



Report of Materials and Equipment Acceptance Division

NYC Department of Buildings
280 Broadway, New York, NY 10007
Patricia Lancaster, FAIA, Commissioner
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Pursuant to Administrative Code Section 27-131, the following equipment or material has been found acceptable for use subject to the terms and conditions contained herein.

MEA 284-06-M

Manufacturer: Hilti, Inc. 5400 S. 122 E. Avenue, Tulsa, OK 74146

Trade Name(s):

Product: Fill, Void or Cavity material for fire protection

Pertinent Code Section(s): 27-345

Prescribed Test(s): RS 5-19 (ASTM E814)

Laboratory: Underwriters Laboratories, Inc.

Test Report(s): File R15431 and letter dated May 1, 2000.

Description – Fill Void or Cavity material for through-penetrations in fire-rated concrete floors. The Hilti CP 680N Cast-In Device shall be applied in accordance with Underwriters Laboratories Inc. System number listed below in achieving the required fire resistant ratings.

System No.	Fire Protection Rating (HR)	
	F	T
FA0005	2	1
FA0006	3	2 ½, 3
FA0014	3	3
FA1016	2	0
FA1017	3	0
FA1022	3	2
FA1023	3	½
FA1066	3	1
FA2013	2	2
FA2053	2	0

FA2054	3	0,3
FA2065	2	0
FA2066	3	0
FA2071	3	3
FA2072	3	0
FA2092	2	0, 2
FA2093	2	0
FA2103	2	0
FA2145	2, 3	0
FA3007	3	0, 1/4, 1/2
FA5015	2	1/2, 3/4
FA5016	3	3/4, 1, 3
FA5017	2	3/4, 1
FA5018	3	1 3/4, 2, 2 1/2, 2 3/4, 3
FA8016	3	1/2
FB1009	3	1/2
FB1010	2	2
FB2007	3	3
FB2013	3	0

Terms and Conditions: 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, for In Section 27-131 of the Building Code.

Final Acceptance May 4, 2006
Examined by S. van Dorp