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SINGLE POINT ANCHORS

SYSTEM FEATURES

POSSIBLE LOCATIONS

Floor, wall or overhead (soffit)

ADVANTAGES	
Building Design	Can accommodate most façade shapes (incorporating little or no vertical variation)
Use	Familiar as a standard anchor system to the average Rope Access technician

DISADVANTAGES Additional edge protection may be Use needed during use Relative Moving between anchors (for repositioning) requires connecting Inherent and disconnecting repeatedly -Risk higher risk exposure for users Rescues may be complex Rescue **Potential** Open to abuse - e.g. as rigging lugs for lifting purposes **Abuse**

COST FEATURES

SHORT-TERM (INITIAL INVESTMENT / CAPITAL EXPENDITURE)

- Cost-effective installation low initial investment
- Provided that access to the area is easy, installation is relatively quick and cost effective

- Some types of installations (such as aid anchors) can be slow and relatively costly to inspect and certify annually
- Aid anchors are slow to move around on setup and work pace is slow, potentially increasing cleaning and maintenance costs













POP-UP ANCHOR

SYSTEM FEATURES

POSSIBLE LOCATIONS

Floor, wall or overhead (soffit)







ADVANTAGES Building Design Can accommodate most façade shapes (incorporating little or no vertical variation) Anchor can be concealed for more appealing aesthetic finish Use Familiar as a standard anchor system to the average Rope Access technician

DISADVANTAGES

Building Design	Can only be placed in good quality non-cracked concrete
	Large diameter holes are required - potential for interfering with reinforcing or PT cables
Relative Inherent Risk	Moving between anchors (for repositioning) requires connecting and disconnecting repeatedly - higher risk exposure for users
Rescue	Rescues may be complex
Potential Abuse	Open to abuse - e.g. as rigging lugs for lifting purposes



COST FEATURES

SHORT-TERM (INITIAL INVESTMENT / CAPITAL EXPENDITURE)

- Relatively costly installation higher initial investment
- Larger diameter holes are required takes more time to install

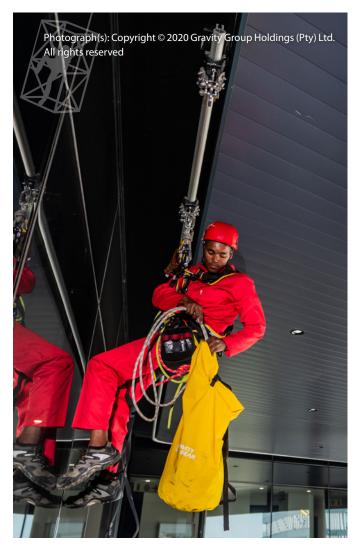
- Some types of installations (such as aid anchors) can be slow and relatively costly to inspect and certify annually
- Aid anchors are slow to move around on setup and work pace is slow, potentially increasing cleaning and maintenance costs

SECURAIL PRO

SYSTEM FEATURES

POSSIBLE LOCATIONS

Floor, wall or overhead (soffit)



ADVANTAGES		
Building Design	Can accommodate most façade shapes (incorporating little or no vertical variation)	
	The system can be semi-concealed or incorporated as design feature for a more appealing aesthetic finish	
Use	Quick and easy to move and position on and along the system.	
	No connecting and disconnecting of safety attachments to move along the system	
Relative Inherent Risk	Low risk exposure for users - no need to disconnect and reconnect during use	
Rescue	Easier to execute rescues	
DISADVANTAGES		
Installation	Longer lead times on materials	

Induction training is required

Open to abuse - e.g. as rigging

system for lifting purposes

before users may use the system

Use

Potential

Abuse



COST FEATURES

SHORT-TERM (INITIAL INVESTMENT / CAPITAL EXPENDITURE)

