

# Self Expanding Cork

## Description:

**SE Cork Type III** fillers are an exclusive formulation, produced from clean select granulated cork particles bonded together securely with a synthetic resin. The product expands upon exposure to moisture and weather to develop an interference pressure seal within the concrete joint. **A 100% ecological product meeting the requirements to protect and conserve the environment.**



**SE Cork Type III** is highly resilient, can be compressed down to 50% of its original thickness and recovers up to a minimum 90%. A natural product with excellent flexibility, allowing the material to withstand continuous strain without deteriorating, regardless of climatic conditions on the most critical application. It is unaffected by rodents, fungi, and bacteria.

## Use:

**SE Cork Type III** is suitable for filling expansion joints in areas such as irrigation canals, culverts, dams, reservoirs, sea walls, wastewater treatment plants, flood walls, spillways, filtration plants, bridges, swimming pools, subways and in numerous commercial and industrial applications. Recommended and compatible with most hot-pour and cold applied joint sealants.

## Storage:

**SE Cork Type III** requires proper handling and storage conditions. Factory packaging should not be opened until ready to install. Do not expose to rain or moisture after opening. SE Cork Type III will not prematurely expand under normal atmospheric conditions.

## Specifications met by SE Cork

### Type III:

- ASTM D-1752, Type III
- Fed. Spec. HH-F341F Type III, Class B
- AASHTO M 153, Type III
- Corps of Engineers Spec. CRD-C-509, Type III

Self Expanding Cork	
Classification	ASTM D 1752, Type III
Testing Method	ASTM D 545 ASTM D 1752-84
Stress at 50% Compression (daN/cm <sup>2</sup> )	27
Recovery after 50% compression (%)	94%
Extrusion at 50% compression (mm)	0,5 (mm)
Expansion in Boiling in Water (1 hour)	143%
Boiling in HCL (1 hour)	No Disintegration
Temperature Resistance	-40°C to 150°C

SECork Packaging	
<b>Sheet Size Thickness* Width (Height)* Length of Pieces</b>	<b>2' by 3' 1/4", 3/8", 1/2", 3/4", 1" 2" to 24" 3'</b>
* Some exceptions apply. Custom widths available, please inquire about availability and lead times.	