



Tech Tips 010

Waterstop Paste Bead Size

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Earth Shield® Type NB190® Hydrophilic Waterstop Paste is for use in concrete cold joints, precast joints, tunnel segments, pipe penetrations, and as an optional adhesive for Type NB190® hydrophilic chloroprene rubber waterstops. The product has a 250% expansion when immersed in fresh water for 30 days.

When installing the product using a standard caulk gun, it is essential to know what size bead to dispense, and what effect bead size plays in both yield per cartridge and hydrostatic resistance.

Bead Size in Inches	Feet per Cartridge
¼" x ¼"	25
¼" x ½"	19
¼" x ¾"	13
½" x ½"	13
½" x ¾"	7
½" x 1"	3

Bead Size in Inches	Hydrostatic Resistance in PSI
¼" x ¼"	60
¼" x ½"	65
¼" x ¾"	70



JP Specialties, Inc. / Earth Shield® Waterstop

Bead Size in Inches	Hydrostatic Resistance in PSI
1/2" x 1/2"	70
1/2" x 3/4"	82
1/2" x 1"	88

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