



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

GB/T 17748-2008

Replacing GB/T 17748-1999

Aluminium-plastic composite panel for curtain wall

建筑幕墙用铝塑复合板

(English Translation)

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Administration of China**

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Foreword

This document was issued on 12 May 2008 by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China and the Standardization Administration of China, and has applied since 1 November 2008.

It replaces GB/T 17748-1999.

It has been superseded by GB/T 17748-2016, Aluminium-plastic composite panel for curtain wall.

It is a GB/T standard: recommended rather than compulsory, but it is the text a Chinese reviewer, customer or inspection body applies.

1 Scope

This standard specifies terms and definitions, classification, specification, size, mark, material, requirement, test method, test rule, symbol, package, transportation, storage and accompanied documents of aluminium-plastic composite panel for curtain wall (hereinafter referred to as curtain wall panel).

The standard is mainly applicable to aluminium-plastic composite panel for curtain wall, and aluminium-plastic composite panels for other purpose may refer to this standard.

2 Normative References

The following documents contain contents which, through reference in this text, constitute provisions of this standard. For dated reference, subsequent amendments (excepting corrigenda content) to, or revisions of, any of these publications do not apply. Parties to agreements based on this standard are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below. For undated references, the latest edition of the normative document referred to applies in the standard.

GB/T 191 Packaging - Pictorial Marking for Handling of Goods (GB/T 191-2000, EQV ISO

780:1997)

GB/T 1634.2 Plastics - Determination of Temperature of Deflection Under Load - Part 2: Plastics, Ebonite and Long-fiber Reinforced Composites (GB/T 1634.2-2004, IDT ISO 75-2:2003)

GB/T 1720 Method of Test for Adhesion of Paint Films

GB/T 1732 Determination of Impact Resistance of Film

GB/T 1740 Method of Test for Resistance to Heat and Humidity of Paint Films

GB/T 1766-1995 Paint and Varnish - Rating Schemes of Degradation of Coats (NEQ ISO 4628-1:1980)

GB/T 1771 Paints and Varnishes - Determination of Resistance to Neutral Salt Spray (GB/T 1771 2007, IDT ISO 7253:1996)

GB/T 2918 Plastics - Standard Atmospheres for Conditioning and Testing (GB/T 2918-1998, IDT ISO 291:1997)

GB/T 3880.2-2006 Wrought Aluminium and Aluminium Alloy Plates, Sheets and Strips for General Engineering - Part 2: Mechanical Properties

GB/T 4957 Non-conductive Coatings on Non-magnetic Basis Metals - Measurement of Coating Thickness - Eddy Current (GB/T 4957-2003, IDT ISO 2360:1982)

GB/T 6388 Transport Package Shipping Mark

GB/T 6739 Determination of Film Hardness by Pencil Test (GB/T 6739-2006, IDT ISO 15184:1998)

GB 8624 Classification on Burning Behavior for Building Materials

GB/T 9286 Paints and Varnishes - Cross Cut Test for Films (GB/T 9286 1998, EQV ISO 2409: 1992)

GB/T 9754 Paints and Varnishes - Measurement of Specular Gloss of Non-Metallic Paint Films at 20°, 60° and 85° (GB/T 9754-2007, IDT ISO 2813:1994)

GB/T 9780 Test Method for Dirt Pickup Resistance of Film of Architectural Coatings and Paints

GB 11115 Low Density Polyethylene Resin

GB 11116 High Density Polyethylene Resin

GB/T 11942 Colorimetric Methods for Color Building Materials

GB/T 15182 Linear Low Density Polyethylene Resin

GB/T 16259 Test Method for Accelerated Weathering of Building Materials

3 Terms and Definitions

The following terms and definitions are applicable to this standard.

3.1 Aluminium-plastic Composite Panel

It refers to a three-layer composite panel with a plastic sandwich layer and two aluminium layers on both sides. The panel is covered with decorative and protective coating or film (known as coating if there is no special marks) as decorative plane of the product.

3.2 Aluminium-plastic Composite Panel for Curtain Wall: Aluminium-plastic composite panel is used for curtain wall material.

3.3 Wave: It refers to undecorative wave texture or concavo-convex on the decorative surface of the product.

3.4 Spot: It refers to local defect on the decorative surface of the product.

3.5 Bubble: It refers to local crowning on aluminium product or decorative surface.

4.1 Classification

The curtain wall panel is classified as general type and flame-retardant type by combustion performance.