



## PROMASEAL®-CIH Collar



PROMASEAL® CIH 65 & 100



PROMASEAL® CIH 150

PROMASEAL® CIH Cast In Fire Collars are designed to be fixed to formwork prior to pouring of concrete floor slabs. It has been tested with various plastic pipes to achieve a Fire Resistance Level (FRL) of up to -/240/240 in accordance with AS 1530: Part 4: 2014 and AS 4072: Part 1: 2005. The collar is available in THREE (3) sizes:

- CIH 65 for pipes up to a nominal OD of 65mm.
- CIH 100 for pipes up to a nominal OD of 100mm
- CIH 150 for pipes with a nominal OD of 150mm.

The CIH 65 and CIH 100 include a removable cap

PROMASEAL® CIH Collar is approved for use in stack applications only. They should not be used for floor waste applications.

Please check with Promat or use the Promat 'Fire Collar Selector App' before installing the collar to ensure the size and type of pipe is approved for use with the size of collar being installed.

### Installation method

#### Cast-in installation to concrete/masonry floors

PROMASEAL® CIH Collars accommodate the pipe fitting inside the soffit of the slab enabling height space savings to be achieved.

Place the collar on the formwork. For the PROMASEAL® CIH 65 & CIH 100, the cap can be removed to assist with locating the collar accurately. Secure the collar into position with 20mm x 3mm flat head clouts, nailed through the notches provided. DO NOT SKEW THE NAILS. After the formwork has been stripped and the pipe is ready to be placed into position, cut off any part of the collar that remains above the slab and insert the pipe section through the collar. Ensure that any concrete slurry that may have hardened on the metal base plate is removed.

The gap between the pipe and the collar must be back filled with concrete or commercial grade mortar mix. As an alternative, the gap can be filled to a depth of 20mm with PROMASEAL®-A Acrylic Sealant or any polyurethane or silicone based fire-resistant sealant.

It should be noted that if the pipe is pushed in from the top, the rubber seal will be forced downwards. Lift the pipe slightly to ensure that the rubber seal projects upwards if backfilling with concrete or mortar.

PROMASEAL® CIH Collars have been extensively tested on permanent formwork decks such as KingFlor or Bondek. These are profiled steel decks with an uneven soffit requiring specialist application methods. Please consult Promat for details.



## Approvals

Pipe materials and sizes in appropriate thickness for floor slabs.

Code	Pipe Type	Pipe Size	Max FRL	Code	Pipe Type	Pipe Size	Max FRL
CIH 65	uPVC	40mm	-/240/240	CIH100	HDPE	110mm	-/240/240
CIH 65	uPVC	50mm	-/240/240	CIH150	HDPE	150mm	-/240/240
CIH 65	uPVC	65mm	-/240/240	CIH 65	Triplus	40mm	-/240/240
CIH 100	uPVC	100mm	-/240/240	CIH 65	Triplus	50mm	-/240/240
CIH 100	uPVC	40mm	-/240/240	CIH 65	Triplus	70mm	-/240/240
CIH 100	uPVC	65mm	-/240/240	CIH 100	Triplus	90mm	-/240/240
CIH 150	uPVC	150mm	-/240/180	CIH 100	Triplus	100mm	-/240/240
CIH 65	HDPE	40mm	-/240/240	CIH 150	Triplus	150mm	-/180/180
CIH 65	HDPE	50mm	-/180/180	CIH65	Raupiano	40mm	-/120/120
CIH 65	HDPE	56mm	-/240/240	CIH65	Raupiano	50mm	-/240/180
CIH 65	HDPE	63mm	-/120/120	CIH65	Raupiano	75mm	-/240/180
CIH100	HDPE	90mm	-/240/180	CIH100	Raupiano	110mm	-/180/120

## Dimensions

Code	Height	Base Plate OD	Base Plate ID	Flange
CIH 65	250mm	137mm	95mm	152mm
CIH 100	250mm	187mm	138mm	200mm
CIH 150	250mm	229mm	179mm	253mm

## Carton Quantities

Code	Quantity
CIH 65	16
CIH 100	9
CIH 150	5

Scan here for link to Promat Fire Collar Selector App



Apple



Android

Promat provides a wide range of systems for compartmentation, fire resistant ducts, structural steel protection, fire stopping and partitions. For assistance with any passive fire protection problems, please visit our website:

[www.promat.com/en-au](http://www.promat.com/en-au)

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