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Designing guideline for the elderly
and people with disabilities—
Windows and doors application in
housing design

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Foreword

This Japanese Industrial Standard has been established by the Minister of Economy, Trade and Industry, through deliberations at the Japanese Industrial Standards Committee in accordance with the Industrial Standardization Law.

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Designing guideline for the elderly and people with disabilities—Windows and doors application in housing design

Introduction

Physical functions such as action abilities generally decline with ageing. The elderly with declined physical function and people with disabilities sometimes feel inconvenienced in using doors and windows for housing.

This Japanese Industrial Standard has been established, based on **TS A 0027** published in 2010, as a guideline intended for the elderly and people with disabilities on the selection of the suitable doors and windows in designing safe and comfortable houses.

1 Scope

This Standard specifies the guidelines for the elderly and people with disabilities (hereafter referred to as the intended users) when the housing designers, users and the like select the manual doors and windows, and the hardware to be attached thereto in the houses where the intended users reside.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this Standard. The most recent editions of the standards (including amendments) indicated below shall be applied.

JIS A 1541-1 *Building hardware—Locks and latches—Part 1: Test methods for locks and latches*

JIS A 4702 *Doorsets*

JIS A 4706 *Windows*

JIS Z 8071 *Guide for addressing accessibility in standards*

3 Terms and definitions

For the purpose of this Standard, the terms and definitions given in **JIS A 1541-1**, **JIS A 4702**, **JIS A 4706** and **JIS Z 8071**, and the following apply.

3.1

swinging door

door that opens/closes around the vertical axis located at the panel end, the panel of which is supported by hinges, etc.

NOTE Swinging doors include the single-swinging doors, double-swinging doors and master-slave doors. They are classified into the entrance doors, back doors and interior doors according to the place where they are used.