FLOOR BOX SYSTEMS

Quick Selection Guide

Wiremold® Floor Boxes are TopGuard protected to meet and exceed the UL scrub water exclusion requirement.

TOP GUARD™

On-Grade Floor Boxes for Concrete Floors

PVC BOXES

Box Model	Box Type	Service Capability	Box Capacity	Box Construction	Depth Behind Device Plates	KO Sizes	Cover Model	Finished Floor Type	Cover & Flange Part Nos.	Notes
Ratchet-Pro 881	Round	Single/Dual	1 Gang	PVC	1 3/4" (44mm)	1" Trade Size	Metal, Polycarbonate	Tile, Carpet	895, 896	Flush Devices, On-Grade or Above-Grade
Ratchet-Pro RPNFB	Round	Dual	2 Gangs	PVC	3 1/2" (89mm)	3/4" – 2"	Die-Cast Aluminum	Tile, Carpet	RPAV3CTC, RP7CTC, RPAMD4CTC, RPAMD8CTC, RP4FFCTC, RP9AM2CTC, RP4CTC	Surface Devices, On-Grade or Above-Grade
Modulink 880MP 880MP2	Rectangular	Single	1 Gang	PVC	1 3/4" (44mm)	1/2" – 2" Trade Size	Metal, Polycarbonate	Tile, Carpet	817, 818, 828, 829, 830 Series	Flush Devices, On-Grade or Above-Grade
Modulink 880MP 880MP2	Rectangular	Single	2 or 3 Gangs	PVC	1 3/4" (44mm)	1/2" – 2" Trade Size	Metal, Polycarbonate	Tile, Carpet	827, 828, 829, 830, 837, 838 Series	Flush Devices, On-Grade or Above-Grade

EPOXY PAINTED METAL & CAST IRON BOXES

Box Model	Box Type	Service Capability	Box Capacity	Box Construction	Depth Behind Device Plates	KO Sizes	Cover Model	Finished Floor Type	Cover & Flange Part Nos.	Notes
Evolution Series EFB45S-OG	Rectangular	Triple	4&5 Gangs	Steel	3 1/2" (89mm)	3/4" – 2" Trade Size	Evolution Rectangular Die-Cast Alumuinum	Tile, Carpet, Wood, Terrazzo, Polished Concrete	EFB45CTC, EFB45BTC, EFB45CT, EFB45CT	Removable Modules, Standard Size Device Plates
Ratchet-Pro RPSFB-OG	Round	Dual	2 Gangs	Steel & PVC	3 1/2" (89mm)	3/4" – 2"	Die-Cast Aluminum	Tile, Carpet	RPAV3CTC, RP7CTC, RPAMD4CTC, RPAMD8CTC, RP4FFCTC, RP9AM2CTC, RP4CTC	Surface Devices, On-Grade or Above-Grade

