SUPER QUICK LADDER

The Supper Quick Ladder has been used in the Modern Railcars for the Emergency Evacuation to achieve Safety of the Passengers.

Easy Handling

Usable by Anybody

Light Weight

Various Application

Speedy Evacuation

Faldable Compact

TECHNO ACE Ltd.

Special Ladder Manufacture Ltd.

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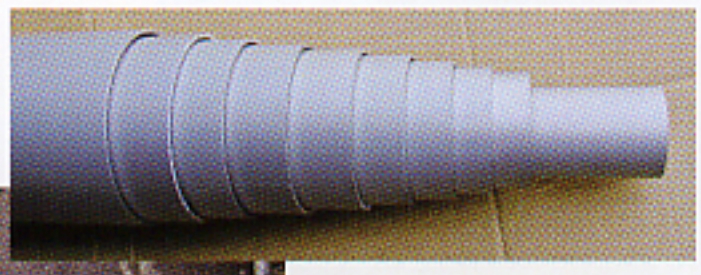
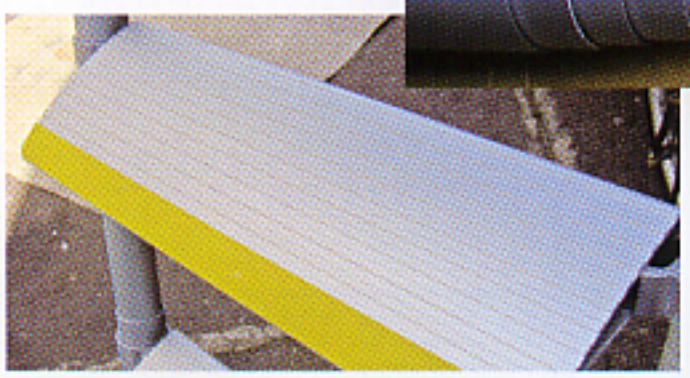
Technoace

Standard Ladder
(7-Steps type)

Total Length 2,698mm
Effective Length 1,600 ~ 2,400mm
Net Weight 15kg
Dimensions when folded to store
(Length:1,177mm)
(Width:535mm)
(Depth:163mm)

Frame and Handrail

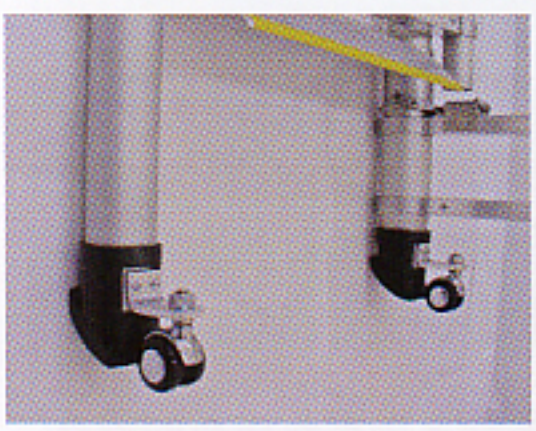




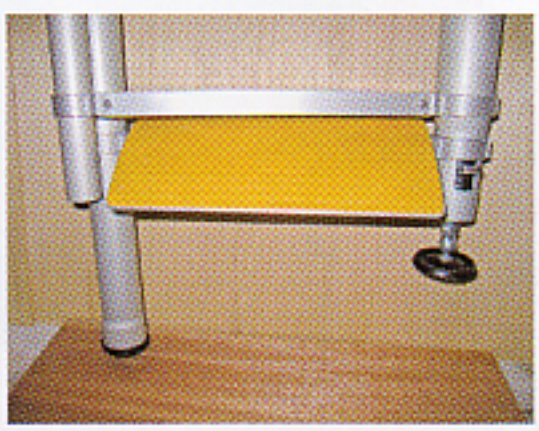
Foot Step

Emergency Evacuation from Car End

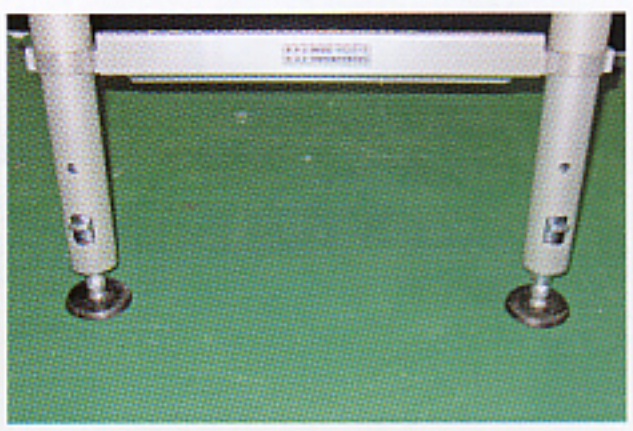
Selection of Foot to suit the groud condition



