HILTI

CP 680 N INT / S CAST-IN FIRESTOP COLLAR

Tested and assessed as per AS 1530.4 and AS 4072.1

- ✓ **NCC compliant**
- ✓ **Quick and simple to install**
- ✓ **Easy to adjust pipes**

Hilti CP 680 N INT / S Cast-in Firestop Collar is a one-step solution with an integrated smoke seal that may be used with a variety of pipe types including **uPVC, PE, HDPE, Valsir Silere, PP and PPR** penetrating through concrete slabs to achieve an FRL of up to -/240/240. It comes with a plastic lid to prevent rainwater from seeping in. Hilti CP 680 N INT / S comes in three sizes to accommodate pipes from 32mm to 160mm in diameter.

Features
- Durable plastic housing
- Easy to install
- Time saving
- Allows pipe adjustment and removal
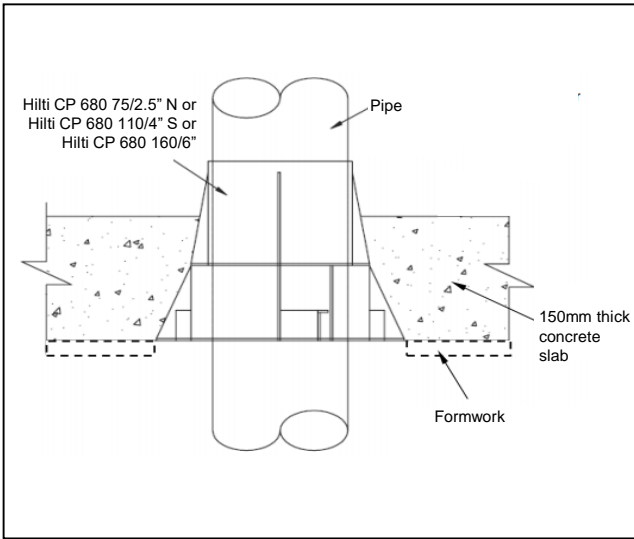- Mold and mildew resistant
- Impervious to smoke and gas

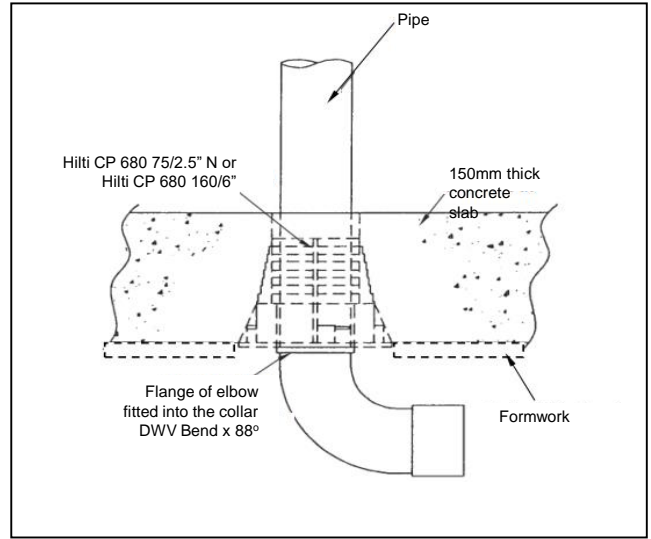| Technical Data	
Colour	Red
Sizes Available	75/2.5" for 32-75mm Ø pipes 110/4" for 90-110mm Ø pipes 160/6" for 150-160mm Ø pipes
Height	254 mm
Housing Thickness	2 mm
Weight	0.42kg (75/2.5" Collar) 0.77 kg (110/4" Collar) 1.81 kg (160/6" Collar)
Expansion Temperature	210 °C
Expansion Ratio	Up to 1:19
Minimum Concrete Slab Thickness	120 mm

Pipe Type	Hilti CP 680		
	75/2.5"	110/4"	160/6"
uPVC	✓		✓
uPVC w/ flange of elbow fitted into the collar	✓		✓
PE	✓	✓	
HDPE	✓	✓	
Valsir Silere	✓	✓	
PP	✓	✓	
PPR	✓	✓	

TESTED CONFIGURATIONS

Hilti CP 680 75/2.5" N or
Hilti CP 680 110/4" S or
Hilti CP 680 160/6"

Pipe

150mm thick concrete slab

Formwork

Stack pipes protected with Hilti CP 680 N INT/S

Pipe

Hilti CP 680 75/2.5" N or
Hilti CP 680 160/6"

150mm thick concrete slab

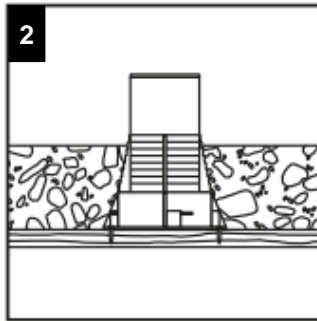Flange of elbow fitted into the collar
DWV Bend x 88°

Formwork

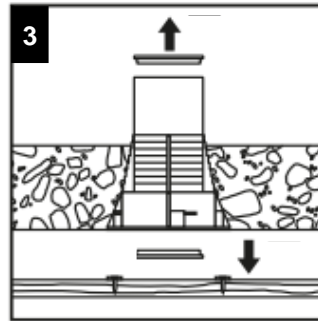**uPVC pipe w/ flange of elbow fitted Hilti CP 680 N INT/S**
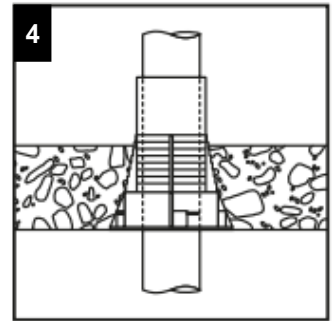
INSTRUCTIONS FOR USE
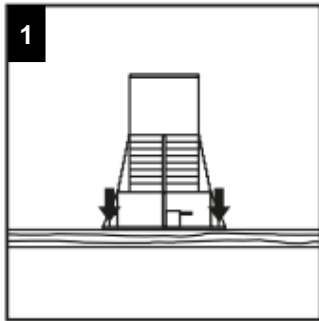
1 Place CP 680 N INT/S Firestop Collar in the desired position and fasten to the formwork.

2 Pour concrete and allow to cure.

3 Remove the formwork, and the plastic lid.

4 Slide the pipe into the CP 680 N INT/S Firestop Collar.

APPROVALS

Refer to the Regulatory Information Reports listed below on www.hilti.com.au for information on deemed-to-satisfy solutions using Hilti CP 680 N INT/S Cast-In Firestop Collars.

- RIR 35233700   Hilti CP 680 75/2.5" N
- RIR 36530900.1   Hilti CP 680 110/4" S
- RIR 35233800   Hilti CP 680 160/6" N

PAINTABILITY

Hilti CP 680 N INT/S must not be painted.

STORAGE & HANDLING

Hilti CP 680 N INT/S has no shelf life limitations. Store CP 680 N INT/S in a dry environment within a temperature range of -5 - 50 °C

HILTI ENGINEERING SERVICES

Are you planning your next project?
We are here to work together with you to help find the best solution.

Email us at AUTechnicalCentre@hilti.com or call us at 131 292.