EUCLID CHEMICAL

Eucolastic Sealants: ASTM C 920

Standard Specification for Elastomeric Joint Sealants

ASTM C 920 is the Standard Specification for Elastomeric Joint Sealants that are cured single or multi-component, cold applied elastomeric sealants. The requirements involved in the testing and their meanings are described below.

ASTM C 920 Referenced Test Methods:

C 510	Test Method for Staining and Color Change of Single-or Multi-component Joint Sealants
C 639	Test Method for Rheological (Flow) Properties of Elastomeric Sealants
C 661	Test Method for Indentation Hardness of Elastomeric-Type Sealants by Means of a Durometer
C 679	Test Method for Tack-Free Time of Elastomeric Sealants
C 719	Test Method for Adhesion and Cohesion of Elastomeric Joint Sealants Under Cyclic Movement
C 793	Test Method for Effects of Accelerated Weathering on Elastomeric Joint Sealants
C 794	Test Method for Adhesion-in-Peel of Elastomeric Joint Sealants
C 1183	Test Method for Extrusion Rate of Elastomeric Sealants
C 1246	Test Method for Effects of Heat Aging on Weight Loss, Cracking and Chalking of Elastomeric Sealants
C 1247	Test Method for Durability of Sealants Exposed to Constant Immersion in Liquids

Type:	**Use:**	**Movement Capability Class:**
S – Single Component	T – Traffic	Class 100/50 – 100% expansion/50% compression
M – Multi-Component	NT – Non-traffic	Class 50 – 50% expansion/compression
	I –Immersed	Class 35 – 35% expansion/compression
Grade:	M – Mortar	Class 25 – 25% expansion/compression
NS – non-sag	G – Glass	Class 12.5 – 12.5% expansion/compression
P – Pourable	O – Other	

These test methods are used to determine ASTM C 920 reported values. The results are given as below:

The ASTM C 920 classifications for Euclid Chemical's Eucolastic sealants are as follows:

Eucolastic 1NS   Type S, Grade NS, Class 35, Use NT, M, A, and O

Eucolastic 1SL   Type S, Grade P, Class 50, Use T, M, A, O and I (Class 2)

Eucolastic 2NS   Type M, Grade NS, Class 50, Use T, NT, M, A, O, and I (Class 2)

Eucolastic 2SL   Type M, Grade P, Class 25, Use T, M, and O

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