

bama®

مصنع السقف المعدني المعلق  
METAL SUSPENDED CEILING FACTORY



# Metal Suspended Ceiling Factory

Metal Suspended Ceiling Factory was established in 1989 in both Riyadh and Al-Khobar, Kingdom of Saudi Arabia, with the goal of manufacturing quality products at reasonable prices that go beyond the basic expectations of the customer.

The outstanding technology and quality have propelled Metal Suspended Ceiling Factory to become a leader in the field of strips ceiling and Venetian blinds industry. Its products are regularly specified by leading international consultants in the KSA, other GCC markets, Asia and North Africa.

A major aspect of our success are our people. Our dynamic, innovative, and motivated personnel will provide the customer with high quality service, technical information and assistance.



## ► PRODUCT INDEX

This index consists of summary of the range of products manufactured by Metal Suspended Ceiling Factory. This index includes: Metal Strips Ceiling and Venetian Blinds shown as a systems, with all other related components, accessories and perimeter trims shown separately.

## ► TESTING AND CERTIFICATES

Metal Suspended Ceiling Factory product range have been put through all the tests shown below. In the index, the test symbols show all the tests conducted on each system separately. All test certificates are available upon request.



HUMIDITY  
RESISTANCE



LOAD TEST



FIRE RATING



YELLOWNESS

## ► MEASUREMENT

All measurements of the products are in millimetres (mm) as shown in the index, unless mentioned otherwise.

## ► TECHNICAL SUPPORT

For further technical information please contact our technical department at the address mentioned on the outside cover of this index.



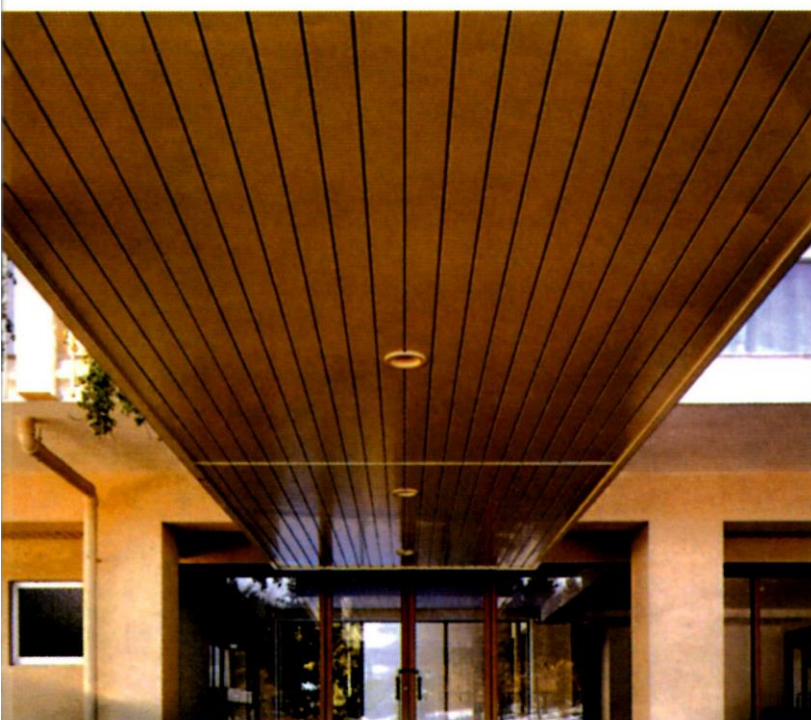
## Delivery Specifications and Mechanical Properties of Substrate

	Standard Suspended Ceiling		Superbright, Bright-Mill, Brushed Suspended Ceiling
Alloy	3005	3105	3103
Temper	H48	H46	H48
Thickness	0,46 mm	0,48-0,70 mm	0,30 + 0,70 mm
Width	30 + 1650 mm	30 + 1650 mm	30 + 1250 mm
Tensile Strength (Rm)	190 + 245 N/mm <sup>2</sup>	160 + 210 N/mm <sup>2</sup>	170 min.
Proof Stress Min. (Rp02)	Min. 140 N/mm <sup>2</sup>	Min. 140 N/mm <sup>2</sup>	Min. 150 N/mm <sup>2</sup>
Elongation: min. A50	2,5% (50 mm transverse)	3% (50 mm traverso)	1,5% (50 mm traverso)

