

SYSTEM SELECTION CRITERIA FOR ALL ACCESS SYSTEMS

SAYFA GROUP

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ACCESS SYSTEMS
SELECTION CRITERIA

SAYFA GROUP

Sayfa Group leads the industry in the design, installation and management of access & fall protection safety systems.

The In-Action model demonstrates access & fall protection requirements for a commercial building design.

Sayfa Group recommendations fulfill current workplace requirements for the safety of building maintenance subcontractors, employees and the general public.

1	KOMBI	Stairs & Service Platforms
2	RAPTOR	Davit and Needle Arms
3	SENTRY	Hatch Guardrail Kits
4	VISTA	Fold Down Ladders
5	3SIXTY	Fall Arrest Anchors
6	RAPTOR	Rigid Rail Systems

7	TRAVEL8	Static Line Systems
8	SENTRY	Roof Mount Guardrails
9	KATT	Rung Ladder Systems
10	PACE	Aluminium Walkways
11	ALTO	Step Ladders & Step Bridges
12	PROTEX	Skylight Protectors

SAYFA LIBRARY

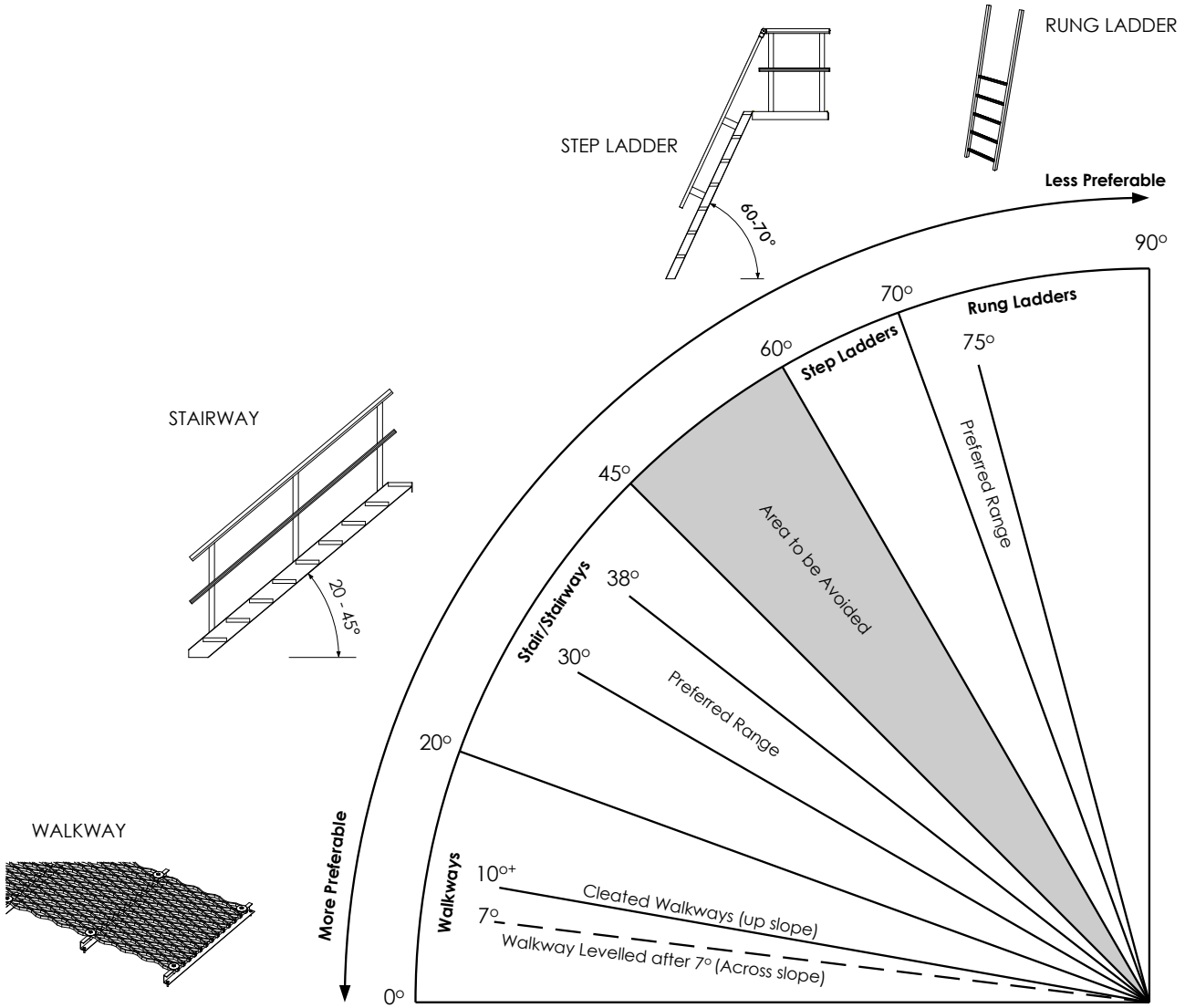
For more information, please contact Sayfa Group directly.



