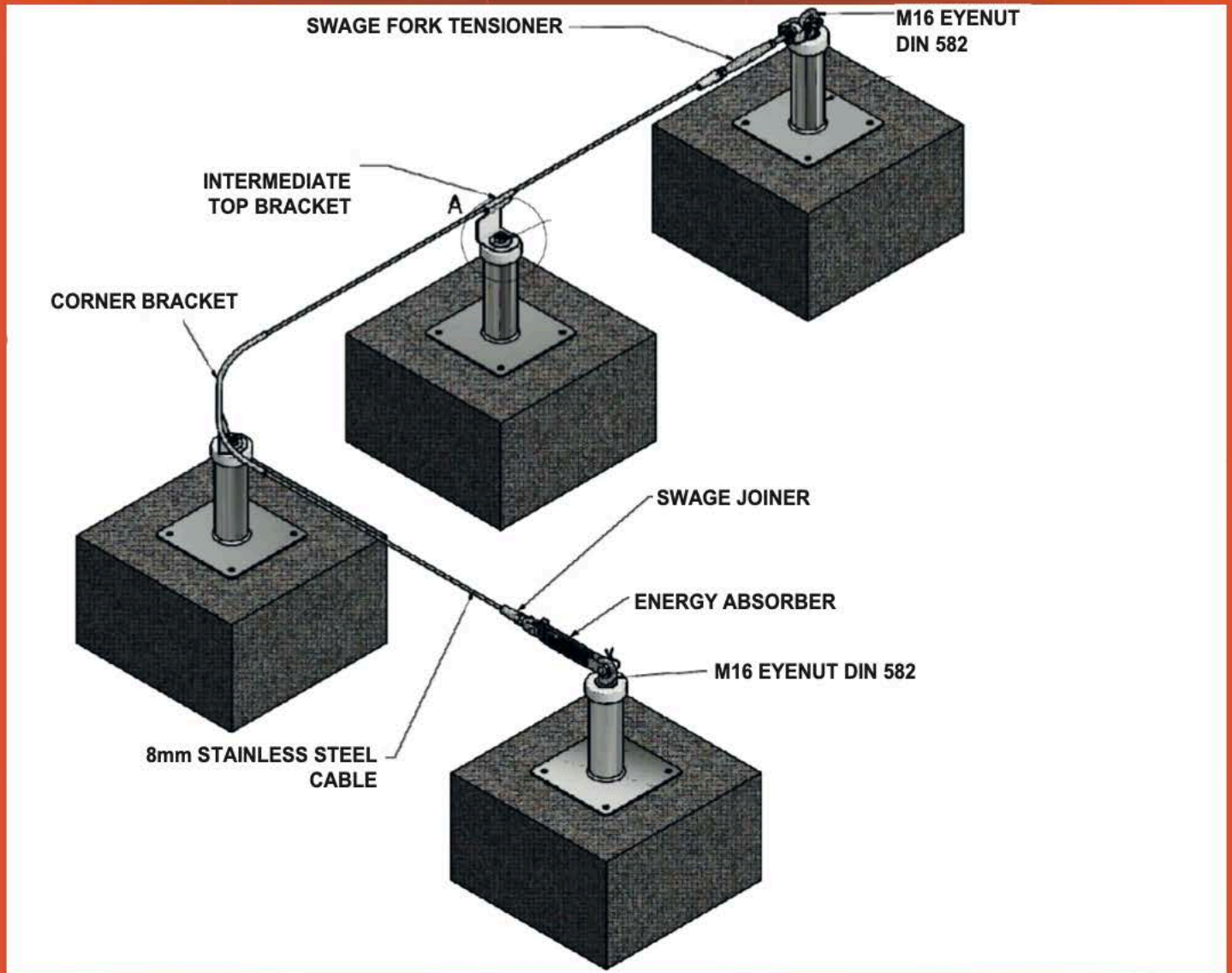


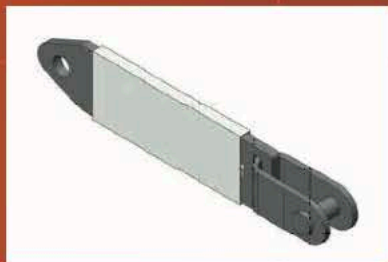


FALL ARREST SYSTEM SPECIFICATION

The lifeline is a horizontal flexible anchor line which complies with the EN 795:2012 Standard and CEN/TS 16415:2013. It therefore fulfill the static force test of 12kN for the first user and 1kN for each additional user (example:6 users max = 17 kN)



