



Metreel

**Safetrack[®], Safetrack[®] SIAB,
Safetrack[®] DUAL &
Safetrack[®] Aluminium**
Horizontal Rigid Anchor Rails

USER INSTRUCTIONS



Safetrack[®], Safetrack[®] SIAB & Safetrack[®] Aluminium Horizontal Rigid Anchor Rails

GENERAL

The **Safetrack[®]** system is a rigid horizontal enclosed rail system offering protection against falls whilst working at height and/or as an abseil anchorage. The system employs a mobile anchorage device, allowing persons to move freely and safely without the need to unhook/disconnect during work tasks. The number of users able to work simultaneously on each system is dependent upon the system size and span used. The **Safetrack[®]** complies with the European Standard EN795D:1997. The certification and assessment body SATRA Technology Centre, Wyndham Way, Telford Way, Kettering, Northampton NN16 8SD, United Kingdom (No 0321) has issued conformity certificate no's. 3672, 3673 & 3674.

SYSTEM CONFIGURATIONS

Safetrack[®] has a number of profile sizes all of which can be used under different situations. To determine the correct use of this system, please refer to the system labels which should be present around the entry points of the system. Alternatively the table below outlines the characteristics of each system type.

Fall Arrest Applications

Span	1m >	2m >	3m >	4m >	5m >	6m >	7m >	8m >	9m >	10m >	11m >	12m >
Number of Persons												
400 Safetrack [®] 2 Man (1 Metre)	2											
500 Safetrack [®] 4 Man (2 Metres)	4											
600 Safetrack [®] 4 Man (4 Metres)	4											
400SIAB Safetrack [®] 2 Man (5 Metres)	2											
500SIAB Safetrack [®] 2 Man (8 Metres) 4 Man (6 Metres)	4					2						
600SIAB Safetrack [®] 4 Man (12 Metres) 8 Man (8 Metres)	8								4			
500SIAB DUAL Safetrack [®] 8 Man (6 Metres)	8											
600SIAB DUAL Safetrack [®] 8 Man (10 Metres)	8											
AL360 Safetrack [®] Aluminium 2 Man (4 Metres) 4 Man (3.5 Metres) 6 Man (2.5 Metres)	6		4	2								
AL700 Safetrack [®] Aluminium 6 Man (6 Metres)	6											

Restraint Applications

Span	1m >	2m >	3m >	4m >	5m >	6m >	7m >	8m >	9m >	10m >	11m >	12m >
Number of Persons												
400 Safetrack® 2 Man (1.5 Metre) 4 Man (1.2 Metres)	4	2										
500 Safetrack® 2 Man (2.5 Metres) 4 Man (2 Metres)	4		2									
600 Safetrack® 2 Man (4 Metres) 4 Man (3 Metres)	4			2								
AL360 Safetrack® Aluminium 2 Man (2 Metres) 4 Man (1.5 Metres)	4	2										
AL700 Safetrack® Aluminium 2 Man (5 Metres) 4 Man (4 Metres)	4				2							

Abseil Applications

Span	1m >	2m >	3m >	4m >	5m >	6m >	7m >	8m >	9m >	10m >	11m >	12m >
500 Safetrack® (1.5 Metres)												
600 Safetrack® (3 Metres)												
AL360 Safetrack® Aluminium (3 Metres)												
500SIAB Safetrack® (5 Metres)												
AL700 Safetrack® (6 Metres)												
600SIAB Safetrack® (8 Metres)												

Maximum Working Angle (Fall Arrest)

Profile	2 Man	4 Man	8 Man
Safetrack® 400	0°	n/a	n/a
Safetrack® 400SIAB	15°	n/a	n/a
Safetrack® 500	30°	30°	n/a
Safetrack® 500SIAB	30°	15°	n/a
Safetrack® 500SIAB DUAL	30°	30°	30°
Safetrack® 600	30°	30°	n/a
Safetrack® 600SIAB	30°	30°	n/a
Safetrack® 600SIAB DUAL	30°	30°	30°
Safetrack® AL360	0°	0°	0°
Safetrack® AL700	30°	30°	30°