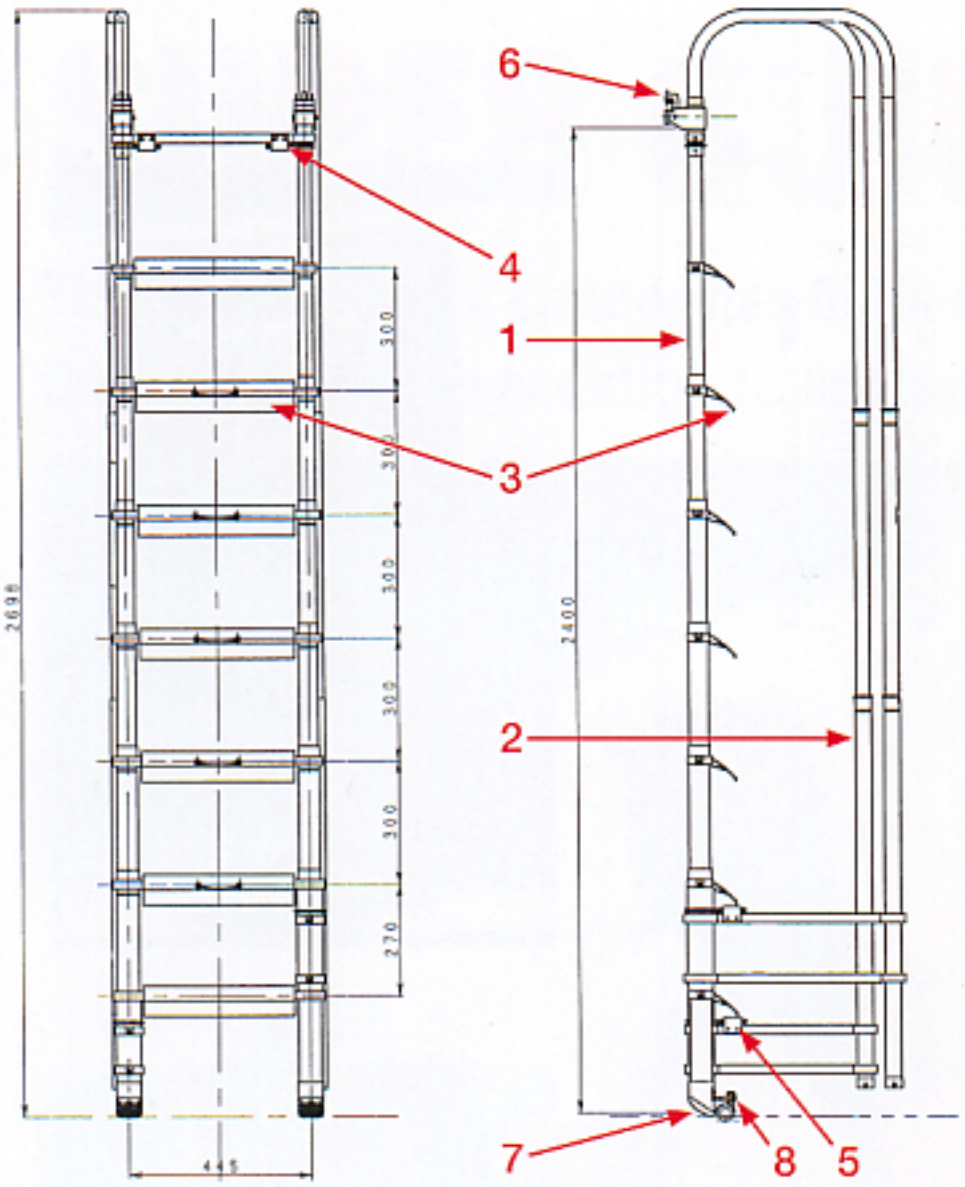
Fixed Foots



Fixed Foot + adustable Foot

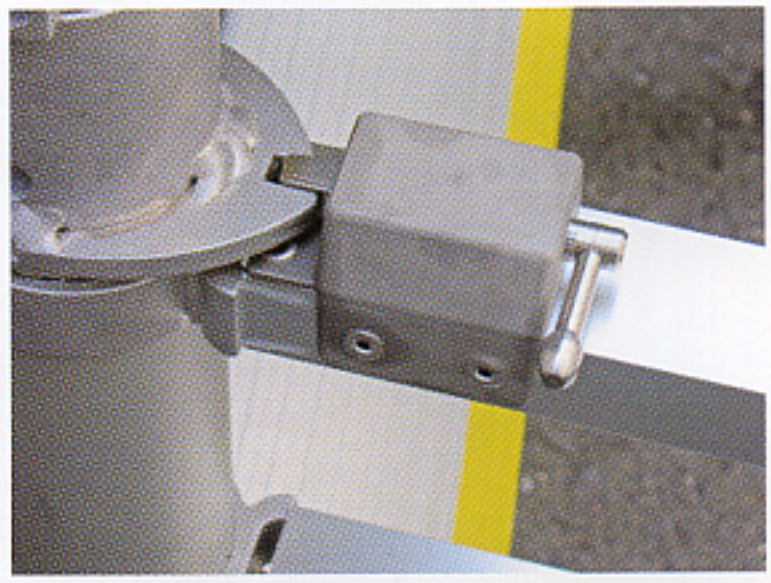


Adjustable Foots



7-Step Type

ITEM	PART NAME	MATERIAL
1	Frame	Aluminum-alloy
2	Handrail	Aluminum-alloy
3	Foot Step	Aluminum-alloy
4	Handrail Latch	Stainless Steel
5	Handrail Latch	Stainless Steel