**M16
Eyenuit-DIN 582**



Energy Absorber



**Intermediate
Bracket**



Corner Bracket



Swage Fork Tensioner



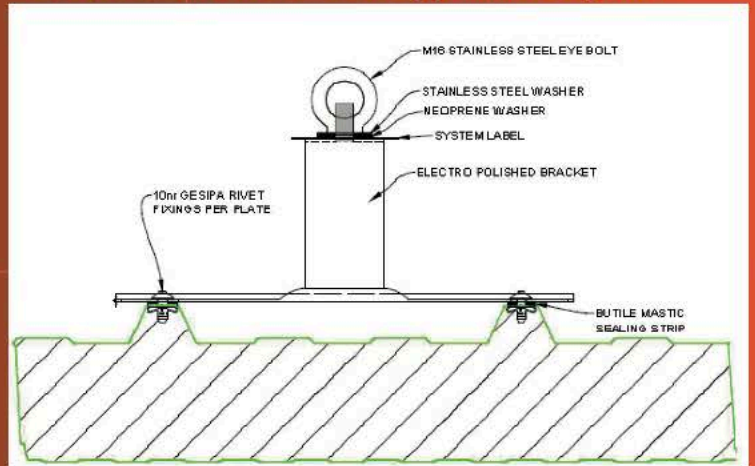
8mm Stainless Steel Wire Rope

COMPOSITE METAL PANEL ROOF SYSTEM

A safety line bracket system for installation on composite metal roof systems up to a 35 degree pitch. The brackets are installed on to the completed roof system with special type rivets that are designed for fall arrest standards and have an integrated neoprene seal. The brackets are installed with a sealing strip between the bracket and roof deck to ensure a leak proof installation. No additional sealing is required on completion of an installation. Both brackets and cable can be installed in a single visit. Brackets are manufactured in electro polished stainless steel to ensure long service life. Brackets are supplied in a standard length of 426mm with the mounting holes slotted to accommodate most leading makes of metal composite panels.

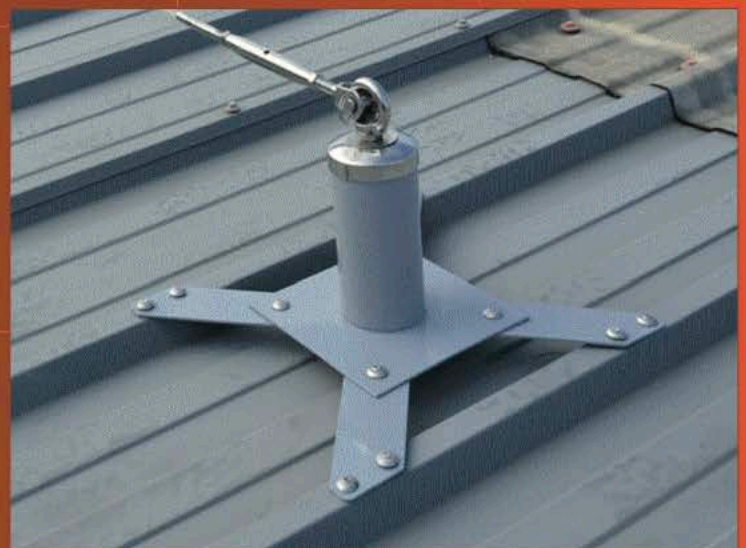
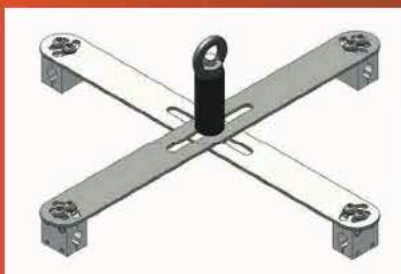


The safety line system is designed to operate as a fall restraint system or a fall arrest system depending on the layout design. All systems have built in shock absorbing units in each bracket and are fitted with an inline shock absorber on the end brackets. The shock absorbing capabilities when used together with a shock absorbing lanyard, will ensure that no more than 4kN force is exerted on the users at any point in the system.



