

SEALANTS

OCBR OPEN CELL BACKER ROD

PRODUCT NAME

OCBR Open Cell Backer Rod

PRODUCT DESCRIPTION

Type O: Cylindrical, flexible sealant backings composed of predominantly open cell material per ASTM C 1330.

Form: Round Foam Rod

FEATURES/BENEFITS

- Meets all of the requirements of the 1990 Clean Air Act.
- Is a "Domestic End Product" as defined in the Buy American Act, Title 41 USC 10.
- Easy to apply.
- Non-gassing.
- Non-exuding.
- Chemically inert.
- Virtually dust free.

This specification sheet covers the basic requirements for Type O, open cell sealant backings, to be used with cold liquid applied sealants for use in building seals. The sealant backing serves one or more of the following functions.

- Limits the amount and depth of sealant applied into the joint.
- Acts as a bond breaker to allow joint movement without undue stress to the sealant.
- Provides a form to assist the sealant in developing the proper shape factor.
- Acts as a barrier to flow the sealant through the joint.

SIZE SELECTION

Proper size selection is important, as it controls the depth of the sealant bead. It must be oversized 50% to fit tightly into the joint, and function as a bondbreaker to prevent bottom-side adhesion of the sealant.

JOINT PREPARATION

New joints must be cleaned thoroughly, removing any concrete form release agents, curing compound residue, laitance, or any foreign materials. To ensure a good sealant bond, joints must be clean and dry when the new sealant is installed. In repairing old joints, all old sealant or filler must be removed. This can be done by cutting or blowing out the old material or using any other procedure found to be effective. Wire brushing and air blasting are very effective in removing old caulk residues.

INSTALLATION AND SEALANT PLACEMENT

Just prior to placing the backer rod, clean all joints with high-pressure compressed air. Air compressors used for this purpose must be equipped with traps for removal of oil and moisture. Install the backer rod at the depth recommended by the sealant manufacturer with a blunt tool or roller, such as, CRL Cat. No. T607CU605. Refer to sealant manufacturer's recommendations.

PRECAUTIONS

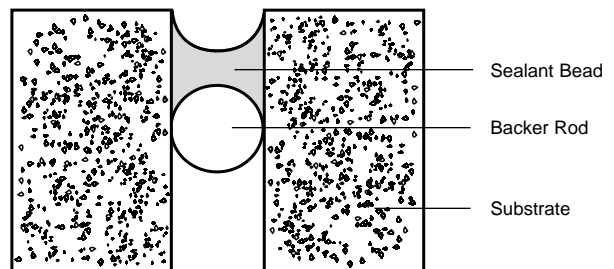
Sealant compatibility should be confirmed by the sealant manufacturer. Compatibility characteristics of sealants in contact with open cell sealant backings can be determined by ASTM Test Method C 1087.

TECHNICAL DATA

The physical properties of OCBR Open Cell Backer Rod are shown in Table 1.

TABLE 1 - PHYSICAL PROPERTIES	
Property/Test Methods	Value
Water Absorption (ASTM C1016 Procedure B)	>0.10 (g/cc)
Density (ASTM D 1622)	.24-48 (kg/m³)
Outgassing (ASTM C 1253)	.0 (No. of bubbles)
Compression Recovery (ASTM D 5249)	>90 %
Compression Deflection (ASTM D 5249)	<20.5 (kPa)
Tensile Strength (ASTM D 1623)	>100 (kPa)

PRODUCT PACKAGING INFORMATION			
Nominal Diameter	Sleeve Color	Linear Ft/ Bale	Weight/Bale
5/8" (16 mm)	Red	12000 ft (3660 m)	45 lbs (21 kg)
7/8" (22 mm)	Orange	6320 ft (1928 m)	45 lbs (21 kg)
1-1/8" (29 mm)	Green	3620 ft (1094 m)	45 lbs (21 kg)
1-1/2" (38 mm)	Yellow	2100 ft (639 m)	45 lbs (21 kg)
2" (51 mm)	Blue	1200 ft (360 m)	45 lbs (21 kg)



Open Cell Backer Rod is used in expansion joints and similar applications

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March 2003
(Supersedes January 1997)



PROFESSIONAL QUALITY
CRL
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TECHNICAL SERVICE

Complete technical information and literature is available from C.R. Laurence Co., Inc. Any technical advice furnished by the company or any representative of the company concerning any use or application of any sealant is believed to be reliable, but the company makes no warranty, expressed or implied, for any use or application for which such advice is furnished.

