

Modular multi-purpose sand-tight rectangular access chamber.

Available with Class B125 or Class D400 covers suitable for traffic loading.

Upper layer of chamber includes height adjustment screws to set the final height and grade of the cover.

Chambers with lengths greater than 900mm include an additional galvanized steel U-frame for wall and cover support.

Key benefits include fast installation, light-weight handling, height adjustability, and the ability to sandwich pipes or conduits between layers.

Excavation depth = chamber depth + cover + bedding (approx 100mm).


Sub grade: Minimum CBR of 5% is recommended. If necessary increase excavation and bedding depth to achieve a bedding for the chamber with suitable load bearing capacity.

Bedding: Minimum 100mm depth of compacted sand/gravel mix, gravel up to AP20, or flowable fill, prepared to application appropriate grade and level. Dewatering of any groundwater is recommended to at least 200mm below the bottom of the trench.

U-frame (for chamber side lengths greater than 900mm) and Cover Frame must be installed ahead of backfill.


Backfill: Non-cohesive well graded granular fill with maximum crushed stone size of 20mm is required (An AP20 material according to the TNZ M/4 spec (heavy on fines) is considered to be ideal). Installation backfill shall be compacted to the minimum standard dry ratios, AS1289, 95%. Compacted with a medium vibrating stamper (wacker rammer) approx. 50kg.

Variable Cover Adjustment: Some models of ROM-Box include levelling screws, adjustable up to 50mm, to set the height and grade of the cover. These screws are not intended to support traffic loading, instead to provide a position for the cover. The remaining gap between the cover frame and the chamber must be filled completely with high compressive strength grout (type ERGELIT-superfix 35 or similar) and allowed sufficient time to cure in order to support this load.

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:					FINISH:			DEBUR AND BREAK SHARP EDGES			DO NOT SCALE DRAWING			REVISION		1			
															GENERAL LAYOUT				
	NAME		SIGNATURE		DATE														
DRAWN	S.McDonald				11.04.24														
CHK'D																			
APP'VD																			
MFG																			
Q.A.							MATERIAL: Polypropylene chamber Galvanized Steel Frame Ductile Iron Cover		DWG NO.		ROMOLD ROM-Box					A3			
									SCALE:1:12		SHEET 1 OF 2								

Model	Details
Rom-Box 40/90	ROMOLD ROM-Box cable chamber made of polypropylene, incl. base-plate,rectangular, 100% recyclable. Clear opening 405 x 895 mm, external measurements: 485 x 975 mm
LEB 40/90 GL	Cover cl. B 125 according to EN 124, 405 x 895mm, made of ductile cast iron incl. locking mechanism, height: approx. 110 mm
LED 40/90 GL	Cover cl. D 400 according to EN 124, 405 x 895mm, made of ductile cast iron incl. locking mechanism, height: approx. 110 mm
ROM Box 57/92	ROMOLD ROM-Box cable chamber made of polypropylene, incl. base-plate,rectangular, 100% recyclable. Clear opening 569 x 921 mm, external measurements: 649 x 1001 mm
LEB 57/92 GL	Cover cl. B 125 according to EN 124, 569 x 921mm, made of ductile cast iron incl. locking mechanism, height: approx. 110 mm
LED 57/92 GL	Cover cl. D 400 according to EN 124, 569 x 921mm, made of ductile cast iron incl. locking mechanism, height: approx. 110 mm
ROM Box 57/115	ROMOLD ROM-Box cable chamber made of polypropylene, incl. base-plate,rectangular, 100% recyclable. Clear opening 569 x 1165 mm, external measurements: 649 x 1245 mm
LEB 57/115 GL	Cover cl. B 125 according to EN 124, 569 x 1165mm, made of ductile cast iron incl. locking mechanism, height: approx. 110 mm
LED 57/115 GL	Cover cl. D 400 according to EN 124, 569 x 1165mm, made of ductile cast iron incl. locking mechanism, height: approx. 110 mm
ROM-Box 57/142	ROMOLD ROM-Box cable chamber made of polypropylene, incl. base-plate,rectangular, 100% recyclable. Clear opening 569 x 1424 mm, external measurements: 649 x 1504 mm
LEB 57/142 GL	Cover cl. B 125 according to EN 124, 569 x 1424mm, made of ductile cast iron incl. locking mechanism, height: approx. 110 mm
LED 57/142 GL	Cover cl. D 400 according to EN 124, 569 x 1424mm, made of ductile cast iron incl. locking mechanism, height: approx. 110 mm
ROM-Box 75/115	ROMOLD ROM-Box cable chamber made of polypropylene, incl. base-plate,rectangular, 100% recyclable. Clear opening 755 x 1125 mm, external measurements: 835 x 1245 mm
LEB 75/115 GL	Cover cl. B 125 according to EN 124, 755 x 1125mm, made of ductile cast iron incl. locking mechanism, height: approx. 110 mm
LED 75/115 GL	Cover cl. D 400 according to EN 124, 755 x 1125mm, made of ductile cast iron incl. locking mechanism, height: approx. 110 mm
ROM-Box 75/155	ROMOLD ROM-Box cable chamber made of polypropylene, incl. base-plate,rectangular, 100% recyclable. Clear opening 755 x 1515 mm, external measurements: 835 x 1635 mm
LEB 75/155 GL	Cover cl. B 125 according to EN 124, 755 x 1515mm, made of ductile cast iron incl. locking mechanism, height: approx. 110 mm
LED 75/155 GL	Cover cl. D 400 according to EN 124, 755 x 1515mm, made of ductile cast iron incl. locking mechanism, height: approx. 110 mm

Standard chamber depth to 1200mm. For deeper installations to 2000mm additional reinforcement components are required. Please enquire.

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								STANDARD SIZES					
DRAWN		NAME		SIGNATURE		DATE		 AUSTRALASIA MOULDING LTD		ROMOLD ROM-Box		A3	
CHK'D													
APPV'D													
MFG													
Q.A													
								MATERIAL: Polypropylene chamber Galvanized Steel Frame Ductile Iron Cover		DWG NO.			
										SCALE:1:12		SHEET 2 OF 2	