ACCESS ACCORDING TO THE HIERARCHY OF CONTROLS

ANGLES OF SLOPE GUIDELINES

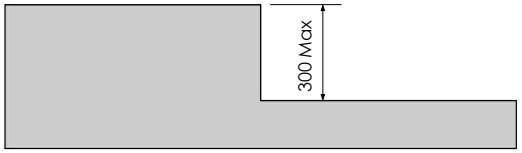
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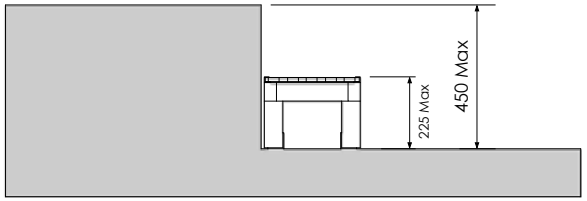
ACCESS ACCORDING TO THE HIERARCHY OF CONTROLS

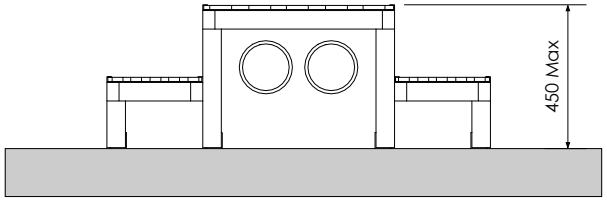
CHANGE IN LEVEL

DRG No. 4133 REV 3

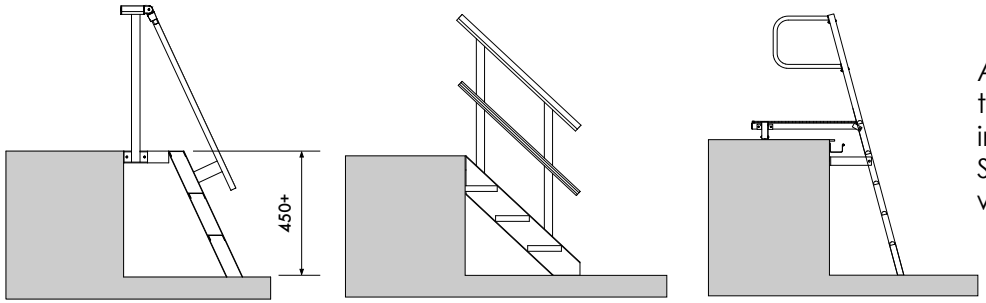


Where the level of a walkway above an adjacent walkway or floor is 300 mm or less, access from one level to the other may be gained without the provision of an intermediate step.