6	Ladder Hook	Aluminum-alloy
7	Rubber Pedestal	Synthetic Rubber
8	Caster	Synthetic Resin



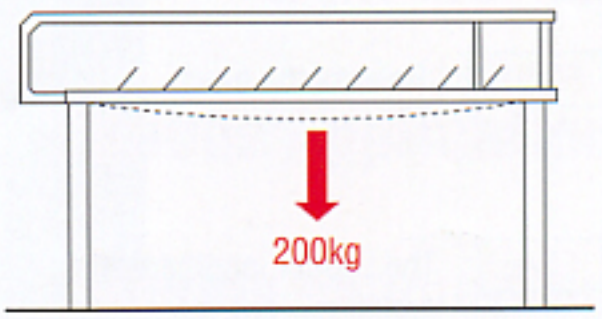
Fastening Latch of Handrail

Strength Test of Ladder

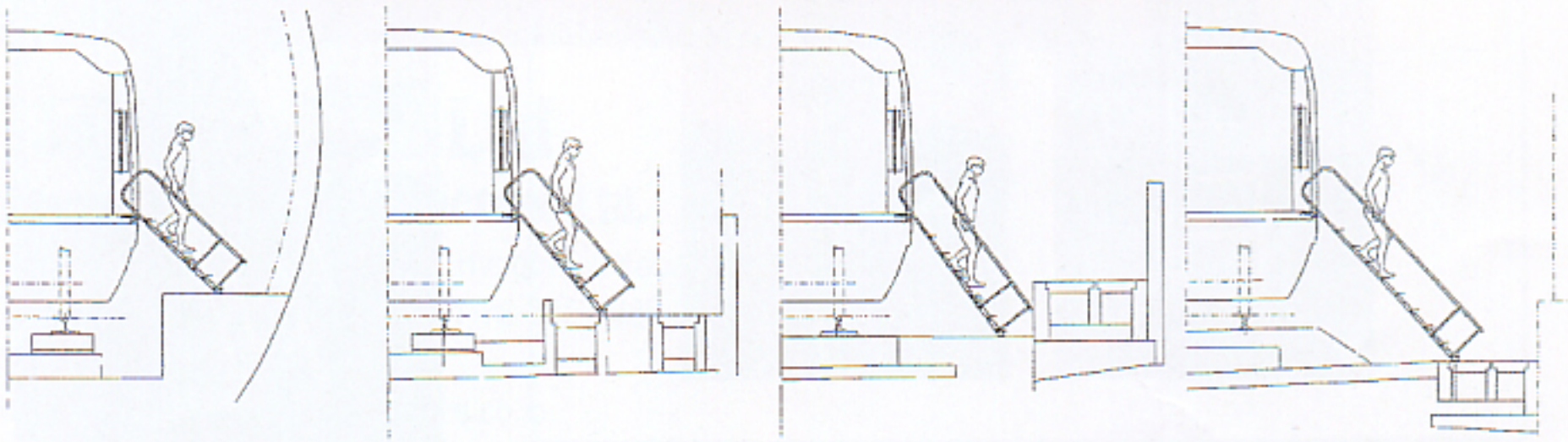
In order to ensure the passenger's safety, the following strength tests have been conducted:

① With the ladder being fully stretched horizontally and fixed at the both end, 200kg load is applied at the center of the ladder and no permanent deformatiom is observed

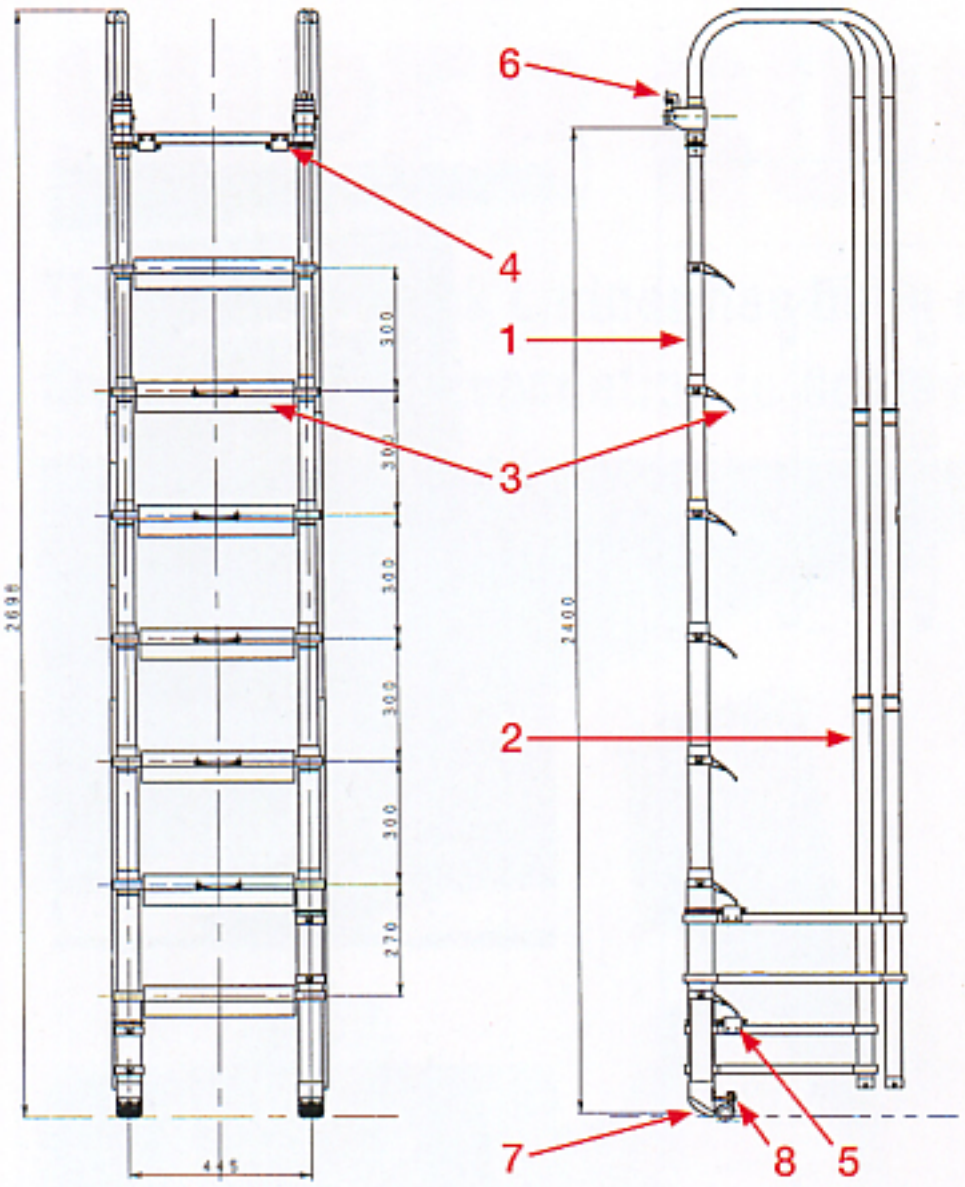
② With the handrail standing up, 50kg force is applied from either side and no permanent deformation on handrail is observed.