Maximum Cantilevers

Profile	Fall Arrest	Abseil	Fall Restraint
Safetrack® 400	0	n/a	0
Safetrack® 400SIAB	1000mm	n/a	n/a
Safetrack® 500	500mm	500mm	500mm
Safetrack® 500SIAB	1500mm	500mm	n/a
Safetrack® 500SIAB DUAL	750mm	n/a	n/a
Safetrack® 600	500mm	500mm	500mm
Safetrack® 600SIAB	2000mm	500mm	n/a
Safetrack® 600SIAB DUAL	1000mm	n/a	n/a
Safetrack® AL360	250mm	250mm	250mm
Safetrack® AL700	300mm	300mm	300mm



The **Safetrack®** systems are designed for Fall Arrest and/or Abseil applications. Systems must adhere to the characteristics given above. It is **IMPORTANT** to note that the system **MUST NOT** be used for any other applications, such as lifting of loads or anchoring other systems. If in doubt please contact the installer or manufacturer for advice.

INSTRUCTIONS FOR USE

The system may only be used by trained or otherwise experienced personnel or by persons who are under the direct supervision of such a person.

For Fall Arrest/Restraint applications the user **MUST** wear a full body harness according to EN361 and PPE (Personal Protective Equipment) for protection against falls from a height (e.g. those with shock absorbing capabilities according to EN354 and EN355, vertical guided type fall arresters according to EN353-2 or retractable type fall arrestors according to EN360).

The user **MUST** wear the above mentioned harness, connecting a single item from the PPE mentioned above to the back anchorage point of the harness. The other end of the PPE must then be directly attached to the anchorage connector supplied with the **Safetrack®** system. The use of multiple PPE or other proprietary items could affect the performance of the system and therefore unless advised in writing by the manufacturer, no other equipment should be used. *Please observe separate Harness and PPE Instructions as provided by the relative manufacturers.*

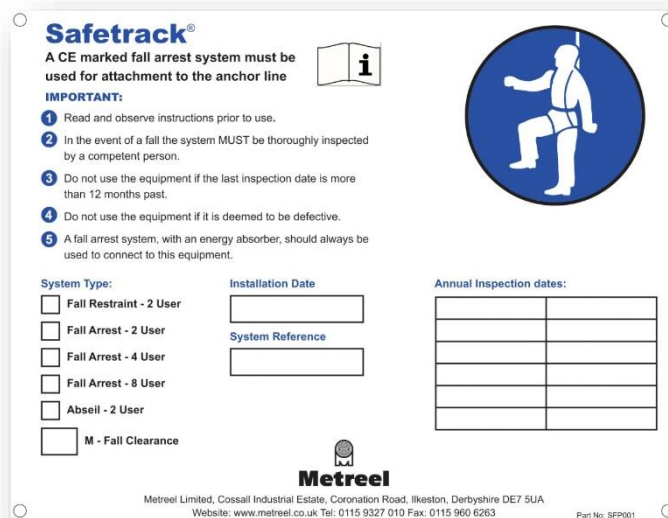
For abseil applications the user **MUST** familiarise themselves with the code of practice for the use of rope access methods for industrial purposes according to BS7985:2002, in particular section 8 "Selection of Equipment"

Prior to use the user **MUST** check that the system has been inspected and is in date. This should be recorded on the Installation Plate which is located at the entry point of the system. **DO NOT** use this system if the last inspection date exceeds 12 months (6 Months for Abseil Applications).

The user must be in good physical and psychological health when using this equipment. If in doubt, consult a doctor or an occupational physician. This equipment must not be used by pregnant women.

If the user has ANY doubt about the safe condition of the system they are required to refer their concerns to the installer or manufacturer and under no circumstances should the system be used until written confirmation from the installer or manufacturer is received advising that the system is in good order.

Before attaching to the anchorage connectors and only when in a safe location, check that the connectors move freely. Check that the end stops/bolts are present. These are installed to prevent the anchorage connectors from exiting the rail unintentionally.



