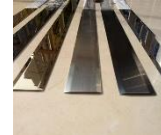
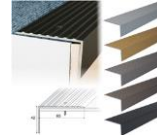
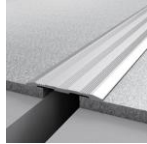


### TILE MOVEMENT JOINTS MANUFACTURER

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## COMPANY PROFILE

### Our Mission.

Dedication to providing quality construction, technical and management services to our customers. We will strive to implement a long term relationship with our clients, based on safety, quality, timely service and an anticipation of their needs. To help fulfil this mission, we will treat all employees fairly and involve them in the quality improvement process to insure responsiveness and cost effective work execution.

We are easy to find.

Let us know your needs.

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Dubai, United Arab Emirates

Phone: +971 55 3884048

Email: [info@almasasteel.com](mailto:info@almasasteel.com)

Web: [www.almasasteel.com](http://www.almasasteel.com)

**ALL KIND OF STEEL & FABRICATION  
WORKING**

- Committed to superior quality and results.
- Broad vision. Careful thought. Hand-crafted design.
- Our reputation is as solid as Steel.
- Building your visions. Creating reality.
- Put us to the test, we are better than the rest.
- Listen better. Plan better. Build better.



We are easy to find.

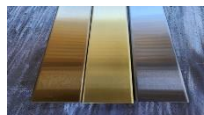
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U-Channel



Expansions Joint



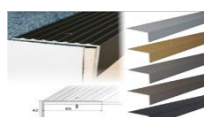
Car Parking Guards



Tile Movement Joint



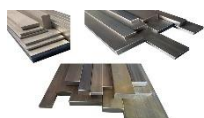
Marble cladding fixing



Aluminium Stair Nosing



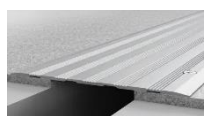
Tile Trim (Stainless Steel)



SS Divided Strip (Type: L & I)



Parking Bollard (Stainless Steel & M-S)



Expansions & Stainless Steel- Cover Joint

**Stainless  
Steel,  
Aluminium  
& Brass**

Index: Movement  
Joints



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Amongst the many factors causing ceramic tiles to move, are significant changes in atmospheric temperature, weight loading, traffic density, rigid attachments such as fixed plant, pillars etc. and thermal and moisture movements in the structural base, background and tiling.

AL MASA Movement Joints create a tile field which moves independently from those around it, and should be included at set distances in floor and wall tiles, in accordance with recommendations from the British Standards Institution (BSI).

A typical installation should include Movement Joints within the tiled area itself and on internal corners of walls, along with the floor to wall connection. They should also be used at the perimeter of application of over two meters or where there is excessive thermal and vibration movement. Installers and specifiers should always refer to the BSI recommendations for specific applications. There are different widths of performed movement joints, and the correct width and material must be specified to take thermal movement into account, along with traffic density.



#### TILE MOVEMENT JOINTS T-INTRA

The BSI states that ultimately the specifier is responsible for choosing the right joints and deciding where they will be positioned. In a nutshell, aluminum is ideal for commercial use, whereas brass and stainless steel are used for heavy commercial and industrial projects such as warehousing, production facilities Malls and airports and where the tiled surface is cleaned by scrubbing machine, or where there are rolling loads such as pallet trucks and metal-rimmed trolleys. Stainless Steel is also ideal where chemicals are used, such as laboratories and food processing plants.



#### TILE MOVEMENT JOINTS L-END



#### TILE MOVEMENT JOINTS STRIP



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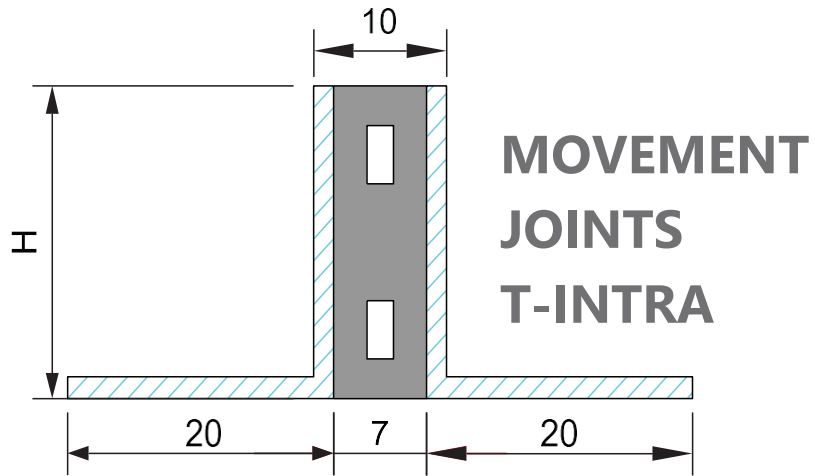
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**Features**