Box Model	Concrete	Wood	Box Type	Box Capacity	Depth Behind Plates	AV Compatibility	Trade Size Conduit Feed	Cover Style	Country of Origin	Adjustability
RFBA2R25-OG	Yes	No	On-Grade	2 Gangs	(2X) 3-1/16 (ends) (78 mm)	Legrand AVIP, Atinex, Intera, Extron AAP & MAAP, Decorator, Ortronics TracJack & Series II	3/4" – 1" (1-1/4" in bottom)	FloorPort FP Series	USA/ Mexico	Fully Adjustable
RFBA2R30-OG	Yes	No	On-Grade	2 Gangs	(2X) 3-1/16 (ends) (78 mm)	Legrand AVIP, Atinex, Intera, Extron AAP & MAAP, Decorator, Ortronics TracJack & Series II	3/4" – 2"* (1-1/4" in bottom)	FloorPort FP Series	USA/ Mexico	Fully Adjustable
RFBA4R25-OG	Yes	No	On-Grade	4 Gangs	(2X) 3-1/16 (ends) (78 mm) (2X) 2-9/16 (sides) (65 mm)	Legrand AVIP, Atinex, Intera, Extron AAP & MAAP, Decorator, Ortronics TracJack & Series II	3/4" – 1" (1-1/4" & 1-1/2" in bottom)	FloorPort FP Series	USA/ Mexico	Fully Adjustable
RFBA4R30-OG	Yes	No	On-Grade	4 Gangs	(2X) 3-1/16 (ends) (78 mm) (2X) 2-9/16 (sides) (65 mm)	Legrand AVIP, Atinex, Intera, Extron AAP & MAAP, Decorator, Ortronics TracJack & Series II	3/4" – 2"* (1-1/4" & 1-1/2" in bottom)	FloorPort FP Series	USA/ Mexico	Fully Adjustable
RFBA6R30-OG	Yes	No	On-Grade	6 Gangs	(2X) 2-9/16 (65 mm) (4X) 2-7/8 (73 mm)	Legrand AVIP, Atinex, Intera, Extron AAP & MAAP, Decorator, Ortronics TracJack & Series II	3/4" – 2"* (1-1/4" & 1-1/2" in bottom)	FloorPort FPL Series	USA/ Mexico	Fully Adjustable
RFBA10R55-OG	Yes	No	On-Grade	10 Gangs	(10) 2-1/2 (64 mm)	Legrand AVIP, Atinex, Intera, Extron AAP & MAAP, Decorator, Ortronics TracJack & Series II	3/4" – 2"*	FloorPort FPL Series	USA/ Mexico	Fully Adjustable
RFBA2C25-OG	Yes	No	On-Grade	2 Gangs	(2X) 3-1/16 (ends) (78 mm)	Legrand AVIP, Atinex, Intera, Extron AAP & MAAP, Decorator, Ortronics TracJack & Series II	3/4" – 1" (1-1/4" in bottom)	Evolution 6CT2 & 6CTC2 Series	USA/ Mexico	Fully Adjustable
RFBA2C30-OG	Yes	No	On-Grade	2 Gangs	(2X) 3-1/16 (ends) (78 mm)	Legrand AVIP, Atinex, Intera, Extron AAP & MAAP, Decorator, Ortronics TracJack & Series II	3/4" – 2"* (1-1/4" in bottom)	Evolution 6CT2 & 6CTC2 Series	USA/ Mexico	Fully Adjustable
RFBA4C25-OG	Yes	No	On-Grade	4 Gangs	(2X) 3-1/16 (ends) (78 mm) (2X) 2-9/16 (sides) (65 mm)	Legrand AVIP, Atinex, Intera, Extron AAP & MAAP, Decorator, Ortronics TracJack & Series II	3/4" – 1" (1-1/4" & 1-1/2" in bottom	Evolution 6CT2 & 6CTC2 Series	USA/ Mexico	Fully Adjustable

FLOOR BOX SYSTEMS

Quick Selection Guide

Wiremold® Floor Boxes are TopGuard protected to meet and exceed the UL scrub water exclusion requirement.

TOP GUARD™

Above-Grade Floor Boxes for Concrete Floors

PVC BOXES

Box Model	Box Type	Service Capability	Box Capacity	Box Construction	Depth Behind Device Plates	KO Sizes	Cover Model	Finished Floor Type	Cover & Flange Part Nos.	Notes
Ratchet-Pro 881	Round	Single/Dual	(4) #12 AWG or (6) Cat 6A	PVC	1 3/4" (44mm)	1" Trade Size	Metal, Polycarbonate	Tile, Carpet	895, 896 Series	Flush Devices, On-Grade or Above-Grade
Ratchet-Pro RPNFB	Round	Dual	2 Gang	PVC	3 1/2" (89mm)	3/4" – 2" Trade Size	Metal, Polycarbonate	Tile, Carpet	RPAMD4CTC, RPAMD8CTC, RF4FFCTC, RPAV3CTC, RP9AM2CTC, RP7CTC, RP4CTC	Flush Devices, On-Grade or Above-Grade
Modulink 880MPFC	Rectangular	Single	(4) #12 AWG or (6) Cat 6A	PVC	1 3/4" (44mm)	1" Trade Size	Metal, Polycarbonate	Tile, Carpet	817, 818, 828, 829, 830 Series	Flush Devices, or Above-Grade
Modulink 880MP, 880MP2	Rectangular	Single	(4) #12 AWG or (6) Cat 6A	PVC	1 3/4" (44mm)	1/2" – 2" Trade Size	Metal, Polycarbonate	Tile, Carpet	817, 818, 828, 829, 830 Series	Flush Devices, On-Grade or Above-Grade
Modulink 880MP, 880MP2	Rectangular	Dual		PVC	1 3/4" (44mm)	1/2" – 2" Trade Size	Metal, Polycarbonate	Tile, Carpet	827, 828, 829, 830, 837, 838 Series	Flush Devices, On-Grade or Above-Grade