## Mechanical Properties of Paints

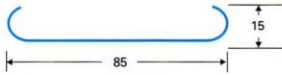
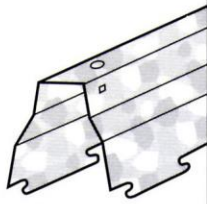






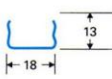
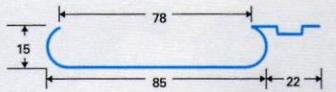
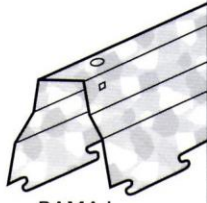

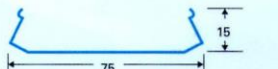
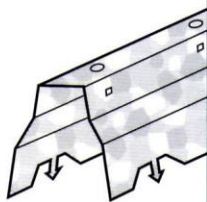
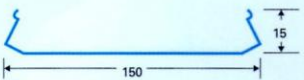
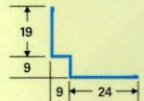
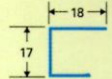
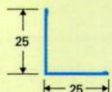
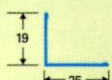
### POLYESTER PAINTING SYSTEM

	Mat colours	Demi and high gloss colours	Superbright, Bright-Mill, Brushed Suspended Ceiling
1 <sup>st</sup> Coat thickness	5±2 µm	8±2 µm	for metallized paints
2 <sup>nd</sup> Coat thickness	15±2 µm	16±1 µm	for metallized paints
Reverse side thickness coat	4±1 µm	4±1 µm	4±1 µm
Hardness KOH-I-NOOR	H	H	H
Impact	32 kg/cm	32 kg/cm	32 kg/cm
Gloss	10±3 units	da 20 a > 80 units	> 80 units
Adhesion on fold 90° - 180°	100%	100%	100%
Adhesion on impact	100%	100%	100%
T-Bend test - ECCA T7	2 T	2 T	2 T
Resistance to atmospheric agents	good	good	good
Resistance to humidity	good	good	good
Resistance to salt spray fog	good	good	good
Resistance to accel. weathering	good	good	good
Resistance to abrasion	good	good	good
Resistance to chalking	good	good	good
Metal marking	good	good	good





# Aluminium Strip and Edge Trim Specifications

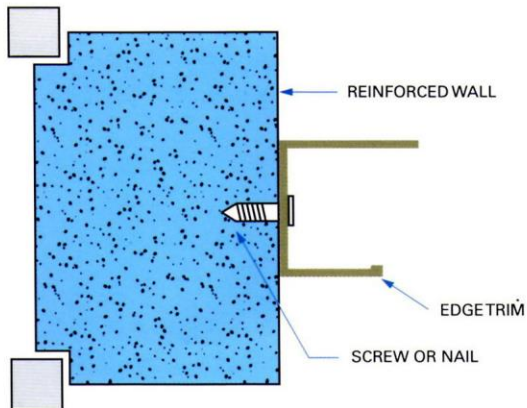
TYPE	PROFILE (Dimension in mm.)	MATERIAL	INSIDE APPLICATION	OUTSIDE APPLICATION	STANDARD MODULE	PANEL CARRIER	MATERIAL
R		ALUMINIUM 0.46 mm	•	•	100 mm	 BAMA I	Galvanized Steel G90 0.6 mm
RC		ALUMINIUM 0.46 mm	•	•	100 mm		
T		ALUMINIUM 0.46 mm	•	•	100 mm		
TT		ALUMINIUM 0.46 mm	•	•	100 mm		
T3		ALUMINIUM 0.46 mm	•	•	100 mm		
UT		ALUMINIUM 0.46 mm	•	•	100 mm		
UP		ALUMINIUM 0.46 mm	•	•	100 mm		
FC		ALUMINIUM 0.30 mm	•	•			
RCL		ALUMINIUM 0.46 mm	•	•	100 mm	 BAMA I	Galvanized Steel G90 0.6 mm
BCL		ALUMINIUM 0.46 mm	•	•	100 mm		
BAMA 75		ALUMINIUM 0.46 mm	•	•	75 mm	 BAMA II	Galvanized Steel G90 0.6 mm
BAMA 150		ALUMINIUM 0.50 mm	•	•	150 mm		
EDGE TRIM							
W		PAINTED STEEL 0.50 mm	•	•			
U		PAINTED ALUMINIUM 0.48 mm	•	•			
L		PAINTED STEEL / ALUMINIUM 0.50 / 0.48	•	•			
L		PAINTED ALUMINIUM 0.48 mm	•	•			