STANDING SEAM ROOF SYSTEM

A safety line bracket system for installation on standing seam roof systems up to a 35 degree pitch. The brackets are installed onto the completed roof system with block clamps that are designed to prevent any penetration to the roof sheet. The unique scissor action allows the roof sheets to expand and contract with the atmospheric temperature preventing any pressure points on the roof. Brackets are supplied in Electro-polished steel. Block clamps are extruded aluminium and separated by washers to prevent galvanic corrosion. Brackets are supplied in a length suitable to accommodate standard roof peak widths of up to 500mm wide. Longer brackets which will accommodate a 1000mm seam are available on request. No additional sealing is required on completion of an installation.



ROPE ACCESS ABSEILING SYSTEM

The Rope access Systems may be proposed in cases where it is impractical to incorporate a fully permanent Facade access BMU cradle system into a building design or for the existing building which may not be able to accept the applied loads of permanent Facade Access BMU Cradle systems. Rope access Abseiling Systems are a range of anchorage devices or rails designed and installed specifically to allow access to high level facade via industries rope access techniques. They allow Spiderman worker to descent, ascent and traverse ropes to descent by a harness. The rope access systems are provided to reach into difficult small locations such as roof canopies, masts and special roof features. Several Europe Guidelines restrict the use of rope access for big facades.

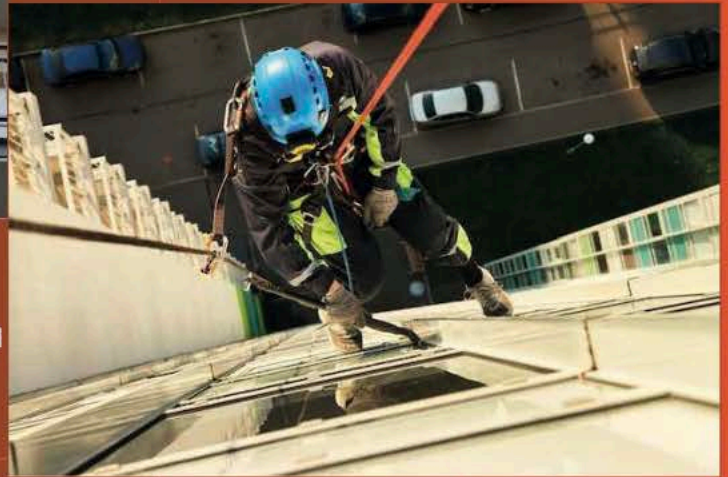
With this in mind, the rope access system is not suitable for tall building and large facades. Monorails are more and more often used to improve the efficiency of rope access works. Transwill offers custom designed Rope access Systems such as fixed anchorage points and Monorails which may be designed to suit the architectural & structural requirements.



ABSEILING ANCHORS

Abseiling Anchors are designed to be fixed to a structural substrate such as structural steel or concrete to provide suitable rope access connection points.