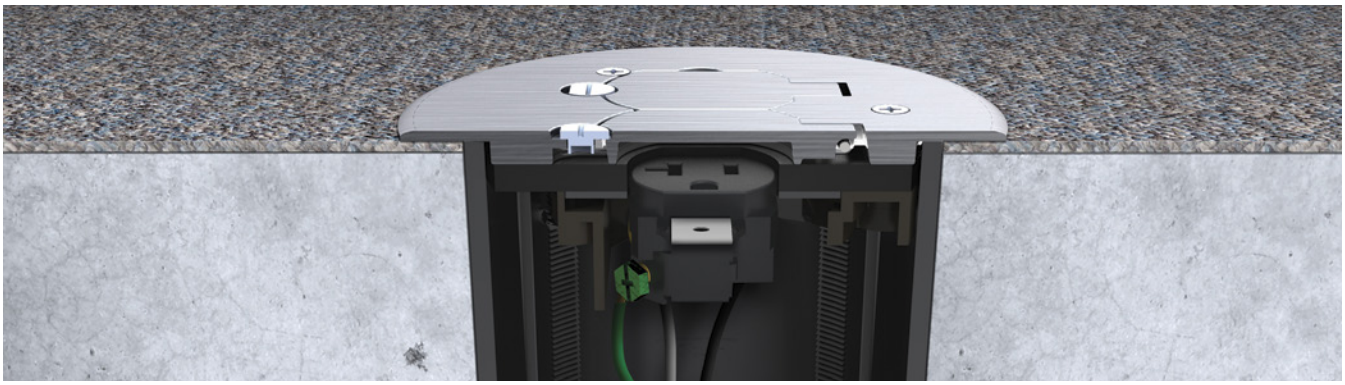
STEEL BOXES

Box Model	Box Type	Service Capability	Box Capacity	Box Construction	Depth Behind Device Plates	KO Sizes	Cover Model	Cover Construction	Cover & Flange Part Nos.	Notes
800 Series 800LCK	Round	Single	1 Gang	Steel	N/A	1/2 – 3/4" Trade Size	Brass	Tile, Carpet	825 Series	Flush Devices, Fully Adjustable
880 Series 885B/886B	Round	Single	1 Gang	Steel	**885B:** 2" (51mm) 886B: 2 1/4" (57mm)	**885B:** 1/2" – 3/4" **886B:** 1/2" – 1" Trade Size	Metal, Polycarbonate	Tile, Carpet	895, 896 Series	Flush Devices, Fully Adjustable
OmniBox 880S1, 880M1 8801S-FC	Rectangular	Single	1 Gang (4) #12 AWG/ Gang or (6) Cat 6A/Gang	Steel	**880S1:** 2 3/4" (70mm) 880M1: 1 3/4" (44mm)	**880S1:** 1/2" – 1" 880M1: 1/2" – 3/4" Trade Size	Metal, Polycarbonate	Tile, Carpet	817, 818, 827, 828, 829, 830 Series	Flush Devices, Fully Adjustable
OmniBox 880S2, 880M2 8802S-FC	Rectangular	Dual	2 Gangs (4) #12 AWG/ Gang or (6) Cat 6A/Gang	Steel	**880S2:** 2 3/4" (70mm) 880M2: 1 3/4" (44mm)	**880S2:** 1/2" – 1" 880M2: 1/2" – 3/4" Trade Size	Metal, Polycarbonate	Tile, Carpet	827, 828, 829, 830 Series	Flush Devices, Fully Adjustable
OmniBox 880S3, 880M3 8803S-FC	Rectangular	Triple	1 Gang (4) #12 AWG/ Gang or (6) Cat 6A/Gang	Steel	**880S3:** 2 3/4" (70mm) 880M3: 1 3/4" (44mm)	**880S3:** 1/2" – 1" **880M3:** 1/2" – 3/4" Trade Size	Metal, Polycarbonate	Tile, Carpet	828, 829, 830, 837, 838 Series	Flush Devices, Above-Grade
Ratchet-Pro RPSFB	Round	Dual	2 Gangs	Steel & PVC	3 1/2" (89mm)	3/4" – 2"	Die-Cast Aluminum	Tile, Carpet	RPAV3CTC, RP7CTC, RPAMD4CTC, RPAMD8CTC, RP4FFCTC, RPAM2CTC, RP9AM2CTC, RP4CTC	Surface Devices, Above-Grade

