

**CARLISLE SURE-SEAL® BALLAST RETAINING BAR****GENERAL:**

Carlisle Ballast Retaining Bar is a ballast retaining perimeter securement system comprised of a precision extruded, pre-punched aluminum ballast retention/drainage bar with a designated serrated compression fastening strip incorporated into the design.

**TYPICAL PROPERTIES AND CHARACTERISTICS:**

Alloy:	6063-T6 Extruded Aluminum
Length:	10' (3 m) Each
Drain Slots:	.3125" (8 mm) X 1.625" (41 mm) at 4" (100 mm) o.c.
Fastening Slots:	.250" (6 mm) X .625" (16 mm) at 6" (150 mm) o.c.

Carlisle Ballast Retaining Bar is packaged 25 pieces, 250 LF (76 m) per 6" (150 mm) diameter fibertube carton. Bar is extruded .063" (1.6 mm) aluminum with a .125" (3 mm) X 1" (25 mm) serrated compression fastening strip for additional holding power.

Drain slots are 4" (100 mm) o.c. to provide ample drainage and fastening is 6" (150 mm) o.c., 3" (75 mm) from the ends, for superior holding power.

Drain slots are positioned to prevent drainage from occurring onto fasteners.

1½" (38 mm) stainless steel hex drive fasteners, complete with EPDM washers, are provided with the Ballast Retaining Bar.

**CAUTIONS AND WARNINGS:**

Apply on a hard smooth surface only; not in direct contact with wood.

Water Cut-Off Mastic must be held under constant compression.

Do not wrap bar around corners, cut and butt the bar lengths.

When field cutting is necessary, remove any burrs or sharp edges from the bar.

Allow ¼" (6 mm) minimum to ½" (12 mm) maximum spacing between bars.

Space fasteners a maximum 6" (150 mm) o.c. and 3" (75 mm) o.c. maximum from the end.

Eye protection is recommended during installation.

**INSTALLATION:**

1. Peel up a minimum 1" (25 mm) of membrane at the perimeter.
2. Apply Water Cut-Off Mastic between the substrate and membrane (approximately 10 lineal feet (3 m) per tube.
3. Install Ballast Retaining Bar by fastening 6" (150 mm) o.c. with the provided high performance stainless steel fasteners or an approved Carlisle fastener to achieve constant compression of Water Cut-Off Mastic.

Carlisle and Sure-Seal are trademarks of Carlisle Corporation.

©1999 Carlisle Corporation 7/99