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EWFA CERTIFICATE OF ASSESSMENT	CERTIFICATE No : SFC 35233700	Page 1 of 3
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Report Sponsor	Certificate Issue Date	Product Name
Hilti (Aust.) Pty Ltd 1G Homebush Bay Drive, Rhodes, NSW 2138 Australia	14/04/2015	Hilti CP 680 75/2.5" N firestop collars

Referenced Assessment Report	Test Method	Report Issue Date	Report Validity Date
EWFA 35233700	AS1530.4-2005	10/04/2015	30/04/2020

Introduction



The element of construction described below was assessed by this laboratory on behalf of the report sponsor in accordance with the stated test standard and achieved the results stated below. Refer to the referenced assessment report(s) or Regulatory Information Report(s) for a complete description of the assessed construction.

Description of Assessed Product and Performance

The scope of the assessment includes the fire resistance performance of a 150mm thick concrete floor penetrated by plastic pipes protected by Hilti CP 680 75/2.5" N firestop collars if tested in accordance with AS1530.4-2005 and assessed in accordance with AS 4072.1-2005.

Refer to the referenced assessment reports for a complete description of the assessed construction.

- Conditions/Validity**
- THIS CERTIFICATE IS PROVIDED FOR GENERAL INFORMATION ONLY AND DOES NOT COMPLY WITH THE REGULATORY REQUIREMENTS FOR EVIDENCE OF COMPLIANCE.
 - Reference should be made to the relevant test report or regulatory information report to determine the applicability of the test result to a proposed installation. Full details of the constructions and justification for the conclusions given, along with the validity statements, are given in the assessment reports.
 - The results of these fire tests may be used to assess fire hazard, but it should be recognized that a single test method will not provide a full assessment of fire hazard under all conditions.

TESTING AUTHORITY	Exova Warringtonfire Aus Pty Ltd	
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Authorisation	Prepared By:  D. Nicholson	Reviewed By:  K. Nicholls

Description of Assessed Product and Performance (cont'd)

Performance of stack pipes in floors

Pipe Type & Material	Nominal Pipe Diameter (mm)	Nominal Pipe Wall Thickness (mm)	Local Fire Stopping System	Refer Figure	FRL	
uPVC pipe	32	1.9	Hilti CP 680 75/2.5" N	Fig. 1	-/240/240	
	40	2.0			-/240/240	
	50	2.2			-/240/240	
	65	2.7			-/240/240	
uPVC pipe with Flange of elbow fitted into collar, DWV Bend × 88°	32	1.9		Fig. 2	-/240/240	
	40	2.0			-/240/240	
	50	2.2			-/240/240	
	65	2.7			-/240/240	
PP pipe	32	2.9			Fig. 1	-/240/240
	40	3.7				-/240/240
	50	4.6				-/240/240
	63	5.8				-/240/240
	75	6.8		-/240/240		
PP-R pipe	32	4.4		-/240/240		
	40	5.5		-/240/240		
	50	6.9		-/240/240		
	63	8.6	-/240/240			
	75	10.3	-/240/240			
Silere pipe	58	4.2	-/240/240			
PE pipe	32	2.9-3.3	-/240/240			
	40	3.7-4.2	-/240/240			
	50	4.6-5.2	-/240/240			
	63	5.8-6.5	-/240/240			
	75	6.8-7.6	-/240/240			
HDPE	50	3.0	-/240/240			
	56	3.0	-/240/240			
	63	3.0	-/240/240			
	75	3.0	-/240/240			

Description of Assessed Product and Performance (cont'd)

