CITY OF NEW YORK
DEPARTMENT OF BUILDINGS

Pursuant to Administrative Code Section 27-131, the following equipment or material has been found acceptable for use in accordance with the Report of the Material and Equipment Acceptance (MEA) Division.

Patricia J. Lancaster, A.I.A., Commissioner

MEA 189-03-M
Report of Material and Equipment Acceptance Division

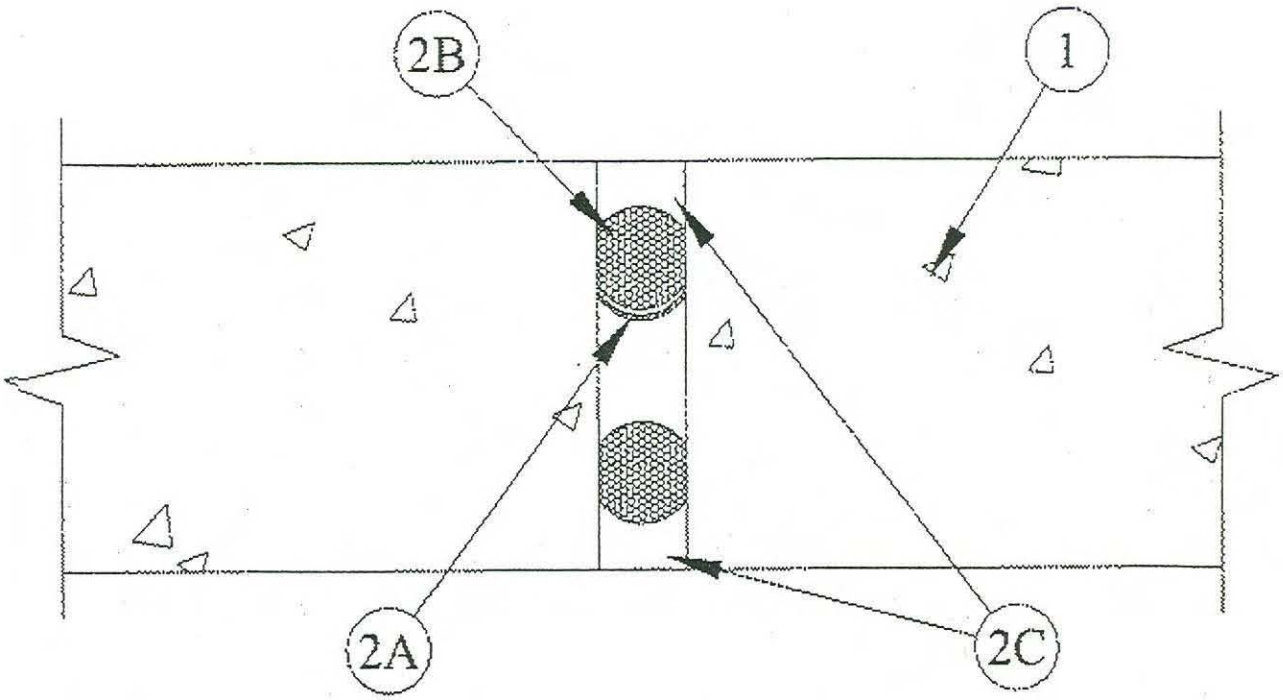
Manufacturer – The Rectorseal Corporation, 2601 Spenwick Drive, Houston, Texas 77055.
Trade Name – Metacaulk and Biostop, Joint Strip.
Product – Fill, Void or Cavity material for fire protection.
Pertinent Code Section(s) – 27-345.
Prescribed Test(s) – UL 2079, RS 5-19 (ASTM E814).
Laboratory – Underwriters Laboratories, Inc.
Test Reports – UL File R14546 dated August 22, 1996, Project 00NK37759 dated October 14, 2002.
Description – Fill, Void or Cavity material for thru-penetration in fire rated walls construction. Metacaulk and Biostop Joint strip are an intumescent. Firestop material used in concrete and masonry control joints up to 1" wide. It forms a strong char that prevents the passage of flame, smoke and hot gases between control joints. The firestop material shall be applied in accordance with manufacturer instruction and Underwriters Laboratories Inc. system number listed below in achieving the required fire resistance ratings.

System No. WW-S-0037

February 25, 2003

Assembly Rating — 2 Hr

Joint Width—1 In. Max



1. **Wall Assembly** — Min 4-1/2 in. thick reinforced lightweight or normal weight (100-150 pcf) structural concrete. Wall may also be constructed of any UL Classified **Concrete Blocks***.

A. **Fill, Void or Cavity Material*** — Nom 1/16 in. thick by 1-1/2 in. wide strip of intumescent material faced on one side with an elastomeric backing strip. Strip is formed into a "u-shape " along its length and friction fit into joint opening such that the base of the "u" is recessed approximately 1-11/16 in. from one surface of wall. A 1/16 in. thick by 1 in. wide intumescent strip may be used in max 3/4 in. wide joints in the same manner as above.

RECTORSEAL — Metacaulk Joint Strip

B. **Packing Material** — Foam backer rod firmly packed into opening as a permanent form. Packing material to be recessed from each surface of wall as required to accommodate the required thickness of fill material.