Fire Classified Floor Boxes – Add "FC" Suffix to part number for fire classified version. All fire classified boxes feed with 1 1/4" or 2"conduit feeds.

NOTE: Most Wiremold floor boxes and accessories are listed by Underwriters Laboratories Inc. and comply with Federal Specifications W-C-583b in one of the following types and classes: Type 1-Fully adjustable, Type II-Semi-adjustable, Type III-Non-adjustable, Class 1-Watertight, Class 2-Concrete-tight.

RATCHET-PRO™ SERIES FLOOR BOXES



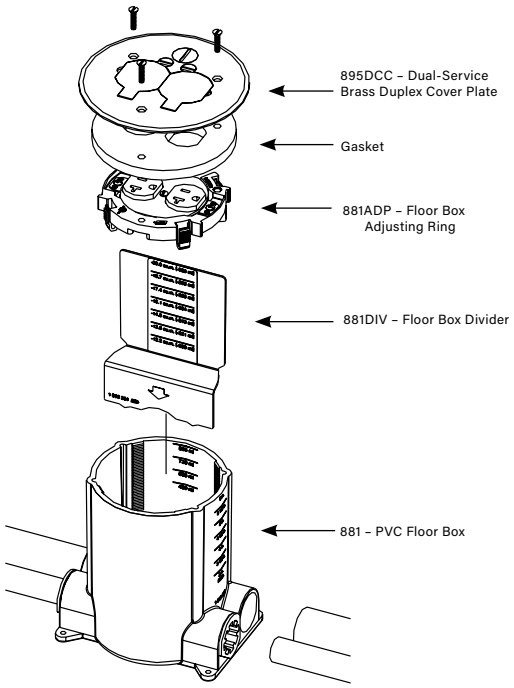
Ratchet-Pro™ Series Floor Boxes provide dual-service capability in a single, easy-to-install round floor box.

CODE REFERENCE

cULus Listed
Nonmetallic Outlet Boxes:
File E110748 Guide QCMZ.

Ratchet-Pro 881 Series Floor Box Specifications

Ratchet-Pro Series Floor Box Components

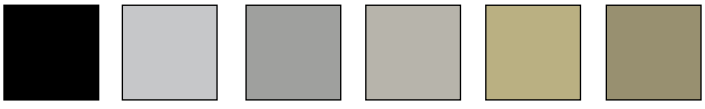


Ratchet-Pro 881 Series Floor Box Volume Capacities

BOX HEIGHT		Single Service 895 & 896 Activations		Dual Service 895DCC Activations	
		WIRING VOLUME		WIRING VOLUME (with Divider)	
In.	(mm)	Cu. In.	(ml)	Cu. In.	(ml)
6	(152.0)	65.0	[1065.0]	15.0	[246.0]
5 1/2	(140.0)	58.0	[950.0]	39.3	[644.0]
5	(127.0)	51.0	[836.0]	33.6	[551.0]
4 1/2	(114.0)	44.0	[721.0]	27.9	[457.0]
4	(102.0)	37.0	[606.0]	22.2	[364.0]
3 1/2	(89.0)	30.0	[492.0]	16.5	[270.0]
3 1/4	(76.0)	23.0	[377.0]	10.8	[177.0]

NOTE: To calculate total box volume, use the displacement of the largest uncut section remaining. Do not use in concrete pours less than 4 1/2" [114mm] deep. Installation must comply with NEC and local code conductor volume requirements. Not for use when concrete is the finished floor. Use only for tile, carpet, or wood covered floors.

