



# Report of Materials and Equipment Acceptance Division

NYC Department of Buildings  
280 Broadway, New York, NY 10007  
Patricia Lancaster, FAIA, Commissioner  
(212) 566-5000, TTY: (212) 566-4769

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 413-07-M

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

**Trade Name(s):** Hilti, Inc.

**Product:** Fill, void or cavity material for fire protection

**Pertinent Code Section(s):** 27-345

**Prescribed Test(s):** RS 5-19 (ASTM E814), UL 2079

**Laboratory:** Underwriters Laboratories, Inc.

**Test Report(s):** File R13240 and letter dated June 9, 2004.

**Description:** Fill, void or cavity material, **Hilti CP653 Speed Sleeve**, designed for through-penetrations in fire-rated concrete floors. The material shall be applied in accordance with Underwriters Laboratories Inc.'s system number listed below in achieving the required fire-resistance ratings.

System No.	Fire Protection Ratings (HR)	
	F	T
CAJ3281	2	3/4
CAJ3282	2	3/4, 1
CAJ3283	2	1/2
CAJ3284	3	1/2
CAJ 3285	3	1, 1 1/2, 3
WL 3334	1, 2	0, 1, 1 3/4, 2
WL 3335	1, 2	0, 1, 1 3/4, 2
WJ 3167	2	0, 1, 1 3/4, 2
WJ3168	2	0, 1, 1 3/4, 2

**Terms and Conditions:** The above-described fill, void or cavity material, used to fill the remaining voids in wall assemblies with the above-described fire protection rating is accepted with the following conditions:

1. Electrical trays, cables, mechanical piping or ductwork passing through the assembly, be installed in accordance with the manufacturer's application instruction.
2. Suitable support angles and fasteners are required for respective assemblies shall be provided in accordance with manufacturer's recommendations.
3. 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 accepted for use, as provided for in Section 27-131 of the New York City Building Code.

Note: In accordance with Section 27-131(d), all materials tested and accepted for use shall be subject to periodic retesting as determined by the Commissioner; and any material which upon retesting is found not to comply with Code requirements or the requirements set forth in the approval of the Commissioner shall cease to be acceptable for the use intended. During the period for such retesting, the Commissioner may require the use of such material to be restricted or discontinued if necessary to secure safety.

Final Acceptance December 20, 2007

Examined By Siun Derfudam