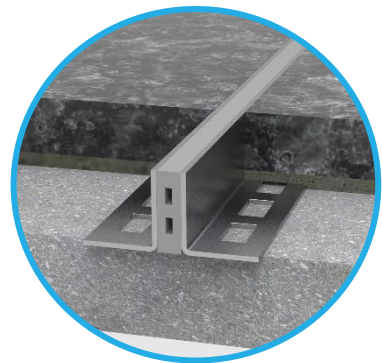
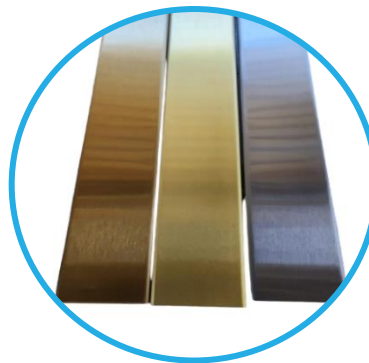
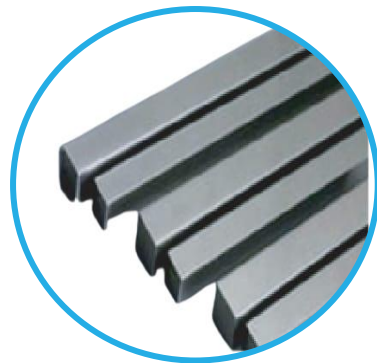
Tile Movement Joint T-INTRA is manufactured using 1.5mm side plates of Brass, Stainless Steel or Aluminum bonded firmly to a rubber insert of 7mm thickness.

The side plates range from 10mm onwards to maximum of 100mm in height and another sizes can be specially ordered.

Rubber inserts are available in 10 standard colours. All profiles are fabricated for a cut length of 2.44mm or any required length less than 2.44mm.



\*Note: Available Height 10/15/20/25mm.  
Any other sizes / shapes are available upon request.



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## TILE MOVEMENT JOINTS MANUFACTURER

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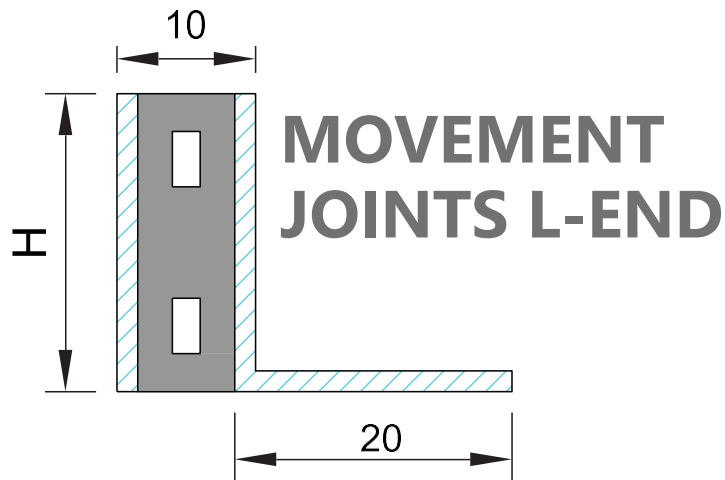
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### Features

Tile Movement Joint L-END is manufactured using one flat side plate on side and L-plate on the other side bonded to the rubber insert.

