

---

## DATA SHEET – CLIP IN SYSTEM - PLAIN

### I. Product Name:

BR<sup>OO</sup>ER CLIP-IN Concealed Modular Panel Ceiling System.



### II. System Description:

The system has a range of square and rectangular clip in panels, supported from concealed metal suspended ceiling system and the panels are automatically levelled in the carrier spring tee. These systems are particularly suitable for projects where the cleanliness and access is important. In addition, fixtures can be easily integrated, cost effective and are economical for interior use.

### III. Specification details of Panel:

- ❖ **Material Used:** Aluminium alloy EN AW -3105 -ASTM B 209 M
- ❖ **Panel Thickness:** 0.60 MM Thick
- ❖ **Color Code:** RAL 9003
- ❖ **Panel Size:** 600 X 600mm
- ❖ **Panel Edge detail:** Beveled edge 5 mm
- ❖ **Panel Depth:** 25 mm
- ❖ **Texture:** Stove enameled -Plain (non-perforated)
- ❖ **Panel Finish:** Stove enameled -Plain Solid Finish
- ❖ **Finish Coating:** High Durable Pre-painted ,two-layer polyester finish in a nominal thickness of 25 microns with full primer and finesh coat,the other side with protective primer coating .it is done by continuous coil coating process and ensure uniform coating thickness and adhesion on the aluminum alloy

Test performed under standard conditions as per

### IV. Fire Performance:

Surface Burning Characteristics of Building Material as per ASTM E 84-16 (Class-A)

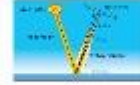
- ❖ Flame Spread Index-0
- ❖ Smoke Development Index -20

Class 1 Surface Spread of Flame BS 476: Part 7.



## V. Light Reflectance:

- LR 0.85 AS Per
- ❖ ASTM 1477 -98
- ❖ EN 410: 2011



## VI. Corrosion Resistance:

Spray tested for 1000 hours corrosion as per ASTM B 117-73



## VII. Green Material:

Environmentally friendly material with processes contributing to LEED -NC building requirements .



## VIII. Metal Suspension system as follows:

Fully accessible concealed adjustable suspension system; all steel parts finishes are chemically cleaned galvanized steel comply with ASTM- C635

### ❖ Accessories details:

- 1.Carrier Spring Tee : used as a main carrier profile to carry tiles.
- 2.Stabilizer: C shaped Channel 14 x 38 x 4000mm long used to stabilize the system.
- 3.Stabilizer Coupling Clip : used to couple and hold the stabilizers.
- 4.Double Adjustment Clip : used with wire hanges for ceiling height adjustment.
- 5.Wire Clip for spring tee: to join the carrier to the stabilizer channel
6. Carrier Splice : used to connect carriers for proper leveling.
7. Perimeter wall trim C shaped : fixed to perimeter wall size 15 x 30 x 3000mm finish same as per panal color.

TEST REPORT OF ALUMINUM TILES

From No : QR-049-02

Page-2

SN	Test Subject		Unit	Standard		Result	Judgement
1	Strength		mm	Surface can hold maximum	Spring Distortion $\leq 10$	7.6	Pass
2					Plastic Distortion $\leq 2$	1.5	Pass
3			---	Hanging Picecs Can hold 150N Pull		---	---
4	Size	Length	mm	600 + 0 -3		600	Pass
5	Precision	Width		600 + 0 -3		600	Pass
6		Height		---		---	---
7	Surface Quality		---	Plain, Glabrous, Same Color, No Spurs		Accordant	Pass
8				The Coated Powder Plain ,no Spots		Accordant	Pass
9				No Bugs to the Oxydation		---	---
10				No Bugs to the Plated Part		---	---
11	Stickiness		Class	Painting	First Choice $\geq 3$	---	---
12					Second Choice $\geq 2$		
13				Anti-Erodibility	Powder Coated	First Choice $\geq 2$	2
14	Plated Parts	$\geq 10$	---		---		
15	Thickness of Power Coated		um	$\geq 60$		122	Pass
16	Thickness of Oxydated Alum.			First Choice $\geq 7$	---	---	
17	Anti-Impact Strength		---	Powder Coated			First Choice: $\geq 4N.m$ , No Crack, No Flake Off
18	Words on Boxes			---	Manufacturer, brand, quantity, producing		Accordant
19	Packing		Ceiling and Suspension Separated		Accordant	Pass	
20			Ceiling Packed by Form		Accordant	Pass	

Check : Chen Guoji

Test In Charge : Cheng Jianrong

TEST REPORT OF ALUMINUM TILES

Form No: QR-049-01

Page 1

Products Size Brand	ALUMINUM CEILING TILES 600 X 600 MM BRAND BROOER	Producing Date	Feb .2020
		Series No.	
		Samples No.	BR-34497
Test Bureau	Foshan Supervision Test Bureau of Quality and Metrology	Test Type	Regular Curtailed Inspection
Customer	Brooer Metal Industries.L.L.C	Test Quantity	2 M2
Address	National Industries Park Dubai	Sample Deposit	1 M2
Manufacturer	Jadidi Industry Co Ltd	Sample Base	280 M2
Address	Jadidi Building ,Foshan	Date of Pick	2020.2.8
Bureau For Pick	Foshan Supervision Test Bureau of Quality and Metrology	Date of Test	2020.2.13
Location of Pick	Warehouse	Man For Pick	Zhang Xiang
Samples Surface	Normal		
Test Standard	QB/T 1561-1992 Metal Ceiling		
Conclusion	Totally 12 items tested ,all passed the QB/T 1561-1992		
Remark	-----		

Approval : Wang Zhuokun

Check: Chen Guoji

Test:Cheng Jianrong