



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

GB 50210-2018

Replacing GB 50210-2001

**Standard for construction quality acceptance of building
decoration**

Issued on: February 8, 2018

Implemented on: September 1, 2018

**Issued by: Ministry of Housing and Urban-Rural Development of the
People's Republic of China;
State Administration for Market Regulation**

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1 General

1.0.1 This standard is formulated in order to unify the quality acceptance of architectural decoration projects and ensure the quality of projects.

1.0.2 This standard is applicable to the quality inspection of new construction, expansion, reconstruction and decoration of existing buildings.

1.0.3 This standard should be used in conjunction with the current national standard GB 50300 "Unified Standard for Construction Quality Acceptance of Construction Engineering".

1.0.4 In addition to this standard, the quality inspection of building decoration and fitting-out projects should also comply with the current relevant national standards.

2.0.1 Building decoration

In order to protect the main structure of the building, improve the use function of the building and beautify the building, various treatments are carried out on the inner and outer surfaces and spaces of the building by using decorative materials or accessories.

2.0.2 matrix primary structure

The main structure or envelope of a building.

2.0.3 Basic course

Directly bear the surface layer of decoration construction.

2.0.4 detail detail

Parts or decorations used locally in building decoration and renovation projects.

2.0.5 integral layer ceiling

A suspended ceiling in which the seams of the surface materials are not exposed.

2.0.6 board surface ceiling

A suspended ceiling with exposed seams of facing materials.

2.0.7 grille ceiling

3.3.5 The construction unit shall take effective measures to control the pollution and harm to the surrounding environment caused by various dust, exhaust gas, waste, noise, vibration, etc. on the construction site.

3.3.6 The construction unit shall establish management systems related to construction safety, labor protection, fire prevention and anti-virus, etc., and shall be equipped with necessary equipment, utensils and signs.

3.3.7 The building decoration project shall be constructed after the quality acceptance of the base or base. Before decorating existing buildings, the grassroots should be treated.

3.3.8 Before the construction of the building decoration project, there should be a sample of the main materials or a sample room (piece), and it should be confirmed by the relevant parties.

3.3.9 As for the building decoration and renovation project where thermal insulation materials are used on the wall, the type, variety, specification and construction process of the thermal insulation materials used shall meet the design requirements.

3.3.10 The installation and commissioning of pipelines and equipment should be completed before the construction of the building decoration project; if it must be carried out simultaneously, it should be completed before the construction of the facing layer. Decoration works must not affect the use and maintenance of pipelines and equipment. The construction of building decoration projects involving gas pipelines and electrical engineering should comply with relevant safety management regulations.

3.3.11 The electrical installation of building decoration works shall meet the design requirements. Do not bury wires directly.

3.3.12 There should be records for the acceptance of concealed works, and the records should include photos of concealed parts. The inspection batch acceptance of construction quality shall have the original record of on-site inspection.

3.3.13 The environmental conditions for the construction of indoor and outdoor decoration works shall meet the requirements of construction techniques.

3.3.14 The semi-finished and finished products should be well protected during the

construction of architectural decoration to prevent pollution and damage.

4.1 General provisions

4.1.1 This chapter is applicable to the quality acceptance of sub-projects such as general plastering, thin plastering of insulation layer, decorative plastering and jointing of fair-faced masonry. General plastering works are divided into ordinary plastering and advanced plastering. When there is no requirement in the design, it shall be checked and accepted according to ordinary plastering. General plastering includes cement mortar, cement mixed mortar, polymer cement mortar and plastering gypsum; thin plastering of insulation layer includes thin plastering of polymer mortar outside the insulation layer; decorative plastering includes water brush stone, cut fake stone, Decorative plastering such as dry sticky stone and false face brick; fair-faced masonry pointing includes fair-faced masonry mortar pointing and original paste pointing.

4.1.2 The following documents and records should be checked during acceptance of the plastering project.

- 1 Construction drawings, design instructions and other design documents of the plastering project;
- 2 Product qualification certificates, performance inspection reports, entry acceptance records and re-inspection reports of materials;
- 3 Acceptance records of concealed works;
- 4 Construction records.

4.1.3 The following materials and their performance indicators shall be retested for the plastering project.

- 1 Tensile bond strength of mortar;
- 2 Water retention rate of polymer mortar.

4.1.4 The plastering works shall be inspected and accepted for the following concealed works.

- 1 Strengthening measures when the total thickness of plaster is greater than or equal to 35mm;
- 2 Strengthening measures at the junction of different material substrates.

4.1.5 The inspection batch of each sub-project shall be divided according to the following regulations.

- 1 Every 1000m² of outdoor plastering works with the same material, process and

construction conditions shall be divided into one inspection lot, and if the area is less than 1000m², it shall also be divided into one inspection lot;

2 Indoor plastering projects with the same material, process and construction conditions shall be divided into one inspection lot for every 50 natural rooms, and less than 50 rooms shall also be divided into one inspection lot. Large-area rooms and corridors can be calculated as per 30m² of plastered area. 1 room.

4.1.6 The inspection quantity shall meet the following requirements.

1. At least 10% of each inspection batch in the room shall be randomly inspected, and no less than 3 rooms shall be checked. If there are less than 3 rooms, all rooms shall be inspected.

2 For every 100m² of each outdoor inspection batch, at least one place shall be spot-checked, and each place shall not be less than 10m².

4.1.7 Before the construction of plastering works on exterior walls, steel and wood door and window frames, guardrails, etc. should be installed, the construction holes on the walls should be blocked and compacted, and the base layer should be treated.

4.1.8 The external corners of the interior walls, cylinders and door openings shall meet the design requirements. When there is no design requirement, no less than M20 cement mortar shall be used as corner protection, the height shall not be less than 2m, and the width of each side shall not be less than 50mm.

4.1.9 When the plastering layer is required to be waterproof and moisture-proof, waterproof mortar should be used.

4.1.10 All kinds of mortar plastering layers should be prevented from quick drying, water flushing, impact, vibration and freezing before setting, and measures should be taken to prevent contamination and damage after setting. The cement mortar plaster layer should be cured under wet conditions.

4.1.11 The plastering layer of the exterior wall and ceiling should be firmly bonded to the base layer and between each plastering layer. 4.2 General plastering works I Master Control Item 4.2.1 The variety and performance of the materials used for general plastering shall comply with the design requirements and the relevant provisions of the current national standards.

Inspection method. check product qualification certificate, entry acceptance record, performance inspection report and re-inspection report.

4.2.2 Before plastering, the dust, dirt and oil stains on the surface of the base should be cleaned up, and should be wetted with water or interface treatment should be carried out.

Inspection method. Check the construction records.