

## Expansionthene PW Fillerboards

### Description

Expansionthene PW Heavy Duty fillerboard is a high performance fillerboard manufactured from a high density, non-absorbant, semi-rigid heat laminated, closed cell, cross linked polyethylene foam. The board is rot proof, non extruding has a low load transfer across the joint and forms a bond breaker for the joint sealant. Expansionthene PW heavy duty has a high recoverability following 50% compression with recovery being better than 98% after compression and immediate release.

### Physical Properties

Density:	65 kg/m <sup>3</sup>
Water Absorption:	0.6%
Flammability:	FMVSS 302 Burn Rate less than 100mm/min
Tensile strength:	470KN/m <sup>2</sup>
Elongation at break:	110%
Tear strength:	(25mm) 85N
Compressive strength:	25% 68KN/m <sup>2</sup> 50% 154KN/m <sup>2</sup>
Recovery:	Greater than 98% following 50% compression and immediate release.

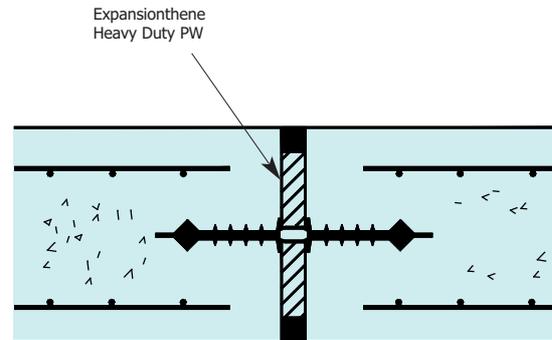
### Uses

Expansionthene PW heavy duty should be used as an expansion joint fillerboard in all concrete reservoirs, water treatment works, pumping stations, sewage treatment works, and other structures where load bearing characteristics are required.

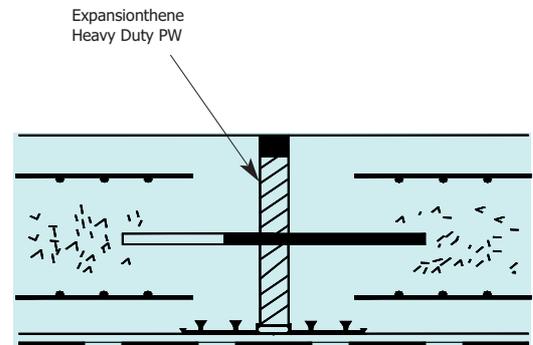
### Sizes

Thickness: 12mm, 20mm, 25mm.  
Sheet size: 2.2m x 1.5m.

**WRC** approved for use in contact with drinking water.  
Certificate No.9110505.



Water retaining structure floor expansion joint



Water retaining structure wall expansion joint