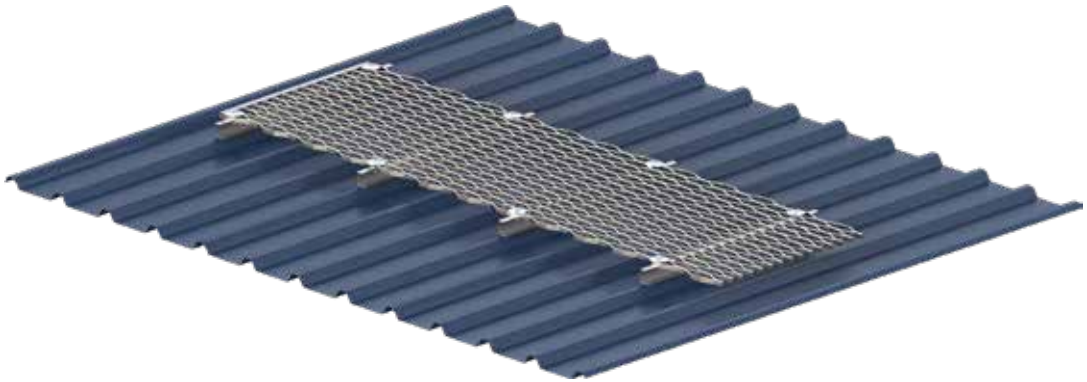
Where the change of level is greater than 300 mm but does not exceed 450 mm, a minimum of one intermediate step shall be provided.



Access between adjacent levels where the difference exceeds 450 mm shall be in accordance with the requirements of Section 7 or by means of a sloping walkway complying with Section 5.

LEVEL WALKWAY

GW8 ALUMINIUM WALKWAY



SITUATION

Angle
0° to 3°

Application
Roof access
Access between service platforms
Plant or maintenance access

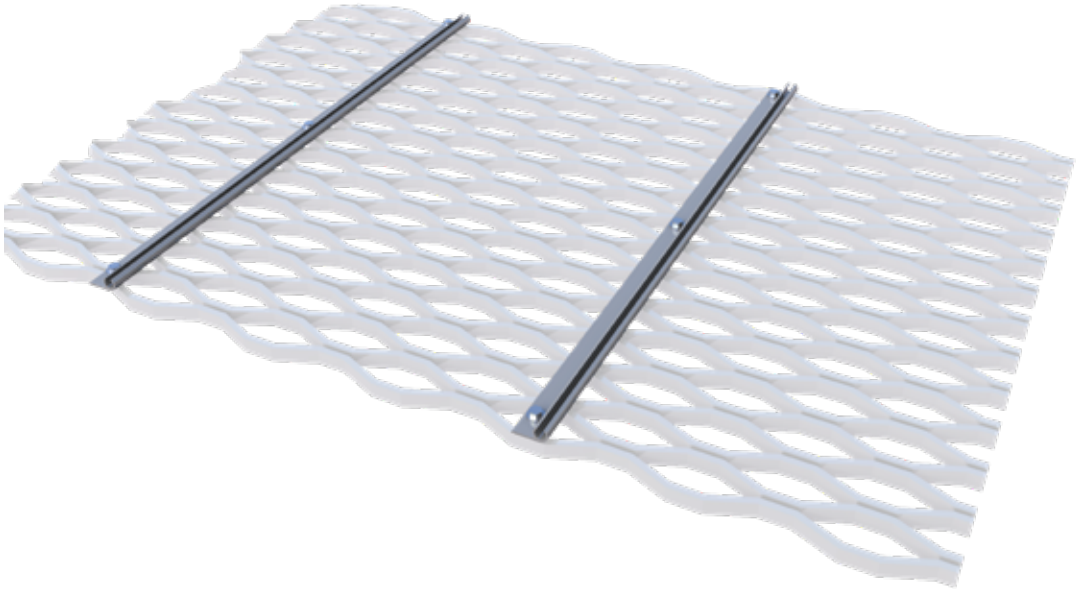
Considerations
- Frequent access required
- Suitable for use when light loads or tools need to be carried

LIMITATIONS

Slip resistance of walking surface and damage protection to light gauge substrate (e.g. metal roof deck). Guardrail required when the cross fall slope is >12 degrees or the directional slope is ≥15 degrees.

