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

JC/T 764-2008

WC seats

坐便器圈和盖

(English Translation)

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Foreword

This standard modifies and adopts the American Standard ANSI Z 124.5-1997 "WC plastic seats".

This standard is a revision of JC/T 764-2001 "WC plastic seats".

The main differences between this standard and ANSI Z 124.5-1997 are as follows.

- ADD the special performance requirements and test methods for WC seats which are made wood, composite materials, resins, etc.;
- ADD the definitions, technical requirements and test methods for soft close seats;
- ADD the requirements for static load, moisture-resistance and cold-hot fatigue;
- Unrecoverable bending is subject to common requirements.

The main changes of this standard as compared with JC/T 764-2001 are as follows.

- ADD the requirements for dimension and test methods;
- ADD the technical requirements and test methods for soft close WC seats;
- ADD the special performance requirements and test methods for WC seats which are made of wood, composite materials, resins, etc.;
- CANCEL the public and household categories of unrecoverable bending, the technical requirements are the same as the original public category;
- ADD the requirements for static load, moisture-resistance, and cold-hot fatigue.

Appendix A and Appendix B of this standard are normative annexes.

This standard replaces JC/T 764-2001 from the date of implementation.

1 Scope

This standard specifies the terms and definitions, classification, requirements, test methods, inspection rules, markings, operation instructions, packaging, transportation and storage of WC seats.

This standard is applicable to the WC seats which are made of plastic, wood, composite materials, resin and other materials, installed on the surface of the pedestal pan, are comfortable, hygienic and beautiful (hereinafter referred to as the WC seats).

2 Normative references

The provisions in following documents become the provisions of this standard through reference in this standard. For the dated references, the subsequent amendments (excluding corrections) or revisions do not apply to this standard; however, parties who reach an agreement based on this standard are encouraged to study if the latest versions of these documents are applicable. For undated references, the latest edition of the referenced document applies.

GB/T 2829 Sampling procedures and tables for periodic inspection by attributes (Apply to inspection of process stability)

GB/T 4892 Dimensions of rigid rectangular packages - Transport packages

GB/T 6388 Transport packaging - Marking for receipt and delivery

GB/T 6461 Methods for corrosion testing of metallic and other inorganic coatings on metallic substrates - Rating of test specimens and manufactured articles subjected to corrosion tests

GB/T 6739 Paints and varnishes - Determination of film hardness by pencil test

GB/T 9286 Paints and varnishes - Cross cut test for films

GB/T 10125 Corrosion tests in artificial atmospheres - Salt spray tests

3 Terms and definitions

The following terms and definitions apply to this standard.

3.1

Chipped areas

More than two surface damages ≥ 0.4 mm.

3.2

Blister or void

The portion of surface break when using a 13 mm diameter nylon rod to manually apply pressure to 44.5 N.

3.3

Surface porosity

The holes on the surface which do not penetrate the base material.

3.4

Molding irregularity

Any visible defects associated with molding, such as corrugations, dome, missing material, flash or dents. Weld marks and sprues are not considered to be molding irregularity.

3.5

Pit

A small pit of approximately equal width and depth on the surface.

3.6

Pinhole

A small hole on the surface that does not exceed 0.4 mm in diameter.

3.7

Speck

The different color at surface which is generated by the foreign particles, the maximum size of the speck is 0.7 mm. It does not include specks or mixed specks that produce a decorative pattern on the surface.

4.1 In accordance with the material, it is divided into plastic, wood, composite and resin products.

5.1.1 The allowable deviation of the dimensions as shown in Figure 1 is $\leq \pm 3$ mm;

5.2 Surface quality

The product surface is divided as follows.

5.2.2 The surface quality of the wood seat and cover shall comply with the requirements of Table 2.

5.2.3 The surface quality of the composite seat and cover shall comply with the requirements of Table 3.

5.5.4 Coating hardness

The coated seat and cover have a coating hardness of not less than 2 B.

5.5.5 Coating adhesion

The coated seat and cover have a coating adhesion of not more than grade 2.

5.5.6 Color fastness

Colored seats and covers shall be free of stains.