

PROMASEAL® Green Cast-in Collar Installation Instructions

PROMASEAL® Green 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® Green Cast-in Collars are approved for use in stack applications only. They should not be used with floor wastes.

PROMASEAL® Green Cast-in Collars will close both the pipe and pipe fitting in the event of fire for uPVC pipes. The collars have been tested for up to 240 minutes fire resistance in accordance with AS 1530: Part 4: 2005 and AS 4072: Part 1: 2005 with various plastic pipes including uPVC, HDPE and PPR pipes.

For slabs that use lost formwork or are less than 120mm thick, please consult Promat.

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.

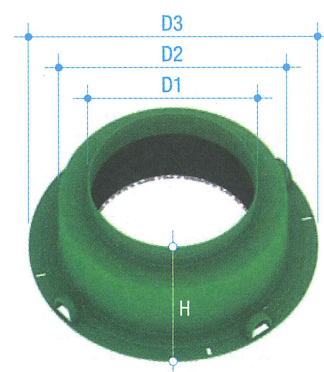
PROMASEAL® Green Cast-in Collars have been extensively tested on permanent formwork decks such as "KingFlor", these are profiled steel decks with an uneven soffit requiring specialist application methods. Please consult Promat for details.

Typical Specification

Where plastic pipes used for stack systems are to be fire rated, use PROMASEAL® Green Cast-in Collars as tested to AS 1530: Part 4: 2005 and AS 4072: Part 1: 2005 to maintain the fire resistance of the element. All details in accordance with the manufacturers instructions. All work to be certified in an approved manner.

Dimensions Guide

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



Code no.	uPVC pipe nom. (mm)	FRL	HDPE pipe nom. (mm)	FRL
Green 50	50	-/180/120	50	-/180/180
Green 65	65	-/180/120	65	-/240/240
Green 80	80	-/180/120	80	-/120/120
Green 100	100	-/180/120	100	-/120/120

*Additional height of upright pipe grip

Promat provides a wide range of systems for compartmentation, fire resistant air and cable ducts, structural steel protection, fire stopping and partitions. For assistance with any proactive fire protection problems, contact the nearest Promat office.

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