SLOPING / CLEATED WALKWAY

GW340 WALKWAY, CLEAT



SITUATION

Angle
3° to 20°

Application
Warehouse loading area access
Access across unsafe areas
Access across inclined roof areas

Considerations
- Suitable for use where there is a small vertical distance
- Good for emergency evacuations
- Suitable for two-way traffic
- Less physical effort required than stairs or ladders
- Transverse walkways to have a level walking surface to be carried

LIMITATIONS

Guardrailing complying with AS1657 and incorporating handrails may be required
Fall protection required when angle of slope is 12° or greater
Width of walkway to be selected to suit expected use

STAIRWAYS

KS30 STAIRS AND PLATFORM



SITUATION

Angle
20° to 45°

Application
Roof access
Access between service platforms
Plant or maintenance access

Considerations
- Frequent access required
- Suitable for use when light loads or hand tools need to be carried
- Good for low to medium heights
- Suitable for emergency evacuations
- Suitable for two way traffic
- Less physical effort required than ladders

LIMITATIONS

Not less than 2 risers
Maximum height of single flight is 4050mm (18 risers at 225mm)
Width and angle of stair to be selected to suit expected use

STEP TYPE LADDERS

ST582M MODULAR STEP LADDER WITH PLATFORM



SITUATION

Angle
60° to 70°

Application
Mobile plant access
Vehicle load access
Access to low level landings or platforms
Step-over for pipework or other obstructions

Considerations
- Periodic access
- 6.0M maximum vertical distance between landings
- Use if there is no need to carry loads or large tools
- The structure precludes other preferred methods of access

LIMITATIONS

Ensure that persons using the ladder can only do so when facing the ladder
Consider need for restricted access or locked-off

RUNG TYPE LADDERS

RL33 ANGLED CAGE LADDER



SITUATION

Angle
70° to 90°

Application
Access to plant or structure where limited space precludes other forms of access
Towers or masts
Mobile plant

Considerations
- Infrequent access
- 6.0M maximum vertical distance between landings
- There is a need to carry large tools or equipment
- Not specifically intended for evacuation purposes
- Physically harder to use than other types of access

LIMITATIONS

Ladders exceeding 6.0M in fall distance require a cage or fall protection device. (3.5m recommended)
Generally intended for single person use
Consider need for restricted access or locked-off access.

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FOR MORE INFORMATION
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SAYFA GROUP

WE SAVE LIVES

This is our Mission, and it drives our Vision to BRING EVERY WORKER HOME SAFELY.

Sayfa Group leads the industry in the design, installation and management of access and fall protection systems. As an Australian owned company, we engineer and rigorously test our proprietary systems to exceed national and international standards. Simple installation and easy to use systems are our key drivers for ensuring maximum effectiveness and improved safety ensuring compliance with Occupational Health and Safety standards in the workplace.

OUR VALUES

Today in the face of a fast paced world, SAYFA works hard in the pursuit of excellence for the company, its people and its clients in view of a more prosperous future and leaving its inheritance for generations, for safer workspaces. This is represented in our core values.

Care - A personal eye for detail and genuine effort to support on-site installation complexities and to ensure nothing is overlooked.

Trust – No compromise. Trust in our people, our products, our installers.

Leadership – We are hungry, humble, and committed to take ownership of being leaders in our space.

Innovation – Modular, functional, intelligent. We create safety. We anticipate change.

Agility – Athletic, intense, ready to adapt, executed with precision.

COMMITMENT

We are passionate about our work with every product a testament to our commitment of world class safety, quality and performance. Our obligation is to live up to our own high standards as well as those of our customers and stakeholders ensuring total peace of mind.

Designed and manufactured by Sayfa Group. For all technical assistance contact Sayfa Group. SAYFAGROUP - 16.05.2023

ISO 9001:2015
QMS Certification