C. **Fill, Void or Cavity Material*** — Min 1/2 in. thickness of fill material applied within the joint, flush with each surface of wall.

CHEMREX INC — Sonolastic NP-1 Caulk

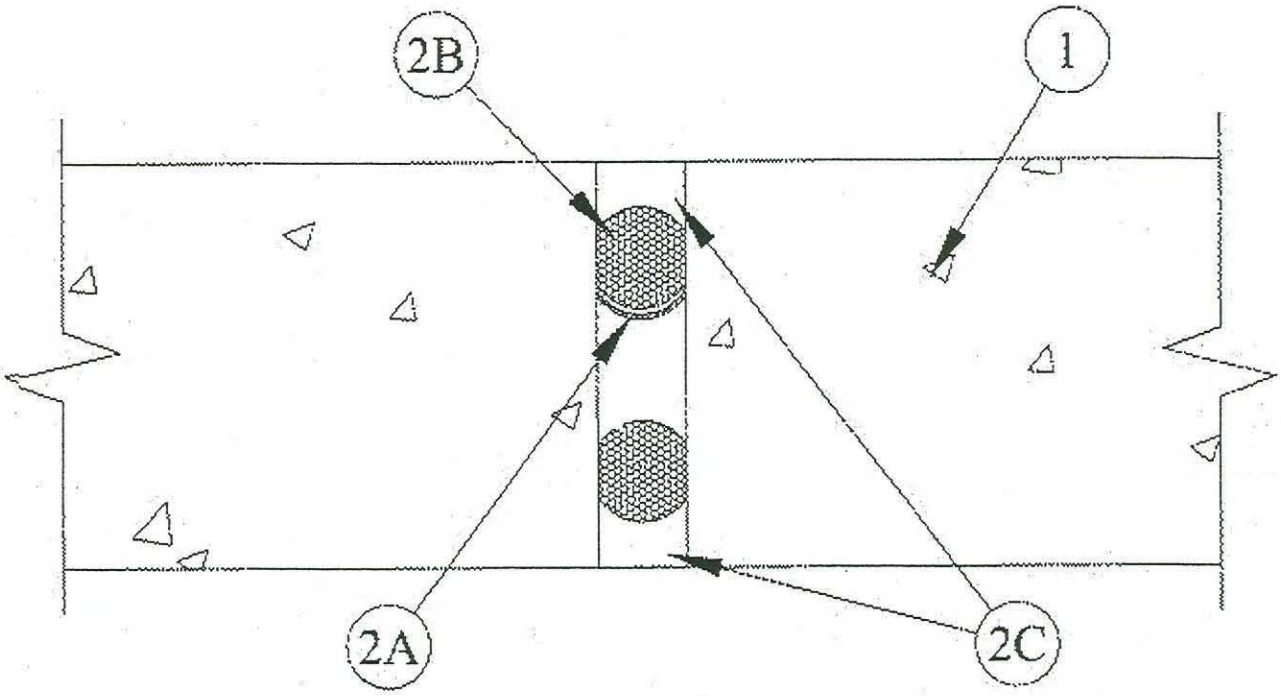
SIKA CORP — Sikaflex 2C NS

System No. WW-S-0039

February 25, 2003

Assembly Rating — 2 Hr

Joint Width — 1 In. Max



1. **Wall Assembly** — Min 4-1/2 in. thick reinforced lightweight or normal weight (100-150 pcf) structural concrete. Wall may also be constructed of any UL Classified **Concrete Blocks*.**

2. **Joint System** — Max width of joint is 1 in. The joint system shall consist of the following:

A. **Fill, Void or Cavity Material*** — Nom 1/16 in. thick by 1-1/2 in. wide strip of intumescent material faced on one side with an elastomeric backing strip. Strip is formed into a "u-shape " along its length and friction fit into joint opening such that the base of the "u" is recessed approximately 1-11/16 in. from one surface of wall. A 1/16 in. thick by 1 in. wide intumescent strip may be used in max 3/4 in. wide joints in the same manner as above.

RECTORSEAL — Biostop Joint Strip

B. **Packing Material** — Foam backer rod firmly packed into opening as a permanent form. Packing material to be recessed from each surface of wall as required to accommodate the required thickness of fill material.

C. **Fill, Void or Cavity Material*** — Min 1/2 in. thickness of fill material applied within the joint, flush with each surface of wall.

CHEMREX INC — Sonolastic NP-1 Caulk

SIKA CORP — Sikaflex 2C NS

Recommendation – That the above described fill, void or cavity material, used to fill the remaining voids in wall assemblies with the above described fire protection rating, where electrical trays, cables, mechanical piping or ductwork pass through the assembly, be accepted for use in such assemblies when installed in accordance with the manufacturer's application instruction. Suitable support angles and fasteners are required for respective assemblies shall be provided in accordance with manufacturer's recommendations. All shipments and deliveries of such materials shall be accompanied by a certificate or label certifying that the materials shipped or delivered are equivalent to those tested and acceptable for use, as provided for in Section 27-131 of the Building Code.

Final Acceptance August/26/03

Examined by S Derkhodam