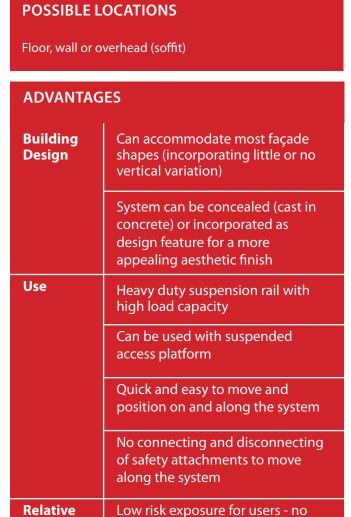
• Relatively costly installation - higher initial investment

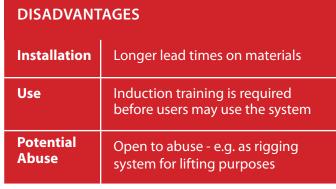
- Annual inspection fairly quick and cost effective
- Users can use and move along the system fast and efficiently, making for faster, more cost effective works (i.e. savings on cleaning and maintenance work)

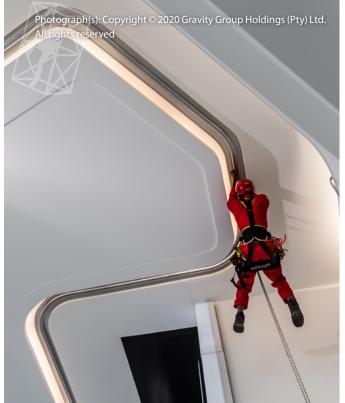


SAFEACCESS RAIL

SYSTEM FEATURES









COST FEATURES

SHORT-TERM (INITIAL INVESTMENT / CAPITAL EXPENDITURE)

• Relatively costly installation - higher initial investment

LONGER-TERM (RECERTIFICATION AND MAINTENANCE / IMPLICATION FOR USE OF SYSTEM)

- Annual inspection fairly quick and cost effective
- Users can use and move along the system fast and efficiently, making for faster, more cost effective works (i.e. savings on cleaning and maintenance work)
- System load capacity is higher, with potential for use during façade maintenance



during use

need to disconnect and reconnect

Easier to execute rescues

Inherent

Risk

Rescue

CLIMBING RAIL

SYSTEM FEATURES

POSSIBLE LOCATIONS

Wall or overhead (soffit)		
ADVANTAG	ES	
Building Design	Can accommodate most façade shapes (incorporating up to 70% vertical incline)	
	System can be concealed (cast in concrete) or incorporated as design feature for a more appealing aesthetic finish	
Use	Heavy duty suspension rail with high load capacity	
	Can be used with suspended access platform	
	Quick and easy to move and position on and along the system	
	No connecting and disconnecting of safety attachments to move along the system	
Relative Inherent Risk	Low risk exposure for users - no need to disconnect and reconnect during use	
Rescue	Easier to execute rescues	

DISADVANTAGES	
Installation	Longer lead times on materials
Use	Induction training is required before users may use the system
Potential Abuse	Open to abuse - e.g. as rigging system for lifting purposes

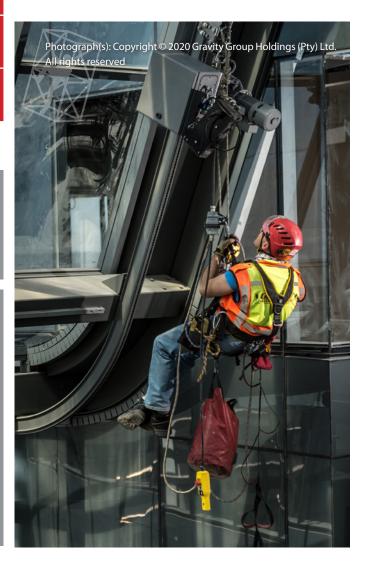
COST FEATURES

SHORT-TERM (INITIAL INVESTMENT / CAPITAL EXPENDITURE)

• Relatively costly installation - higher initial investment

- Annual inspection fairly quick and cost effective
- Users can use and move along the system fast and efficiently, making for faster, more cost effective works (i.e. savings on cleaning and maintenance work)
- System load capacity is higher, with potential for use during façade maintenance