LIMITED WARRANTY NOTICE

CRL and its manufacturer warrant our products to be of good quality and will replace or, at our election, refund the purchase price of any products proved defective.

Satisfactory results depend not only upon quality products but also upon many factors beyond our control in the application process. Therefore, except for such replacement or refund CRL and its manufacturers make no warranty or guarantee, expressed or implied, including warranties of fitness merchantability, respecting its products. CRL and its manufacturers shall have no other liability with respect thereto. User shall determine the suitability of the product for his intended use and assume all risks and liability in connection therewith. Any authorized change in the printed recommendations concerning the use of our products must bear the signature of the CRL Product Manager.

C.R. LAURENCE CO., INC. LOCATIONS
United States

Los Angeles, California
2503 E Vernon Avenue
Los Angeles, CA 90058-1897
Phone: (323) 588-1281
Fax: (323) 581-6522

New York City Area
211 County Avenue
Secaucus, NJ 07094-2006
Phone: (201) 770-1077
Fax: (201) 770-1599

Cleveland area
31600 Carter Street
Solon, OH 44139-3551
Phone: (440) 248-0003
Fax: (440) 248-0120

Dallas, Texas
2080 Lone Star Drive
Dallas, TX 75212-6390
Phone: (214) 634-7305
Fax: (214) 631-6519

Boston Area
97 Robert Treat Paine Drive
Taunton, MA 02780-1267
Phone: (508) 880-5600
Fax: (508) 880-5775

Philadelphia Area
1511 Lancer Drive
Moorestown, NJ 08057-4232
Phone: (856) 727-1022
Fax: (856) 727-3299

Chicago Area
1501 Tonne Road
Elk Grove Village, IL 60007-5069
Phone: (847) 437-8320
Fax: (847) 437-8447

Orlando, Florida
6950 Presidents Drive
Orlando, FL 32809-5668
Phone: (407) 857-7900
Fax: (407) 857-7766

Phoenix, Arizona
640 S. 54th Avenue
Phoenix, AZ 85043-4731
Phone: (602) 269-7500
Fax: (602) 269-7600

San Francisco / Oakland Area
33200 Dowe Avenue
Union City, CA 94587-2013
Phone: (510) 475-1000
Fax: (510) 475-1404

Denver, Colorado
4770 Joliet Street
Denver, CO 80239-2513
Phone: (303) 373-9988
Fax: (303) 373-0884

Europe
C.R. Laurence Europe GmbH
Boschstrasse 6
D-40880 Ratingen B
Düsseldorf, Germany
Phone: 49-2102-74-28-38
Fax: 49-2102-74-28-34

Atlanta, Georgia
600 Wharton Drive
Atlanta, GA 30336-4040
Phone: (404) 696-3445
Fax: (404) 696-3386

Seattle Area
23000 64th Avenue SW
Kent, WA 98032-1838
Phone: (253) 850-5800
Fax: (253) 813-1818

 **CRL Canada** 

Vancouver Area
11920 Horseshoe Way
Richmond, BC V7A 4V5
Phone: (604) 448-9344
Fax: (604) 448-9322

Montreal Area
8200 Rue Des Bâtisseurs
Anjou, QC H1J 3B3
Phone: (514) 352-3300
Fax: (514) 352-1017


Toronto Area
65 Tigi Court
Concord, ON L4K 5E4
Phone: (905) 303-7966
Fax: (905) 303-7965

Calgary, Alberta
4200 116 Avenue SE
Calgary, AB T2Z 4B5
Phone: (403) 250-5783
Fax: (403)291-3260

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