

LIFTS AND PEOPLE WITH REDUCED MOBILITY

Handicapped people or people with
reduced mobility?

Who?

How many people?

A strategy in favour of the permanent PRM supports also
the occasional PRM

Occasional
P.R.M.

Permanent
P.R.M.

Handicapped people or people with reduced mobility?

How many people?

It is estimated that approximately:

- * 12% of the population of the EU have a handicap
- * 30% of the population of the EU encounters difficulties with mobility.

Handicapped people or people with reduced mobility?

How many people?

- * **Handicapped people with mobility problems: 6%**
- * **Elderly persons : 14,8 %**
- * **Children : 7,1 %**
- * **Occasional and temporary PRM: 5 -15%**

Aging and reduced mobility

How many people?

Approximately 20% of the total population of Europe, that is to say a few 76 million people, had in 1996, 60 years and more. Eurostat indicates that this figure passed to 110 million, that is to say 28% of the total population, in the year 2000.

Lifts and people with reduced mobility: Characteristics of disabilities

Motor Handicaps

Main characteristics: Slow mover, using stick crutch(es), wheelchair (manual, electric), difficulty in pressing or reaching

Safety hazard: * Door panel may hit chair when doors are closing

* A step may prevent entry or unbalance the passenger

Preventive Measure: Adjustable door opening time, sufficient number of lifts, minimum size of the car: **1.10m*1.40m** and provide « easy to operate » button.

Lifts and people with reduced mobility: Characteristics of disabilities

Visually impaired people:

Main characteristics: hard recognition, using blind man's stick, tactile and hearing senses, sometimes accompanied by a dog

Safety hazard: Tripping, collision, no recognition of emergency buttons(...), door could hit passenger

Preventive Measure: Adjustable door opening time, provide audible and tactile system, door sensors to detect sticks, good lighting, use contrasting colours

Lifts and people with reduced mobility: Characteristics of disabilities

Hearing impaired people:

Main characteristics: using hearing aids, dependent on visual sense, difficulties to communicate

Safety hazard: Not hearing the overload signal, not getting audio information (emergency...)

Preventive Measure: use visual signals, ensure that all audible informations are also visual

2003

European Year of handicapped people

Apply the new directive (dimensions of the car) and
increase the dimensions of the door (**min 90cm**)

**Increase our vertical autonomy..... thanks to you,
our autonomy will go up!**