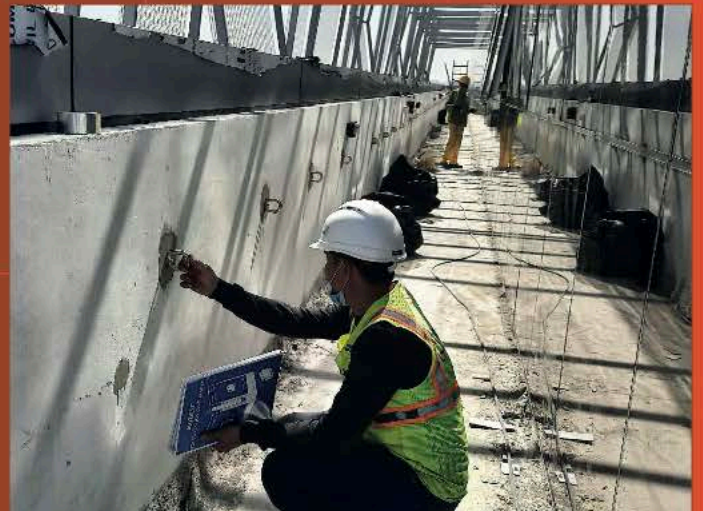
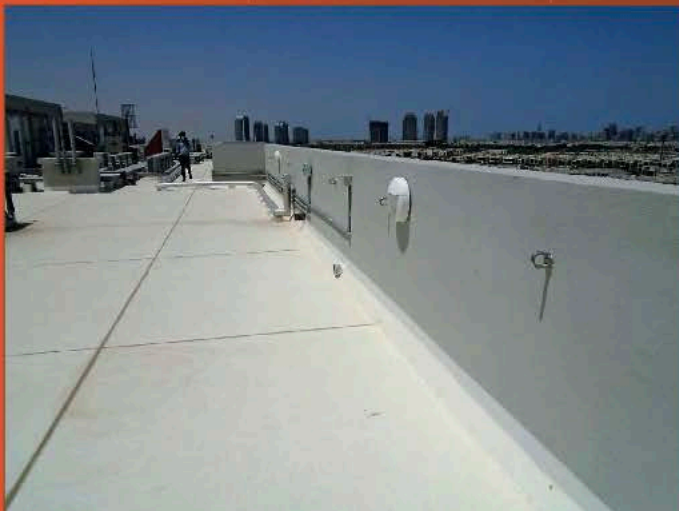
Abseiling Anchors are secured to concrete with resin anchors and to steelwork with stainless steel bolts, washers and lock nuts



ANCHOR SPECIFICATION



Size : M16
 Material : Stainless Steel
 Grade : 316
 Finish : Glossy
 Point Load : 15kN



ABSEILING RAILS

Abseiling Rails are designed to be fixed to a structural substrate such as structural steel or concrete to provide a continuous rope access connection point. The rail is supplied with a unique wheeled connection point which moves smoothly along the track and around any profiled corners and bends, without the need to disconnect.



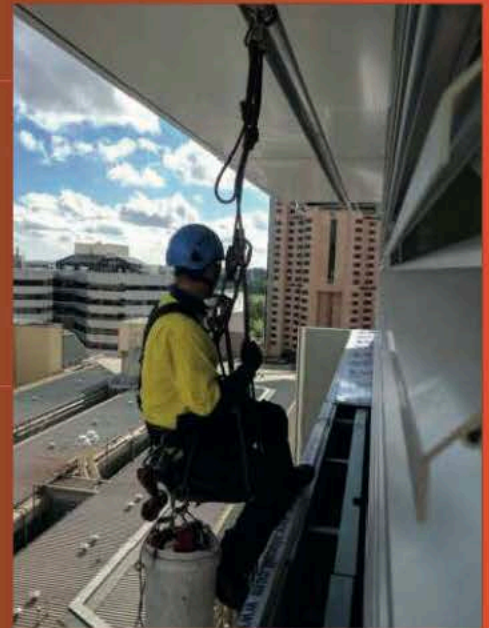
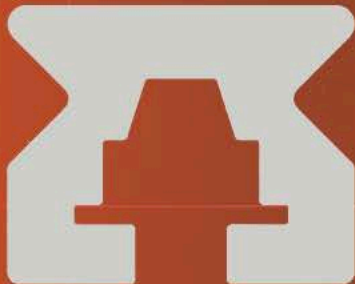
ABSEILING RAIL SPECIFICATION (01)

Material : Aluminium Alloy
Alloy : 6036-T6
Weight : 6.271 kg/m
Finish : Powder Coated to Standard RAL Color



ABSEILING RAIL SPECIFICATION (02)

