

Promat

PROMASEAL® CIL Plastic Pipe Penetration Seal



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PROMASEAL® CIL

PROMASEAL® CIL Low Cast In Collars are designed to be fixed to the formwork prior to pouring of concrete floor slabs. The collars accommodate the uPVC pipe fitting within the thickness of the slab enabling space saving.

PROMASEAL® CIL will close both the pipe and pipe fitting in the event of fire for uPVC pipes. The collars have been tested for up to -/180/180 fire resistance level (FRL) in accordance with AS1530: Part 4: 2014 and AS 4072: Part 1: 2005, with various plastic pipes including uPVC, HDPE and a variety of other plastic types. (Refer to Promat or the Fire Collar Selector App for approved types).

The PROMASEAL® CIL is a low cast in collar where the pipe is inserted into the collar before the concrete is poured.

The PROMASEAL® CIL is available in 5 sizes to suit pipes with a nominal diameter of 40mm to 100mm. The nominal sizes available are 40, 50, 65, 80 and 100mm.

The PROMASEAL® CIL Collar can be applied to concrete slabs with a minimum thickness of 85mm and on metal decking such as Bondek or KingFlor. For concrete slabs thinner than 120mm. Contact Promat for further information.

For protecting floor waste penetrations please refer to PROMASEAL® Floor Waste Cast In Collars.

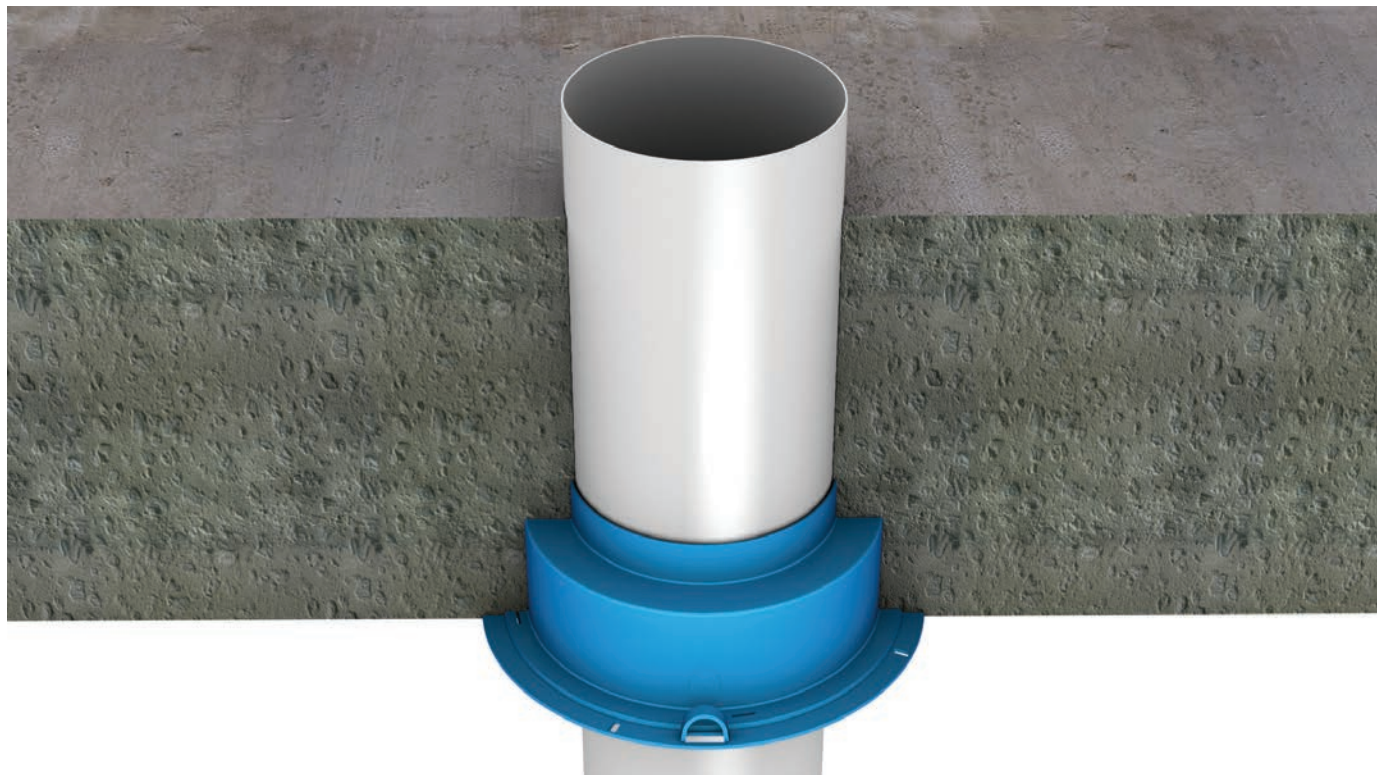
PROMASEAL® CIL Collars are not suitable to protect floor waste penetrations.

Installation method

Place the collar onto the formwork. Secure the collar into position with 20mm x 3mm flat head clouts, nailed through the slots provided. Do not skew nail.

Insert a pipe section through the collar so that the end of the pipe sits flat on the formwork, ensuring the top of the pipe is higher than the finished slab depth. Ensure the pipe section remains in place and vertical during the concrete pour and immediately afterwards.

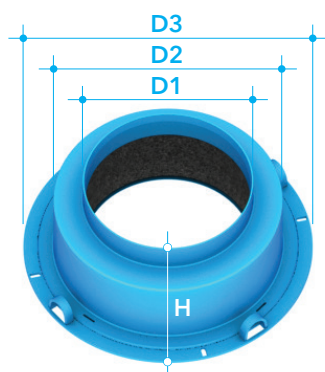
After the formwork is stripped, the short section of pipe used during casting may be knocked out of the collar and replaced with the complete pipe section.



Dimension

Code no.	uPVC pipe nom. (mm)	Body (mm)			Flange (mm)
		H	D1	D2	D3
CIL 40	40	49 + 30*	43	115	160
CIL 50	50	49 + 30*	56	115	160
CIL 65	65	49 + 20*	69	115	160
CIL 80	80	60 + 20*	83	163	210
CIL 100	100	60 + 20*	110	163	210

*Additional height of upright pipe grip



Full details of the fire approvals available for this and all Promat Fire collars can be found by downloading the:

Promat Australia Fire Collar Selector App.
Available for IOS and Android



Promat provides a wider range of systems for compartmentation, structural steel protection, fire stopping, air and cable ducts and partitions.

For assistance with any proactive fire protection problems, contact the nearest Promat office.

Promat Australia Pty Ltd

South Australia office

1 Scotland Road
Mile End South, SA 5031
T 1800 PROMAT (776 628)
F +61 (8) 8352 1014

New South Wales office

Unit 1, 175 Briens Road
Northmead, NSW 2152
T 1800 PROMAT (776 628)
F +61 (2) 9630 0258

Victoria office

Suite 205, 198 Harbour Esplanade
Docklands, VIC 3008
T 1800 PROMAT (776 628)
F 1800 334 598

Queensland office

433 Logan Road
Stones Corner, QLD 4120
T 1800 011 376
F 1800 334 598

E mail@promat.com.au

www.promat.com.au

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Through its subsidiaries, the group offers an extensive range of products: small and large roofing materials, cladding and building boards, passive fire protection systems.

Etex aims to be a professional, solid partner for all kinds of building projects.

