

ROOFTOP FREESTANDING  
COUNTERWEIGHT ANCHOR

**SAFE AND  
VERSATILE**



LIFTING SLING  
ALSO AVAILABLE

THE ULTIMATE IN FALL PROTECTION



Fall Protection

# ROOFTOP FREESTANDING COUNTERWEIGHT ANCHOR

## THE ROOFTOP FREESTANDING COUNTERWEIGHT ANCHOR DOES NOT REQUIRE ATTACHMENT TO A WORKING SURFACE AND PROVIDES A SAFE AND VERSATILE FALL ARREST RATED TIE-OFF POINT

- Non-penetrating design does not attach to the working surface, reducing the possibility of damage
- Built-in shock absorbing post provides added safety to user and structure
- Fall arrest and restraint rated for one worker for jobsite versatility
- Swiveling Eye integrated into the assembly allows the worker to move freely 360°
- Approved for use on these roof types: concrete, bitumen membrane, asphalt sanded and asphalt stone chippings
- CE certified to EN795:1996 Class E for 1 user
- PVC-coated Base Plates offer increased durability, longevity and slip resistance
- Ideal for use on flat surfaces up to a maximum of 5 degrees slope/pitch
- Counterweights are 20kg (45lbs) each and come with an integral carrying handle for easy transport and set-up
- Lifting Sling is available for easy relocation of the Counterweight System on a roof



### COUNTERWEIGHT ANCHOR

- 2100180** Rooftop Freestanding Counterweight Anchor, includes: four rubber coated 20kg (45lbs) plates, twelve 20kg (45lbs) plates, Rooftop Anchor with swiveling eye
- 7200439** Single counterweight only, 20kg (45lbs)
- 2104190** Counterweight Anchor Lifting Sling

### SPECIFICATIONS

**Counterweight Plates:** cast iron, galvanized

**Rubberized Plates:** PVC coated cast iron

**“L” Bolts:** carbon steel, galvanized

**Roof Post and Base:** Post: aluminum (anodized silver), Base: steel (sheradized & powdercoated)

**Swiveling Eye:** stainless steel

**Lifting Sling:** polyester webbing with steel brackets (zinc plated)

**Standards:** EN795:1996 Class E. Max 1 user

## SAFE AND SECURE ANCHOR

The freestanding counterweight anchor provides a tie-off point for personnel performing work on flat roofs or structures. The anchor is fall arrest rated and can be used as a single anchor point system. After set-up, simply attach your shock absorbing lanyard, self retracting lifeline or rope grab and lifeline and you are ready to go.

## NON-PENETRATING DESIGN

This anchor is a counterweight type, simply placed on top of the working surface. The anchor's freestanding design installs without penetrating the roof sheathing or surface, saving valuable time and money. In addition, the design reduces the possibility of surface damage, roof leaks and voided roof warranties.

## SPECIALISED LOAD DISTRIBUTING DESIGN

This anchor incorporates a revolutionary shock absorbing system called SpiraTech™. The SpiraTech™ post (with tie-off point) has an integral energy absorber that deploys in a controlled manner to absorb the forces generated during a fall. This specialised design provides added safety to the attached worker and better distributes the forces to the anchor and structure. By limiting the forces this way, the integrity of the roof is also preserved.

## EASY INSTALLATION

Installation of the anchor system is simple, fast and efficient. Due to its modular design, the installer will never have to lift more than 20kg (45lbs). The entire system can be lifted by forklift or crane with our uniquely designed lifting kit and set into place for instant use.

## COUNTERWEIGHT SYSTEM ASSEMBLY STEPS



1 Align rubberised plates into square pattern using notches



2 Install the "L" bolts into the slots of the rubberised plates



3 Stack plates (weights) over bolts and onto rubberised plates



4 Set post and base onto the "L" bolts and plates



5 Install the remaining four plates and tighten bolts/nuts



6 Ready to use in conjunction with a lanyard, self-retracting lifeline, or rope and rope grab



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## GLOBAL LEADER IN FALL PROTECTION

3M | DBI-SALA is the Global leader in fall protection equipment, systems and anchors.

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