



**SWEDEN'S ONLY SECURITY-CLASSIFIED  
MANHOLE PROTECTING AGAINST  
LIFTING AND INTRUSION**



# Ralaflex RC3

## HIGH SECURITY

**RALAFLEX RC3** is Sweden's first and only security-classified manhole, developed to protect the most critical points in vital societal infrastructure. The manhole is tested and approved in accordance with SS-EN 1627:2011, Resistance Class 3 (RC3) by RISE – Research Institutes of Sweden, providing documented protection against deliberate intrusion.

### More information

- Protection against intrusion and sabotage
- Security class 3 (Resistance Class 3) according to SS-EN 1627
- Tested and approved by RISE – Research Institutes of Sweden
- Complete with Rala SLI – protection against lifting and intrusion
- Load class D400 according to SS-EN 124
- Assessed by Byggarubedömningen and SundaHus
- Ralaflex has achieved an Environmental Product Declaration (EPD) based on a life cycle assessment from "cradle to grave" in accordance with ISO 14025.
- Child-safe according to SS-EN 124 and the Swedish National Board of Housing, Building and Planning (Boverket) guidelines
- Expected technical service life exceeding 50 years
- Can be installed in existing facilities in operation
- Delivered fully assembled, tested, approved, and certified
- Customer-specific locking system with tool-operated key
- Prepared for sensor monitoring
- Low total cost of ownership thanks to concrete-free installation

### Typical applications

- Critical societal infrastructure
- Energy and power supply
- Telecommunications and data centers
- Water and wastewater facilities
- Locations requiring high or enhanced security

### What does RC3 mean?

RC3 (Resistance Class 3) is designed to withstand attacks using a crowbar, additional screwdriver, and hand tools such as a hammer, punch, and mechanical drill. The attacker is assumed to have some technical knowledge, time, and tolerance for noise.



HIGH SECURITY



RC3-CLASSIFIED:  
SS-EN 1627



TESTED AND  
APPROVED BY RISE



CHILD PROOF



READY FOR SENSORS



EDP-verified



Recommended by  
Byggarubedömningen



Approved i Sunda Hus



Protection against  
lifting and intrusion

## RALAFLEX RC3 (HIGH SECURITY)

Art. No.	Product	Outer sections	Inner sections	Cover (dimensions)	Opening	Section weight	Section with inner cover	Hardware	Base frame	Cover weight	Total weight
1102150S0000	Ralaflex Safety Manhole RC3 SLI 900 D400 750 mm deep	1064 × 768	900 × 600	1170 × 870	869 × 577	16 KG/PCS	51 KG	2.5 KG	9.5 KG	178 KG	305 KG
1103250S0000	Ralaflex Safety Manhole RC3 SLI 1200 D400 750 mm deep	1384 × 839	1220 × 675	1492 × 928	1199 × 648	20 KG/PCS	62.5 KG	2.5 KG	12 KG	243 KG	400 KG