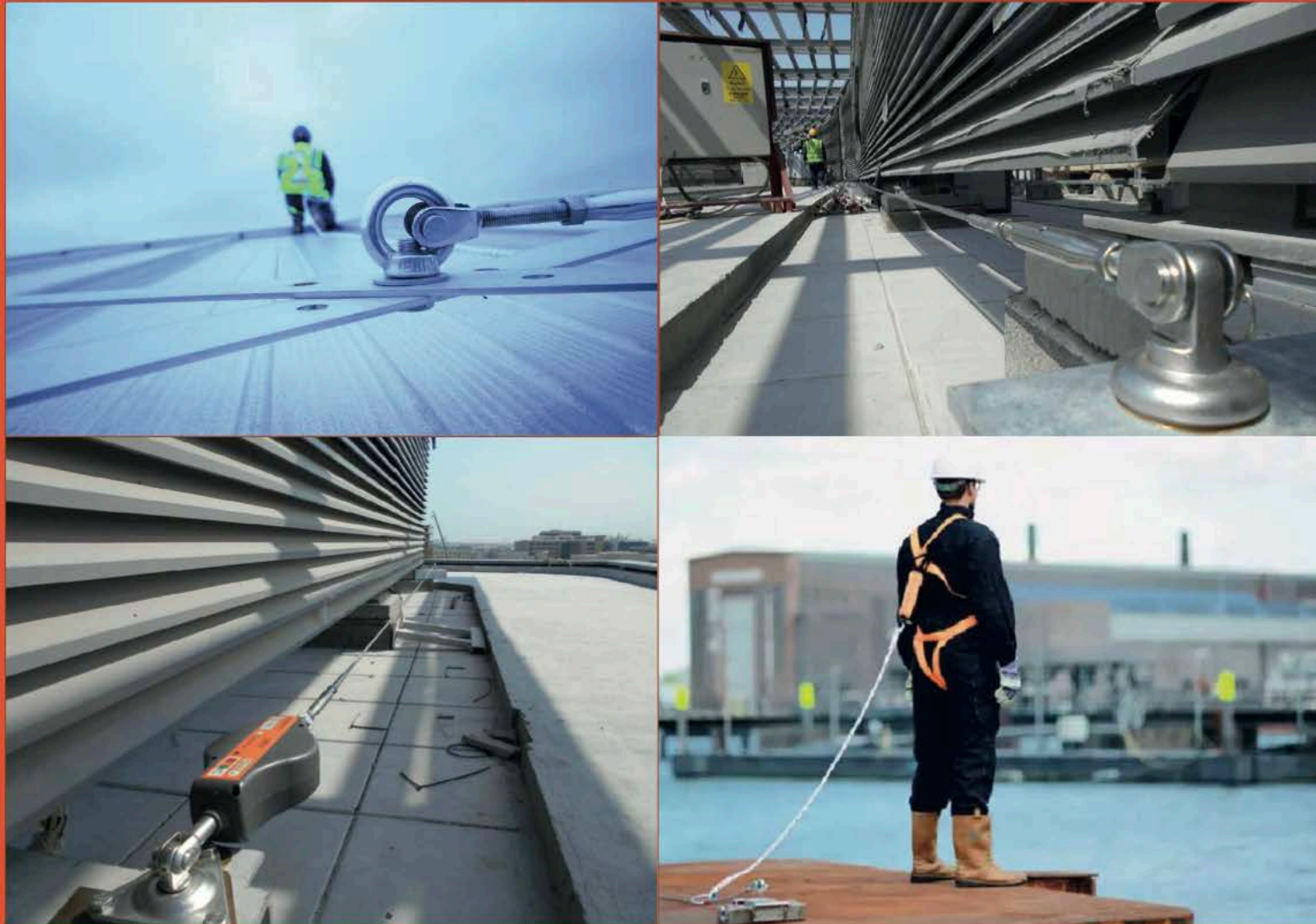
Material : Aluminium Alloy
Alloy : 6063-T6
Weight : 3.162 kg/m
Finish : Powder Coated to Standard RAL Color



ABSEILING RAIL SPECIFICATION (03)

Material : Aluminium Alloy
Alloy : 6063-T6
Weight : 5.895 kg/m
Finish : Powder Coated to Standard RAL Color





TRANSWILL ENGINEERING L.L.C.

Plot No. 597-608 | Dubai Investment Park-2
P.O Box : 231725 | United Arab Emirates
T: + 971 4 34 23 880 | F: + 971 4 34 23 881
Email : transwil@eim.ae | info@transwill.com
Web : www.transwill.com