MSCF  
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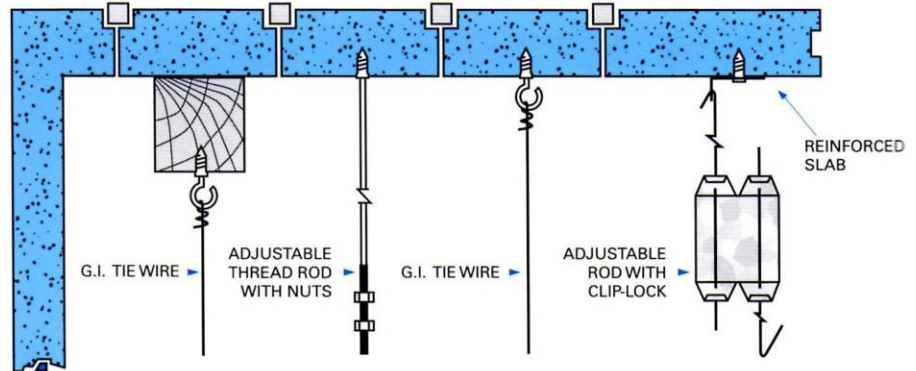


# Order, Direction and Installation of

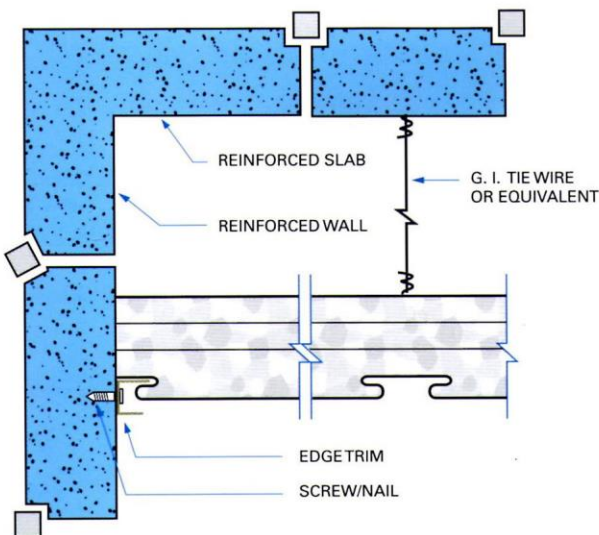
## NO. 1 LAYING OF EDGETRIM



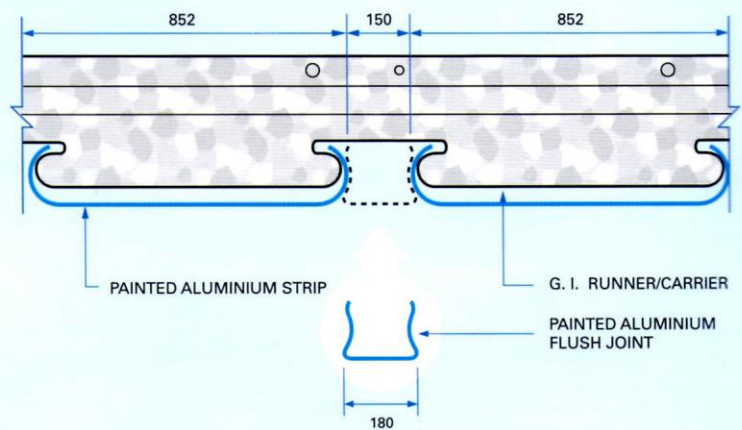
## NO. 2 LAYING OPTIONS OF HANGERS



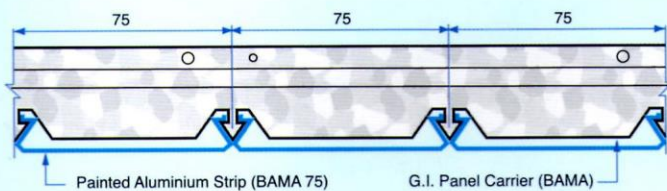
## NO. 3 LAYING OF G. I. RUNNER / CARRIER



