

# FIRESTOP CAST-IN DEVICES FOR METAL DECK (CFS-CID MD)

## Application

- Opening creation in corrugated metal deck slabs to run pipes or conduits
- Sealing combustible and non-combustible penetrations
- Designed to work in composite W3 and W2 floor decks for a wide number of manufacturers
- For slab thicknesses from 2.5" and up from top of the deck
- Concrete floor assemblies rated up to 3 hours



## Product Benefit and Features

- Quick and simple installation — designed to increase your productivity and reduce labor costs
- Peace of mind — cast-in devices remove scope for errors compared to traditional methods, leading to more reliable firestopping of vertical penetrations
- Creates an opening with the firestop already included — no coming back for firestopping required
- Integrated moisture and smoke seal — no additional backfilling required
- No steel deck reinforcement or additional shoring needed to support the steel deck as a form during the construction phase
- Deck is cut after concrete is cured and it does not interfere with reinforcement
- No need of torches, plasma cutters or core rigs to perform the penetrations

## Installation instructions

- See Hilti Literature or third-party listings for complete application and installation details

## Technical Data

<b>Devices</b>	CFS CID MD P/M 2" CFS CID MD P/M 3" CFS-CID MD P/M 4"	<b>Footprint</b>	3-3/4" x 4-1/2" 4-3/4"x5-5/8" 6-3/8" x 6-3/4"
<b>Base Material</b>			Concrete over Metal Deck
<b>Application temperature</b>			Min 23 °F (-5 °C) / Max 122 °F (50 °C)
<b>Expansion temperature</b>			410 °F (210 °C)
<b>Expansion rate</b>			1:19 (Unrestricted)
<b>Standard heights</b>			2.5" & 4"
<b>Temperature resistance</b>			Maximum 212 °F (100 °C)
<b>Color</b>			CFS CID MD P: Red CFS CID MD M: Black
<b>Tested in accordance with</b>			UL 1479, ASTM E 814, ASTM G21



## Accessories:

- Metal Deck Platforms, CFS CID MD PLT W3 and W2
- Metal Deck Guide Sleeve, CFS CID MD HS GUI 2" / 3" / 4"
- Metal Deck Hole Saw, CFS CID MD HS 2" / 3" / 4"
- Supporting Shaft, CFS CID ARB TE-Y / TE-C

	Platforms	Hole saws	Guide sleeves	Shafts
<b>Material</b>	20 ga steel galvanized sheet metal		galvanized steel	
<b>Dimensions</b>	12" long 7" wide	OD (Size of cut)	height 6"	450 mm long
<b>Feature</b>		Quick Insert		Quick Insert
<b>Technology</b>		Carbide teeth		
<b>Mold and Mildew resistance</b>	Yes, per ASTM G21			
<b>Base Material</b>	W3" & W2" metal floor decking	Metal		
<b>Connection-end</b>				TE-C (SDS PLUS) & TE-Y (SDS MAX)