Safetrack®
A CE marked fall arrest system must be used for attachment to the anchor line

IMPORTANT:

- 1 Read and observe instructions prior to use.
- 2 In the event of a fall the system **MUST** be thoroughly inspected by a competent person.
- 3 Do not use the equipment if the last inspection date is more than 12 months past.
- 4 Do not use the equipment if it is deemed to be defective.
- 5 A fall arrest system, with an energy absorber, should always be used to connect to this equipment.

System Type:

Fall Restraint - 2 User

Fall Arrest - 2 User

Fall Arrest - 4 User

Fall Arrest - 8 User

Abseil - 2 User

M - Fall Clearance

Installation Date:

System Reference:

Annual Inspection dates:

Metreel
Metreel Limited, Cossall Industrial Estate, Coronation Road, Ilkeston, Derbyshire DE7 5UA
Website: www.metreel.co.uk Tel: 0115 9327 010 Fax: 0115 960 6263 Part No: SFP001




User Instructions

The user shall ensure that a secure method of access/egress is available. If the user is not able to determine this, then he/she will obtain such an understanding from a qualified person.

Each user **MUST** attach their PPE directly to the anchorage connector utilising a karabiner to EN362 (not supplied), do not use any additional proprietary equipment in addition or in place of the karabiner without written permission of the installer or manufacturer. Each user **MUST** use a separate anchorage connector.

For abseil applications, a separate connector must be used to secure individual ropes i.e. two connectors per person are required.

TYPICAL ANCHORAGE CONNECTORS

						
Single Eye Trolley		Rotating Ring Trolley (Steel Wheels)		Rotating Ring Trolley (Nylon Wheels)		
Profile	Part No	Profile	Part No	Profile	Part No	Part No
Material : ZP & St. St		Material : ZP & St. St		Mat:	ZP	HDG
400	SF1410	400	SF424Ri	n/a		
500	SF1510	500	SF524Ri	500	SF524	SF524G
600	SF1610	600	SF624Ri	600	SF624	SF624G
AL360	SF1510	AL360	SF524Ri	AL360	SF524	SF524G
AL700	SF1610	AL700	SF624Ri	AL700	SF624	SF624G

Although the system itself does not deflect and the use of appropriate PPE should reduce the fall clearance to a minimum. It is necessary that the falling distance for the PPE being used is selected to ensure that in the event of a fall the user will not hit any objects surrounding the working area.



MAINTENANCE

All **Safetrack**® systems should be inspected every 12 months for fall arrest applications and 6 months for abseil applications (or shorter periods if installed in corrosive environments) by a competent person, following the general guidelines identified in our Installation and Maintenance Instructions. If any repairs or alterations are required these **MUST** be carried out according instructions provided in writing by the manufacturer.

Static and dynamic loads should never be applied to a fall arrest system during inspection/ maintenance routines, however for abseil applications it will be necessary for the testing company to carry out a load test equal to 250kgs to prove the integrity of the system for two persons. These tests should be applied at typical bracket positions, joints and mid spans.

All associated PPE should be inspected and maintained according to the manufacturer's instructions.

STORAGE AND CARE

The system and all components including the personal protective equipment shall be protected from harmful environments.

The following applies for all **Safetrack**® components:

- Avoid contact with and contamination by aggressive substances.
- Protect from mechanical loading / damage.

Refer to separate manufacturer instructions for the safe storage and care of all associated PPE.



INSPECTION RECORD

The following table should be used to record the inspection carried out on the system. As stated previously this should be carried out by a competent person. If in doubt please contact the installer or manufacturer.

System Reference		Installed Date	
System Location			
Installer Name			
Installer Address			
Installer Tel No			
Signed Off By (Print)		Signature	

Inspection No/Ref.	Inspection Date	Inspected By (Name & Address)	Remarks

User Instructions



Inspection No/Ref.	Inspection Date	Inspected By (Name & Address)	Remarks

User Instructions