COLOR OPTIONS

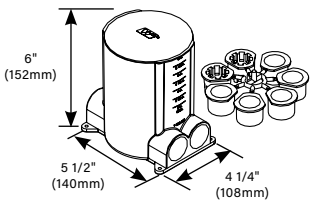


895 and 896 Series Cover Plates are compatible with Ratchet-Pro 881 Series Floor Boxes and are available in black, aluminum, gray, nickel, brass and bronze.

RATCHET-PRO™ SERIES FLOOR BOXES

Ratchet-Pro Series Floor Box Ordering Information

881 Round Nonmetallic Concrete Floor Box

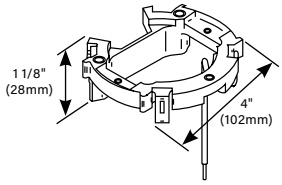


Round single service/dual service nonmetallic concrete floor box. Floor box has four (4) parallel conduit hubs, internal and external graduated markings indicating wiring volume and concrete pour depth respectively.

Box Includes:

- (1) Durable/reusable protective cap.
- (1) Adapter ring (881ADP).
- (1) Reducing ring to allow hub to be reduced down to 3/4" and 1/2" trade size openings or blanks to close off any unused openings.

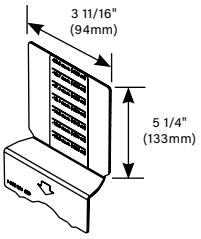
881-ADP PVC Floor Box Ratchet Adjusting Ring



Used to attach wiring devices and cover plates to PVC box. Locks into place without using glue or mechanical fasteners. Compensates for up to 10° of tilt if box is not level. Ground wire is factory attached to the adjusting ring.

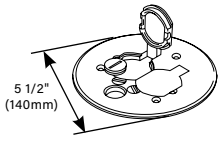
NOTE: One ring required per box, single- or dual-service.

881-DIV PVC Floor Box Divider Plate



Used to isolate power and communication compartments. Graduated cubic inch markings are marked clearly on the divider and correspond directly to the cubic inch markings on the interior of the box. Cuts easily with a utility knife. Supplied with a receptacle plate that completes separation of power and communication services. One divider required for **dual-service** activation.

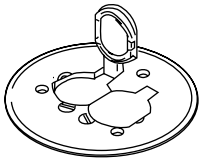
895DCC Dual Service Brass Duplex Cover Plate



With flip lids. Supplied with 1/2" (12.7mm) screw plug for accessing communication cables. 5 1/2" (140mm) diameter **for carpet applications only.** Used in conjunction with the 881DIV to complete dual-service activation.

North American Made Ratchet-Pro Series Floor Box Cover Plates Ordering Information

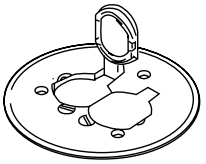
Aluminum Duplex Cover Plate



PART NUMBERS:
895TCAL-BK (Black)
895TCAL-BS (Brass)
895TCAL-GY (Gray)
895TCAL-NK (Nickel)
895TCAL-BZ (Bronze)

With flip lids, 5 1/2" [140mm] diameter for carpet. Available in Black (BK), Brass (BS), Gray (GY), Nickel (NK) and Bronze (BZ).

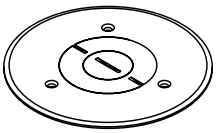
Polycarbonate Duplex Cover Plate



PART NUMBERS:
895P-BLK (Black)
895P-BRN (Brown)
895P-BRZ (Bronze)
895P-AL (Aluminum)

With flip lids, 5 1/2" (140mm) diameter for carpet. Available in Black (BLK), Brown (BRN), Bronze (BZ) and Aluminum (AL).

Polycarbonate Communication or Power Cover Plate



PART NUMBERS:
896PCK-BLK (Black)
896PCK-BRN (Brown)
896PCK-BRZ (Bronze)
896PCK-AL (Aluminum)

5 1/2" (140mm) diameter. Available in Black (BLK), Brown (BRN), Bronze (BRZ) and Aluminum (AL).