

ICS 91.060.50  
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**JG**

**INDUSTRY STANDARD OF THE  
PEOPLE'S REPUBLIC OF CHINA**

**JG/T 176-2005**

Replacing JG/T 176-2005

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**Function structure measurement of plastic window/door and  
profile**

**(English Translation)**

**Issued on: November 13, 2015**

**Implemented on: April 1, 2016**

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**Issued by: Ministry of Housing and Urban-Rural Development of the  
People's Republic of China**

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### Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009.

This standard is JG/T 176-2005 "plastic doors and windows and functional structure size," the revision, compared with JG/T 176-2005, the main to technical changes are as follows.

- Simplified original part of the standard graphics drawing method;
- Modify some of the terms and definitions, an increase of "intermediate seal structure, additional edge structure" terms and definitions;
- Modify the size of the drive door lock slot requirements;
- Increasing the outer opening of the middle of the seal structure handle the size of the installation structure requirements;
- Increasing the size of a sealed intermediate seal structure requirements;
- The original standard sliding door fan drive lock groove (with lock function) and the requirements of the pulley groove merge;
- Modify the sash drive locker slot size requirements;
- Increasing the size of the swing door and sliding door profiles the size requirements;
- Increasing the size of the door to enhance the sliding door requirements;
- Increasing the size of the window frame requirements;
- Increased the size of the additional border structure requirements;
- Modify the size of the sealant groove, the sealing top groove, the glass pressure foot and glass pressure tank (lock block positioning groove) size requirements;
- Removed the original standard II-type guideway, and increased the size of a guideway slot requirements;
- Modify the size of the screw positioning structure requirements.

This standard proposed by the Ministry of Housing and Urban Standard and Design Institute.

This standard by the Housing and Urban-Rural Construction Products and Components Standardization Technical Committee.

This standard was drafted. China Construction Metal Structure Association, Zhejiang Reid Building Hardware Co., Vicat Plastics (Shanghai) Co., Ltd., Dalian Shide Technology Development Co., Ltd., Wuhu Conch Profiles Technology Co., Ltd., Ruihao Polymer (Suzhou) Co., Ltd., Harbin Large-scale material Technology Co., Ltd., Zhejiang Zhongcai Profile Co., Ltd., Xi'an High-Tech Building Materials Technology Co., Ltd., Li Seoul Aluminum shares Co., Ltd., Chengdu Sichuan Road Plastic Profile Co., Ltd., Dalian Yoshida Building Materials Co., Ltd., Nanchong Huasu Building Materials Co., Ltd., Shenyang Guri Materials Co., Ltd., Inner Mongolia Yili Plastic Co., Ltd., Shanxi Huifeng Profiles Co., Ltd., Henan Swan Profile Co., Ltd., Liaoning Yuhong Gate Window Co., Ltd., Notuo Frank Architectural Hardware (Beijing) Co., Ltd., Shandong Guoqiang Hardware Technology Co., Ltd., Guangdong Jian Long Hardware Products Co., Ltd., Guangdong Hehe Construction Hardware Products Co., Ltd., Fenghua Lianxin Plastic Steel Co., Ltd., Luoyang City Park built mold limited Company, Anhui Naïke Extrusion Technology Co., Ltd.

## 1 Scope

This standard specifies the terms and definitions and requirements of the functional structure dimensions of plastic doors and windows and profiles.

This standard applies to plastic doors and windows with cross-section functional structure design and production of plastic doors and windows.

## 2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version applies to this article Pieces. For undated references, the latest edition (including all amendments) applies to this document.

GB/T 5823 building doors and windows terminology GB/T 28886 plastic door construction  
GB/T 28887 plastic windows for construction

## 3 Terms and definitions

GB/T 5823, GB/T 28886 and GB/T 28887 and the following terms and definitions apply to this document.

Function structuremeasurements Used to achieve hardware installation, accessories installation, glass bead installation, profiles and the location of each other sections of the splice size.

Drive locker slot driving gear groove Section for mounting the drive lock on the profile.

Pulley slot roller groove Profile for the installation of the pulley parts.

Seal the hairline groove brush groove Profile for the installation of sealing tops of the site.

Sealing tape slot gasket groove Profile for the installation of sealing strip of the site.

Glass stitching glazing bead convex Glass bead profiles with the box, fan, profile assembly parts.

Glass pressure tank glazing bead groove Frames, fans, profiles with glass bead profiles assembled parts.