DAVIT ARM



SYSTEM FEATURES

POSSIBLE LOCATIONS

Floor

ADVANTAGES		
Building Design	Obstacles like non-trafficable coping or exposed/proud facades can be successfuly navigated	
	Can accommodate most façade shapes (includes facades that incorporate inclined surfaces)	
	Davit Arm can be concealed by storing out of sight for a more appealing aesthetic finish	
Use	Single base can cover a relatively wide area (around 2.5m), instead of having multiple single point anchors	
	Single arm can be used on multiple bases	
	Relative light weight aluminium	

DISADVANTAGES	
Building Design	More than one base is generally required to cover access for a façade
Use	Setup requires user to attach to the system and ascend from the bottom
	Induction training is required before users may use the system
Relative Inherent Risk	Moving arms between bases (for repositioning) requires connecting and disconnecting repeatedly - higher risk exposure for users
Storage	Storage is required for the Davit Arm
Potential Abuse	Open to abuse - e.g. as rigging system for lifting purposes
Rescue	Rescues may be complex

COST FEATURES

SHORT-TERM (INITIAL INVESTMENT / CAPITAL EXPENDITURE)

• Relatively costly installation - higher initial investment

- Annual inspection fairly cost effective
- Setup and moving of one system requires at least two persons potentially relatively slow and costly



MOBILE DAVIT ARM

SYSTEM FEATURES

POSSIBLE LOCATIONS

1 035IDEE EOCHTIONS		
Floor		
ADVANTAC	GES	
Building Design	Obstacles like non-trafficable coping or exposed/proud facades can be successfuly navigated	
	Can accommodate most façade shapes (includes facades that incorporate inclined surfaces)	
	Davit Arm can be concealed by storing out of sight for a more appealing aesthetic finish	
	No permanently installed base plates are required	
Use	Single base can cover a relatively wide area (around 2.5m), instead of having multiple single point anchors	
	Single system can potentially provide access to entire façade for one person	

DISADVANTAGES	
Building Design	Requires a clear, flat, level roof surface with minimum 800kg load capacity, that is free from obstacles, in order to move the system around
	Depending on layout of roof, more than one system may be required
Use	Setup requires user to attach to the system and ascend from the bottom
	Relative heavy weight of the system when moving it between positions
	Induction training is required before users may use the system
Relative Inherent Risk	Moving system between positions requires connecting and disconnecting repeatedly - higher risk exposure for users
Storage	Storage is required for the Davit Arm
Potential Abuse	Open to abuse - e.g. as rigging system for lifting purposes
Rescue	Rescues may be complex

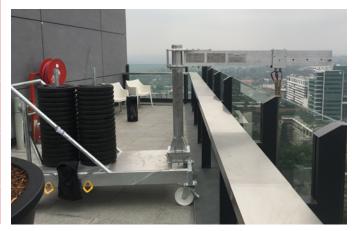


COST FEATURES

SHORT-TERM (INITIAL INVESTMENT / CAPITAL EXPENDITURE)

Relatively costly installation - higher initial investment

- Annual inspection fairly cost effective
- Setup and moving of one system requires at least two persons potentially relatively slow and costly





SINGLE POINT ANCHORS

SYSTEM FEATURES

POSSIBLE LOCATIONS

Floor, wall or overhead (soffit)

ADVANTAGES	
Building Design	Can accommodate most façade shapes (incorporating little or no vertical variation)
Use	Familiar as a standard anchor system to the average Fall Arrest technician

DISADVANTAGES	
Use	May require the use of edge resistant PPE
Relative inherent risk	Moving between anchors (for repositioning) requires connecting and disconnecting repeatedly - higher risk exposure for users
Potential abuse	Open to abuse - e.g. as rigging lugs for lifting purposes
Rescue	Rescues may be complex



COST FEATURES







SHORT-TERM (INITIAL INVESTMENT / **CAPITAL EXPENDITURE)**

- Cost-effective installation low initial investment (lifelines may be more cost effective for larger areas)
- Provided that access to the area is easy, installation is relatively quick and cost effective

