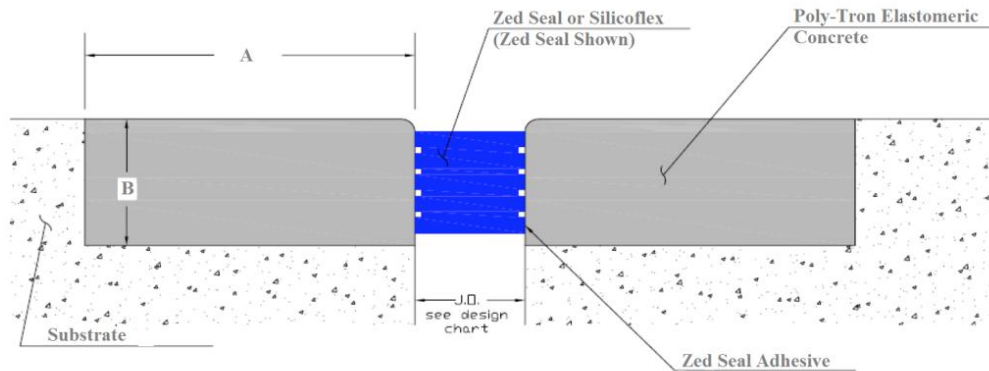




Poly-Tron Elastomeric Concrete Blockout Design Guide



Poly-Tron Elastomeric Concrete Bridge Joint Systems consists of Poly-Tron, a pourable elastomeric concrete nosing material and an R.J. Watson joint seal such as Zed Seal or Silicoflex. The following design table was developed to help determine the proper block out size ('A'-'B' dimensions) for the Poly-Tron nosing material. Please refer to the Zed Seal or Silicoflex technical data sheet for the Joint Seal design requirements. The Zed Seal or Silicoflex joint seal may continue up parapets or across the sidewalks with or without the Poly-Tron for a continuous waterproof seal.

Poly-Tron Block-Out Design Chart				
<i>For high volume, heavy traffic conditions</i>				
Poly-Tron Block-Outs	For Block-Outs in Concrete		For Block-Outs in Asphalt Concrete (B.C.) overlays. Poly-Tron Base must be on sound concrete	
	Jt. Gap inches (mm)	Block out Width "A" each side	Block out Depth "B" each side	Block out Width "A" each side
Up to 2" (50mm)	5" (125mm) min.	2 1/2" (64mm)	5" (125mm) min.	3" (76mm)
Up to 3" (76mm)	5 1/2" (140mm) min.	2 1/2" (64mm)	6" (140mm) min.	3" (76mm)
Up to 4" (100mm)	6" (152mm) min.	3" (76mm)	6" (152mm) min.	3 1/2" (89mm)
Up to 6" (150mm)	8" (200mm) min.	4" (100mm)	10" (254mm) min.	4" (100mm)

Notes:

- For low volume truck traffic or low speed areas you may reduce the blockout dimensions by 10%.
- Nosing materials shall not overhang the joint opening without prior approval from manufacture.
- Follow manufacturers installation instructions, including the on-site tech rep.