Tear Protection

### GeoTough™ EPDM Geosynthetic Membrane

Carlisle SynTec Systems' GeoTough EPDM Membranes combine design flexibility, long-term durability and easy installation, making them an ideal choice for a variety of commercial applications. And amongst top competitors, Carlisle's GeoTough EPDM membranes are the only brand that will consistently give you the added benefit of J-Tear protection.



Competitor's EPDM Membrane      Carlisle's GeoTough EPDM Membrane

The J-Tear test is completed by the Carlisle SynTec Systems R&D Department in accordance with ASTM D-624, which is the Standard Test Method for Tear Strength of Conventional Vulcanized Rubber and Thermoplastic Elastomers.

When the J-Tear test is successful the sheet will tear in the direction of the cut for a short distance and then it will change direction and attempt to curve back on itself — as it does with the GeoTough EPDM membrane.

This direction change is important during the membrane installation process. As the installer works around protrusions, the J-tear stops the membrane from tearing as they install the sheet. Or, as you can see with the competitor's membrane, the tear will continue down the length of the membrane.



SCAN HERE  
TO WATCH THE  
J-TEAR TEST  
COMPARISON  
VIDEO

### ABOUT CARLISLE SYNTEC SYSTEMS

Carlisle SynTec Systems, headquartered in Carlisle, PA, has been manufacturing single-ply EPDM membranes for more than half a century. With long term aesthetics, durability and flexibility, Carlisle's GeoTough EPDM membranes provide a high-performance, eco-friendly option for virtually any commercial, containment or stormwater application. Backed by Carlisle's proven track record of quality, innovation and technical expertise, GeoTough EPDM membranes provide you with peace of mind, knowing your investment will be protected for years to come.