Application Example in Emergency Evacuation



Evacuation at tunnels | Evacuation at viaducts | Evacuation at truss bridges | Evacuation to ground



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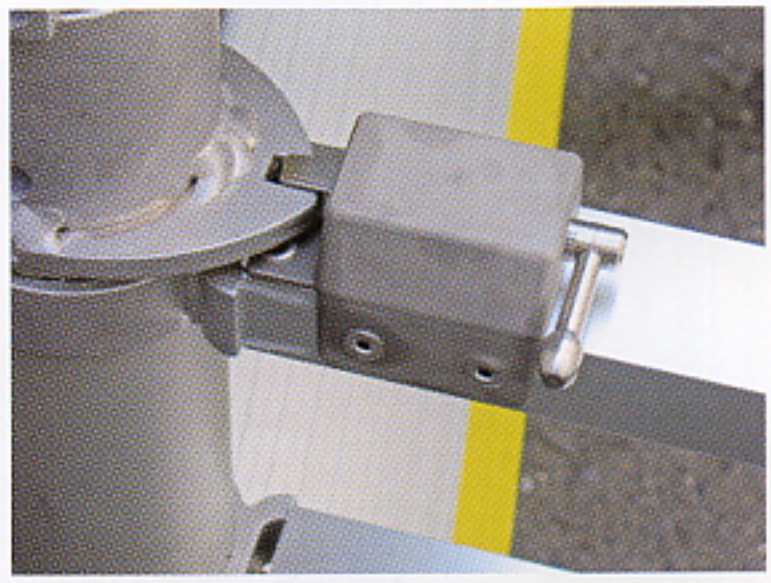

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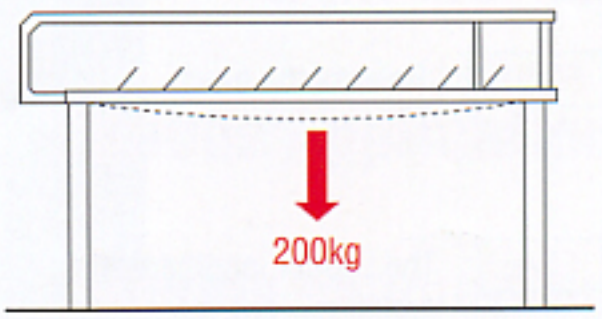
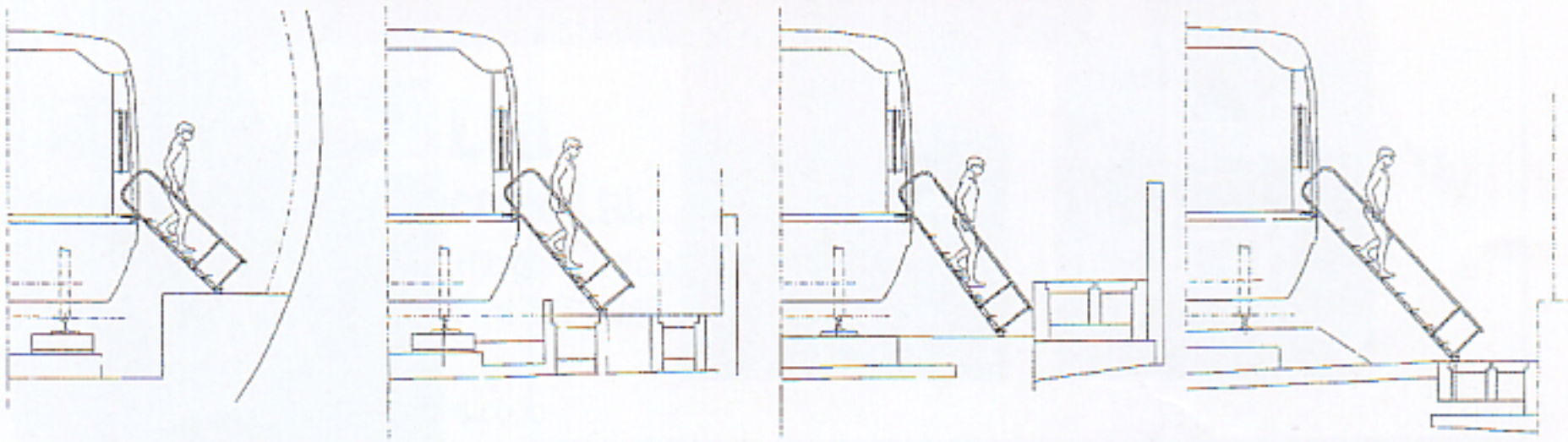


Application Example in Emergency Evacuation



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