LONGER-TERM (RECERTIFICATION AND MAINTENANCE / IMPLICATION FOR USE **OF SYSTEM)**

Cost effective to inspect and certify annually





POP-UP ANCHOR

SYSTEM FEATURES

POSSIBLE LOCATIONS

Floor, wall or overhead (soffit)

ADVANTAGES		
Building Design	Can accommodate most façade shapes (includes facades that incorporate inclined surfaces)	
	Anchor can be concealed for more appealing aesthetic finish	
Use	Familiar as a standard anchor system to the average Fall Arrest technician	



DISADVANTAGES	
Building Design	Can only be placed in good quality non-cracked concrete
	Large diameter holes are required - potential for interfering with reinforcing or PT cables
Use	May require the use of edge resistant PPE
Relative Inherent Risk	Moving between anchors (for repositioning) requires connecting and disconnecting repeatedly - higher risk exposure for users
Potential Abuse	Open to abuse - e.g. as rigging lugs for lifting purposes
Rescue	Rescues may be complex



COST FEATURES

SHORT-TERM (INITIAL INVESTMENT / CAPITAL EXPENDITURE)

• Relatively costly installation - higher initial investment

LONGER-TERM (RECERTIFICATION AND MAINTENANCE / IMPLICATION FOR USE OF SYSTEM)

• Cost effective to inspect and certify annually







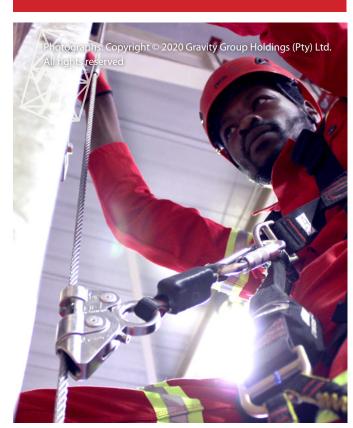
FALL ARREST LIFELINES



SYSTEM FEATURES

POSSIBLE LOCATIONS

Floor, wall or overhead (soffit)



ADVANTAGES		
Building Design	Can accommodate most façade shapes (includes facades that incorporate inclined surfaces)	
Use	Familiar as a standard anchor system to the average Fall Arrest technician	
	Quick and easy to move and position on and along the system	
	No connecting and disconnecting of safety attachments to move along the system	
Relative Inherent Risk	Low risk exposure for users - no need to disconnect and reconnect during use	

DISADVANTAGES

Potential Abuse Open to abuse - e.g. as rigging point for lifting purposes, or as rope access anchor system

COST FEATURES

SHORT-TERM (INITIAL INVESTMENT / CAPITAL EXPENDITURE)

• Relatively costly installation - higher initial investment (single point anchors may be more cost effective for smaller areas)

- Annual inspection fairly quick and cost effective
- Users can use and move along the system fast and efficiently, making for faster, more cost effective works (i.e. savings on cleaning and maintenance work)



FALL ARREST RAILS



POSSIBLE LOCATIONS

Floor, wall or overhead (soffit)

ADVANTAGES	
Building Design	Can accommodate most façade shapes (includes facades that incorporate inclined surfaces)
Use	Familiar as a standard anchor system to the average Fall Arrest technician
	Quick and easy to move and position on and along the system
	No connecting and disconnecting of safety attachments to move along the system
Relative Inherent Risk	Low risk exposure for users - no need to disconnect during use

DISADVANTAGES

Potential Abuse	Open to abuse - e.g. as rigging point for lifting purposes
Rescue	Rescues may be complex

COST FEATURES

SHORT-TERM (INITIAL INVESTMENT / CAPITAL EXPENDITURE)

• Relatively costly installation - higher initial investment (single point anchors may be more cost effective for smaller areas)

- Annual inspection fairly quick and cost effective
- Users can use and move along the system fast and efficiently, making for faster, more cost effective works (i.e. savings on cleaning and maintenance work)