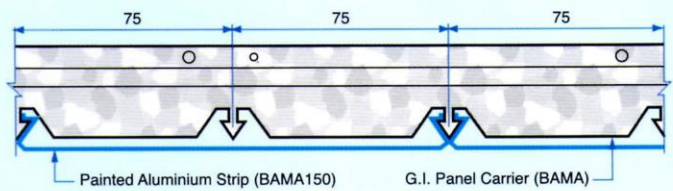
## NO. 4 LAYING OF PAINTED ALUMINIUM STRIP



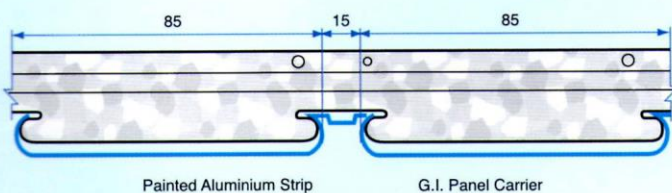
**SPOT DETAILS # 02**  
INSULATION OF ALUMINIUM  
FLUSH JOINT



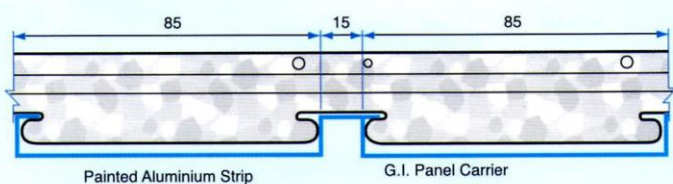
## LAYING OF PAINTED ALUMINIUM STRIP (BAMA 75)



## LAYING OF PAINTED ALUMINIUM STRIP (BAMA 150 & 75)

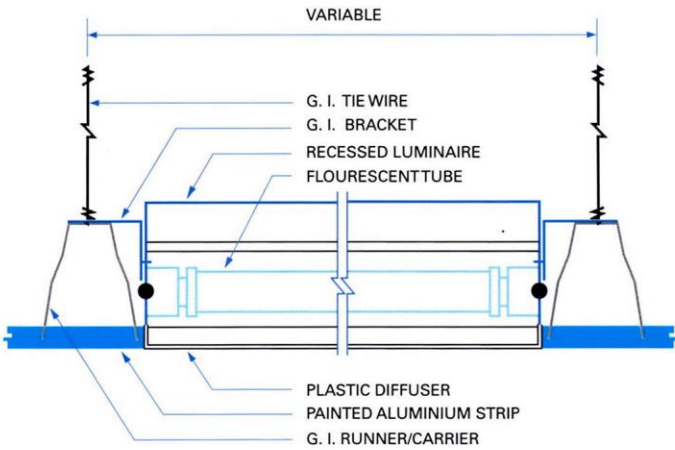
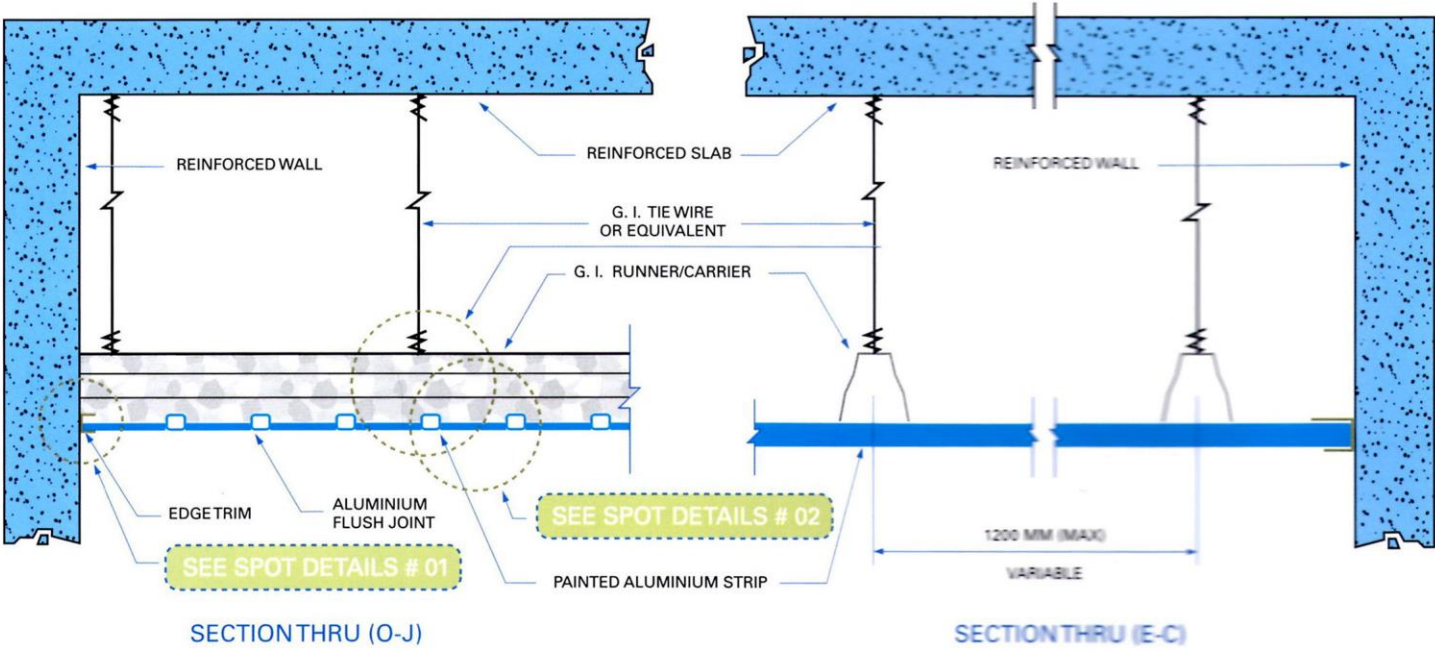