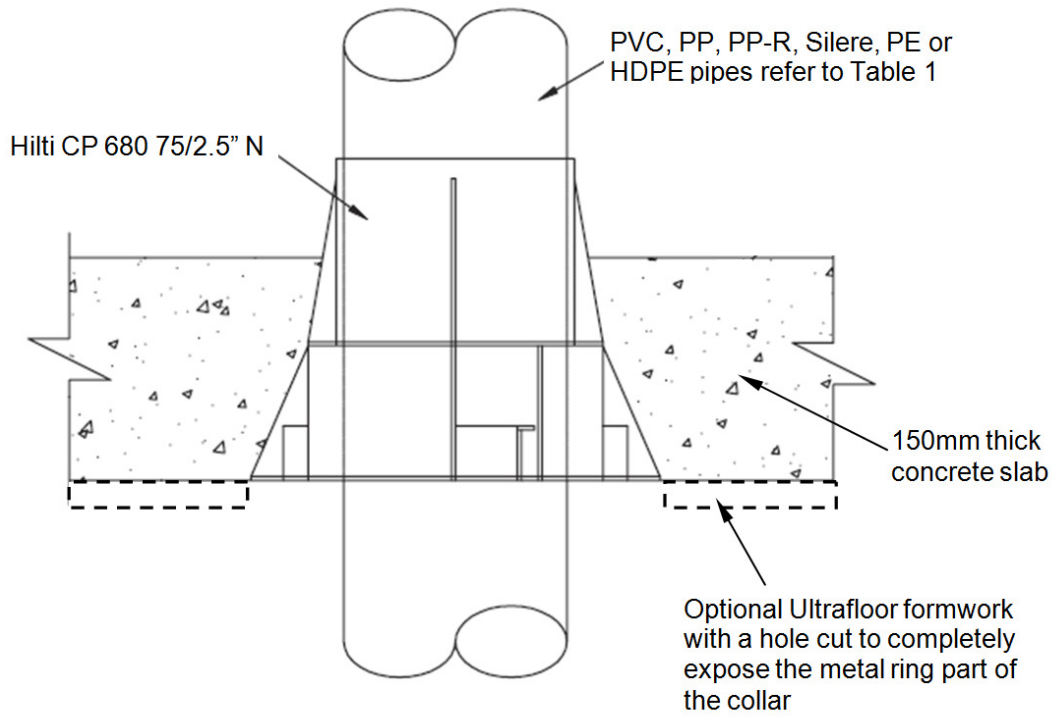


Figure 1 – Stack pipes protected with Hilti CP 75/2.5” N with or without Ultrafloor

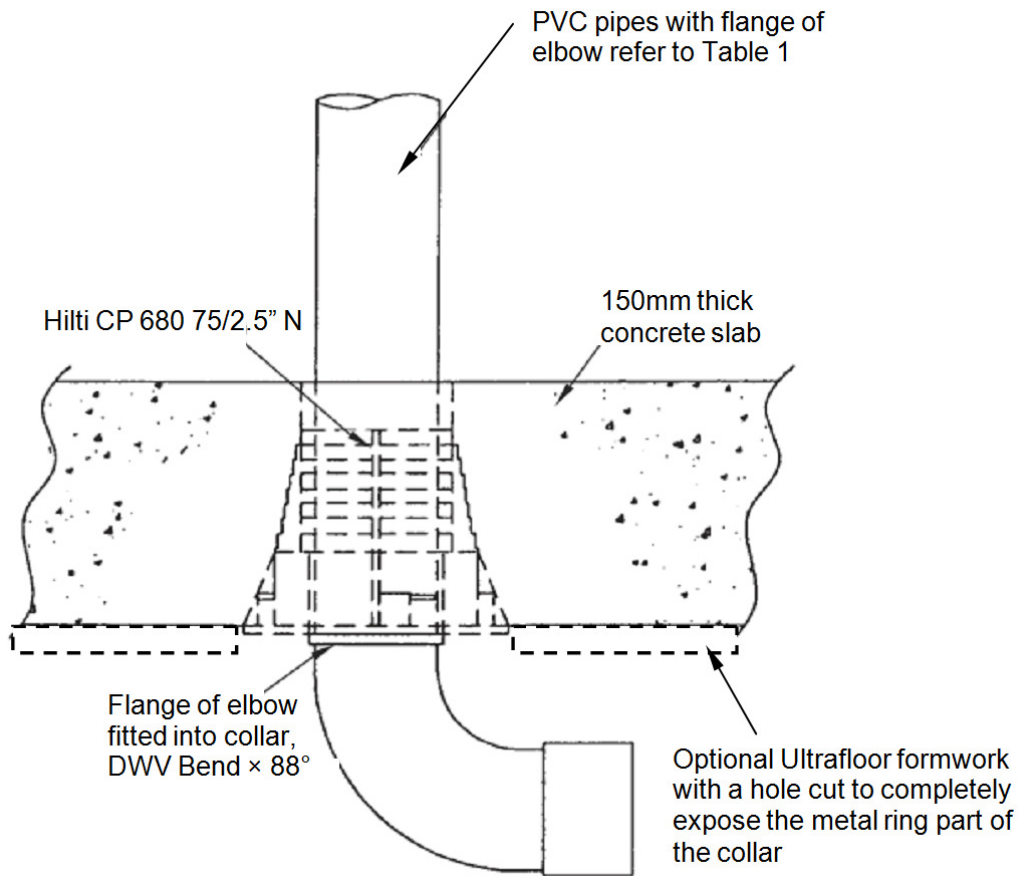


Figure 2 – uPVC pipes flange of elbow fitted into firestop collar protected with Hilti CP 680 75/2.5” N with or without Ultrafloor

Refer to the referenced assessment reports for a complete description of the assessed construction.