

ACC EP AJS EPI Engineered Polymers Aliphatic Joint Sealant

Category : Polymer , Thermoset

Material Notes:

EP AJS Aliphatic Joint Sealant, "Powered by Reactamine® Technology, is a two component 100% solid, aliphatic (silicone optional) polyurea based joint sealant. EP AJS is a self-leveling joint sealant designed to protect interior horizontal concrete expansion and control joints from spalling, chipping, and breakdown. This elastomer displays fast cure times and excellent adhesion to concrete. EP AJS can be applied at temperatures ranging -30° F to 250°F. This polyurea elastomer displays excellent chemical resistance, water insensitivity, and thermal stability at high and low temperatures. EP AJS may also be used under traditional floor coatings (such as epoxies, polyureas and polyurethanes) or tiles to smooth the joints and provide protection from cracking and sinking caused by non-elastomeric joint sealants. EP AJS has outstanding color stability. Applications EP AJS was designed to protect against the abuse to concrete joints caused by heavy load transfers from such items as forklifts, steel-wheeled carts and trash dumpsters. Some typical uses include: Concrete Control / Expansion Joints Concrete Spall Repairs Cold Storage Facilities Merchandise Distribution Centers Home Improvement Stores Bridge Headers Warehouse Floors D.O.T. Pothole Road Repair U.S.D.A. and F.D.A. Acceptable Part of the Amber Chemical Group. Data provided by manufacturer.

Order this product through the following link:

http://www.lookpolymers.com/polymer_ACC-EP-AJS-EPI-Engineered-Polymers-Aliphatic-Joint-Sealant.php

Physical Properties	Metric	English	Comments
Viscosity	350 cP	350 cP	B Side
	650 cP	650 cP	A Side

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	85	85	ASTM D2240
Tensile Strength, Yield	8.62 MPa	1250 psi	ASTM D412
Elongation at Break	450 %	450 %	ASTM D412
100% Modulus	0.00758 GPa	1.10 ksi	ASTM D412
Tear Strength	61.4 kN/m	350 pli	ASTM D412
Taber Abrasion, mg/1000 Cycles	20.5	20.5	CS17 WHEEL, 1kg per 1000 cycles; ASTM D4060

Processing Properties	Metric	English	Comments
Cure Time	>= 10.0 min	>= 0.167 hour	Tack Free Time
Gel Time	2.00 min	2.00 min	

Descriptive Properties	Value	Comments
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Flexibility
Descriptive Properties

Pass
Value

ASTM D1737, 1/8" Mandrel
Comments

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