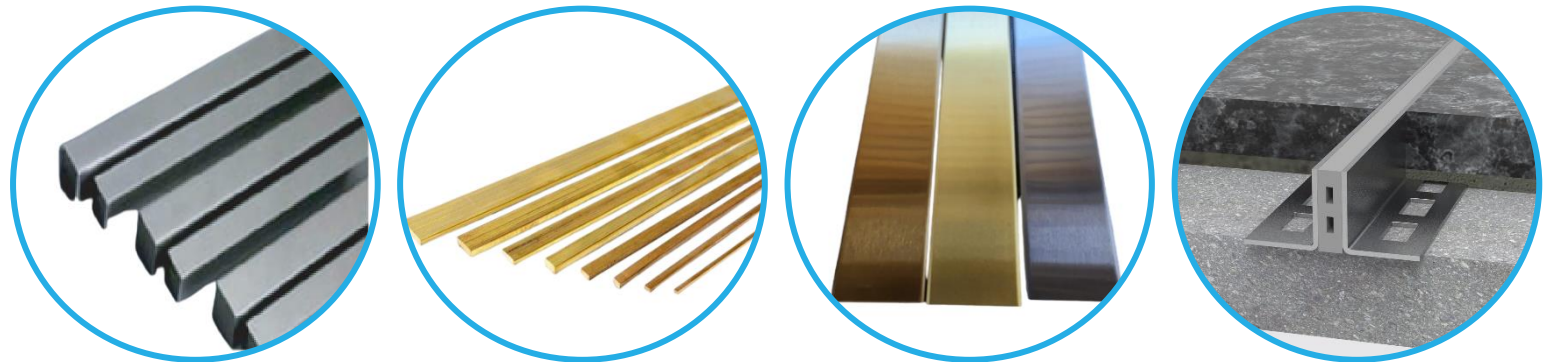
These profiles are particularly useful for perimeter fixing or an existing finished area.

Rubber insert are available in 10 standard colours. All profiles are fabricated for a cut length of 2.44mm or any other required length less than 2.44mm.



\*Note: Available Height 10/15/20/25mm.

Any other sizes / shapes are available upon request.



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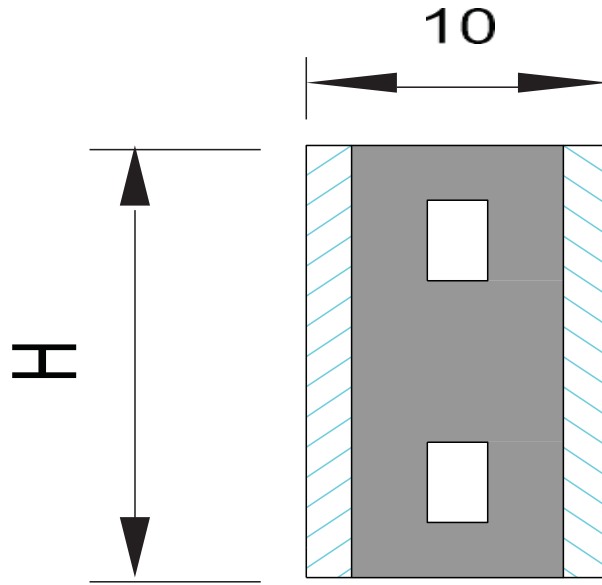
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## Features

Tile Movement Joint Strip is manufactured using 1.5mm side plate of Brass, Stainless Steel or Aluminum bonded firmly to a rubber insert of 7mm.

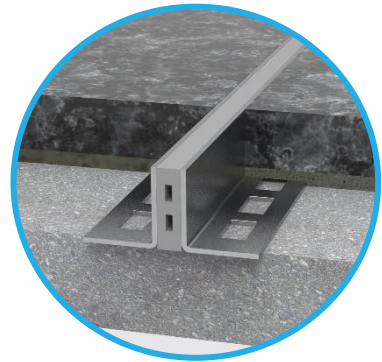
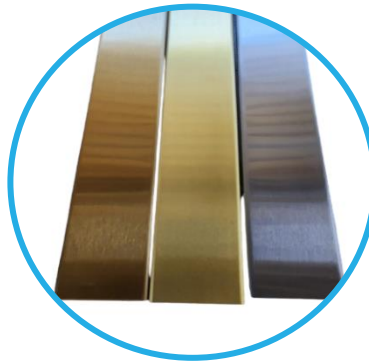
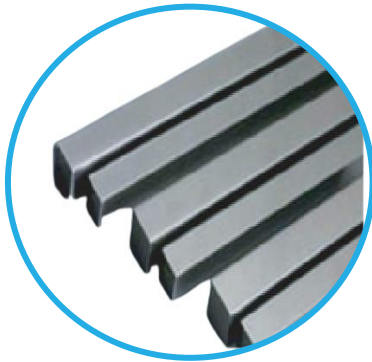
The side plates range from 15mm onwards to maximum of 100mm in height and can be specially ordered for a greater thickness for heavy duty applications.

Rubber inserts are available in 10 standard colours. All profiles are fabricated for a cut length of 2.44mm or any other required length less than 2.44mm.



## MOVEMENT JOINTS STRIP

*\*Note:* Available Height 15/20/25/30mm.  
Any other sizes / shapes are available upon request.



