

**TB #45**  
**ASTM C920 Standard Specification**  
**for Elastomeric Joint Sealants Summary**

The Pecora Technical Data Sheets refer to ASTM C920 with regard to the performance characteristics and classification of elastomeric joint sealants. The ASTM C920 specification addresses the properties of a cured single or multi-component cold-applied elastomeric joint sealant for a variety of weatherproofing applications including vertical and horizontal joint conditions in buildings, plazas, parking structures, and various other construction types. The sealant manufacturer will determine the type, class, grade and uses based on the ASTM C920 requirements as noted below:

**ASTM C920 Classification of Sealants**

Type, Grade, Class or Use	Classification	Description
Type	S	Single component
	M	Multi-component
Grade	P	Pourable sealants (self-leveling)
	NS	Non-Sag sealants (gun grade)
Class	12 ½	Sealant that can withstand 12 ½% movement in both expansion and contraction
	25	Sealant that can withstand 25% movement in both expansion and contraction
	35	Sealant that can withstand 35% movement in both expansion and contraction
	50	Sealant that can withstand 50% movement in both expansion and contraction
	100/50	Sealant that can withstand 100% movement in expansion and 50% in contraction
Use	NT	Sealants for use in non-traffic applications
	T <sub>1</sub>	Sealants exhibiting a durometer hardness of not less than 25 for pedestrian/vehicular traffic applications
	T <sub>2</sub>	Sealants exhibiting a durometer hardness of less than 25 for pedestrian/vehicular traffic applications
	I	Sealants approved for use in continually immersed applications
	M	Sealants approved for use on mortar substrates
	G	Sealants approved for use on glass substrates
	A	Sealants approved for use on aluminum substrates
	O	Sealants approved for use on other than standard substrates

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