## LAYING OF PAINTED ALUMINIUM STRIP (RCL)

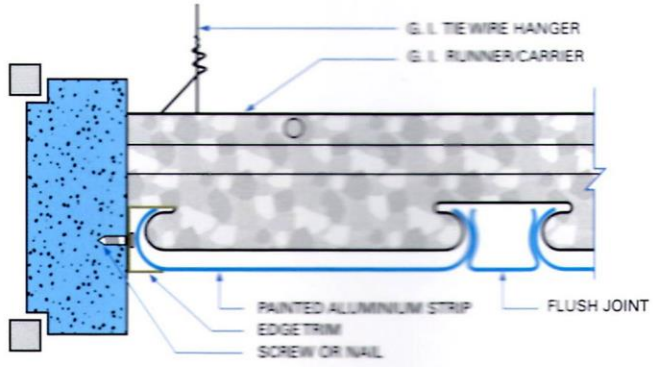


## LAYING OF PAINTED ALUMINIUM STRIP (BCL)

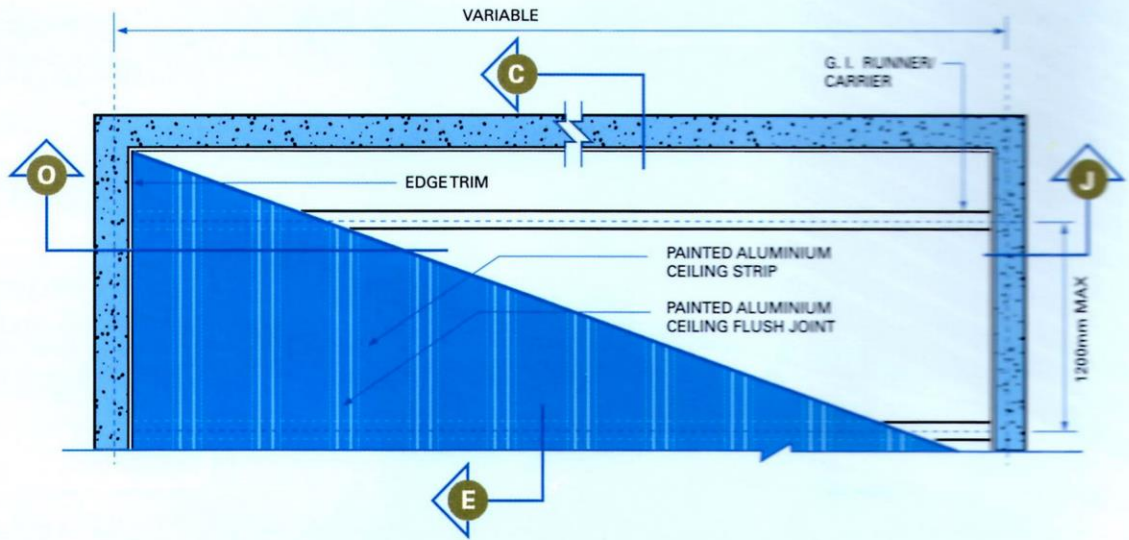
# Suspended Metal Aluminium Ceiling



CEILING LUMINAIRE WITH PLASTIC DIFFUSER



SPOT DETAILS # 01



REFLECTED CEILING PLAN