

QLASSIC: Construction Quality Standards

A Comprehensive Guide to CIS 7:2021 Requirements and Site
Compliance

Standardizing Quality for the Nation

QLASSIC is Malaysia's independent assessment system developed by CIDB to evaluate workmanship quality based on the Construction Industry Standard (CIS 7:2021). It provides a standardized method for developers and contractors to measure their finished works against national benchmarks.



Three Core Assessment Pillars

Architectural Works

Focuses on internal finishes (floors, walls, ceilings) and external cladding. Carries the highest weightage (~90%) for finishes.

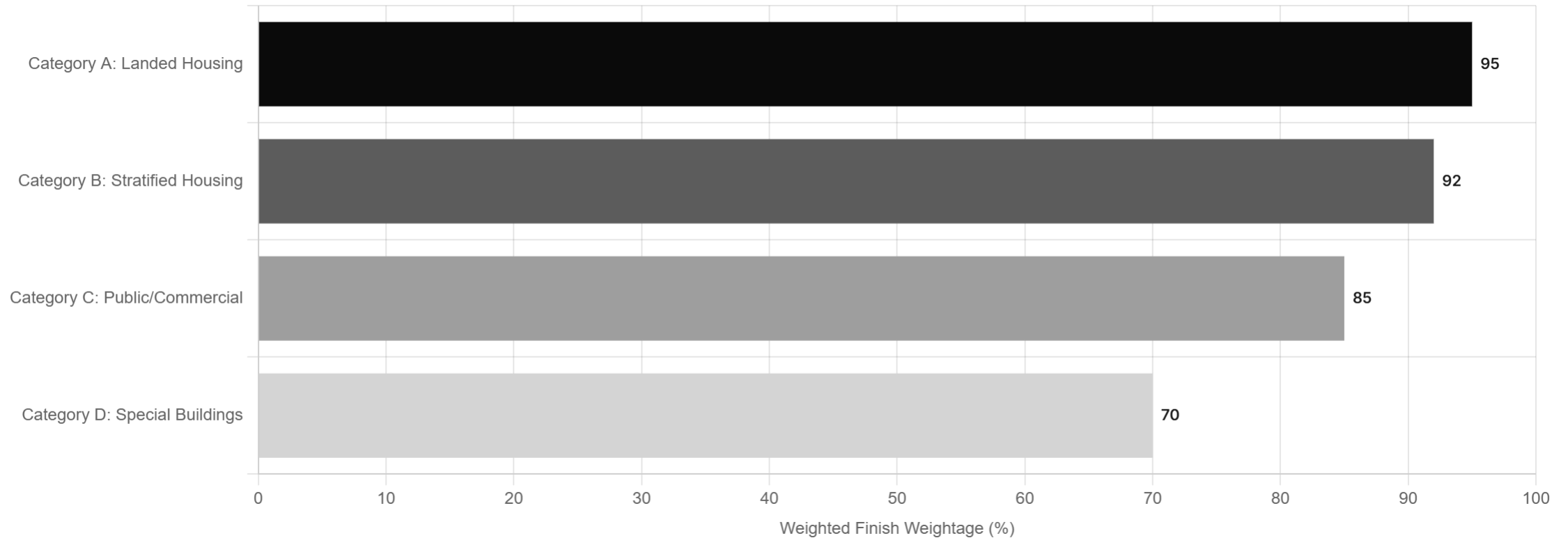
Basic M&E Fittings

Assessment of mechanical and electrical components including switches, power points, plumbing, and sanitary fittings.

External Works

Visual inspection of perimeter drains, driveways, car parks, fences, and general external common areas.

Defined Building Categories (A-D)



The QCLASSIC Index Score

100%

MAXIMUM ACHIEVABLE QUALITY SCORE

Workmanship quality is summed into a percentage-based score (0–100%) through a rigorous weighted quantitative system applied by third-party CIDB-trained assessors.

Step-by-Step Assessment Lifecycle

01. Application

Contractor applies to CIDB once project reaches substantial completion but before final handover.

02. Site Inspection

Trained assessors conduct site-walks based on pre-determined statistical sampling methods.

03. One-Time Score

Final scoring is one-time; no re-assessment for rectifications made after the inspector's visit.

Workmanship Acceptance Thresholds

Assessment Item	CIS 7:2021 Requirement	Tools Used
Floor Evenness	Deviation <3mm per 1.2m	Straight Edge & Feeler
Wall Verticality	Deviation <3mm per 1.2m	Spirit Level / Plumb
Joint Alignment	Gap width variance <1mm	Feeler Gauge / Ruler
Stain / Patching	No visible stains at 1.5m	Visual Inspection

Avoiding Workmanship Pitfalls

Commonly cited defects include water leakage in bathrooms, fine wall cracks, peeling paint, and hollowness detected by tapping rods. Ensuring site supervision during the finishing phase is critical to prevent these index-dropping failures.



Collaborative Quality Management

Developers

Establish high quality targets in project briefs and select contractors with proven QLASSIC track records.

Consultants

Ensure designs adhere to CIS 7 standards and provide strict supervision during critical architectural finishing stages.

Contractors

Execute workmanship according to CIS 7 benchmarks and conduct internal QA/QC before CIDB assessment.

Benefits of High QCLASSIC Scores

Achieving a high index score (above 80%) provides a significant competitive edge in both public and private sector tendering. It serves as a powerful marketing tool for developers, signaling reliability to homebuyers and reducing long-term maintenance costs and defect liabilities.



Practical Site Compliance Tips

Internal QA Audits

Conduct trial assessments using CIS 7 scoring sheets to identify and fix defects before the official visit.

Digital Compliance Tools

Utilize construction management software for real-time tracking of workmanship quality and compliance metrics.

Quality is a Continuous Commitment

Adhering to CIS 7:2021 ensures Malaysian construction excellence. Start your internal audits today for a higher QCLASSIC Index tomorrow.