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### TILE MOVEMENT JOINTS MANUFACTURER

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Material	Grade / Alloy	Related Standards
Stainless Steel	(304) / (1.4301)	BSEN 10088-2:2014
	(316) / (1.4404)	BSEN 10088-2:2014
Aluminum	EN AW-6060	BSEN 12020-1:2008
	EN AW-6063	BSEN 12020-2:2008
Brass	Copper Alloys Bronze Alloys	BSEN 1652:1998
	CuZn43Pb2Al(CW624N)	GOST 15527-2004

### NEOPRENE

Temperature Range: - 35 to 100°C

GENERAL PROPERTIES :		
7	Resistance to UV	Excellent
8	Resistance to Water	Good
9	Resistance to Acids	Good
10	Resistance to Alkalis	Good
11	Resistance to H <sub>2</sub> S	Good
12	Resistance to Natural Gas	Fair
13	Resistance to Aliphatic Hydrocarbons	Good
14	Resistance to Ketones	Fair
15	Resistance to Alcohols	Fair
16	Resistance to Lubricating Oils	Good
17	Resistance to Hydraulic Oils	Good
18	Resistance to Fuels	Good
19	Resistance to Weathering	Excellent
20	Resistance to Oxidative	Good

PHYSICAL PROPERTIES				
Sl.Nr.	DESCRIPTION	TEST METHOD	UNIT	SPECIFICATION
1	Hardness	ISO 7619	Shore A	60± 5
2	Specific Gravity	ISO 2781	-	1.33±0.05
3	Tensile Strength, Min.	ISO 37	MPa	15.5
4	Elongation At Break, Min.	ISO 37	%	350
5	Compression Set, Max. (22hrs@100°C)	ISO 815	%	35
6	Accelerated ageing resistance. (70 hrs@ 100°C)	ISO 188	-	-
6.1	Change in Hardness	ISO 7619	Shore A	+15
6.2	Change in Tensile Strength, Max.	ISO 37	%	-15
6.3	Change in Elongation at Break, Max.	ISO 37	%	-40



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### EPDM TILE MOVEMENT JOINTS MANUFACTURER

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EPDM

Temperature Range: - 35 to 100°C

#### PHYSICAL PROPERTIES :

Sl.Nr.	DESCRIPTION	TEST METHOD	UNIT	SPECIFICATION
1	Hardness	ISO 7619	Shore A	70±5
2	Specific Gravity	ISO 2781	-	1.18±0.05
3	Tensile Strength, Min.	ISO 37	kg/cm2	100
4	Elongation At Break, Min.	ISO 37	%	300
5	Compression Set, Max. (22hrs@100°C)	ISO 815	%	35
6	Accelerated ageing resistance. (24hrs@100°C)	ISO 188	-	-
6.1	Change in Hardness	ISO 7619	Shore A	± 5
6.2	Change in Tensile Strength, Max.	ISO 37	%	-15
6.3	Change in Elongation at Break, Max.	ISO 37	%	-25

#### GENERAL PROPERTIES :

7	Resistance to UV	Excellent
8	Resistance to Water	Excellent
9	Resistance to Acids	Fair
10	Resistance to Alkalis	Fair
11	Resistance to Aliphatic Hydrocarbons	Fair
12	Resistance to Hydraulic Oils	Good
13	Resistance to Fuels	Fair
14	Resistance to Weathering	Excellent
15	Resistance to Oxidative ageing	Good



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PRICE  
QUALITY  
SERVICE



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Not only is it aesthetically pleasing, it's far less susceptible to contamination than rougher surface finishes. You achieve this smooth surface by working through grit grades in mechanical applications to gradually remove scratches and imperfections from the metal. In more technical terms, a mirror finished steel will have an Ra reading of less than 0.2 - Ra, or roughness average, measures microscopic peaks and troughs in the surface of the metal, the lower the number, the fewer or smaller the peaks and troughs are, meaning that your metal surface is smoother and more reflective.



## MIRROR FINISHING



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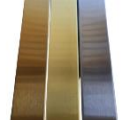
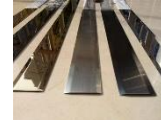
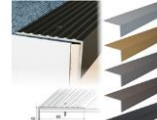
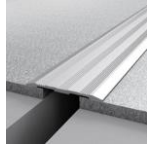
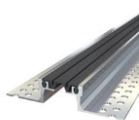
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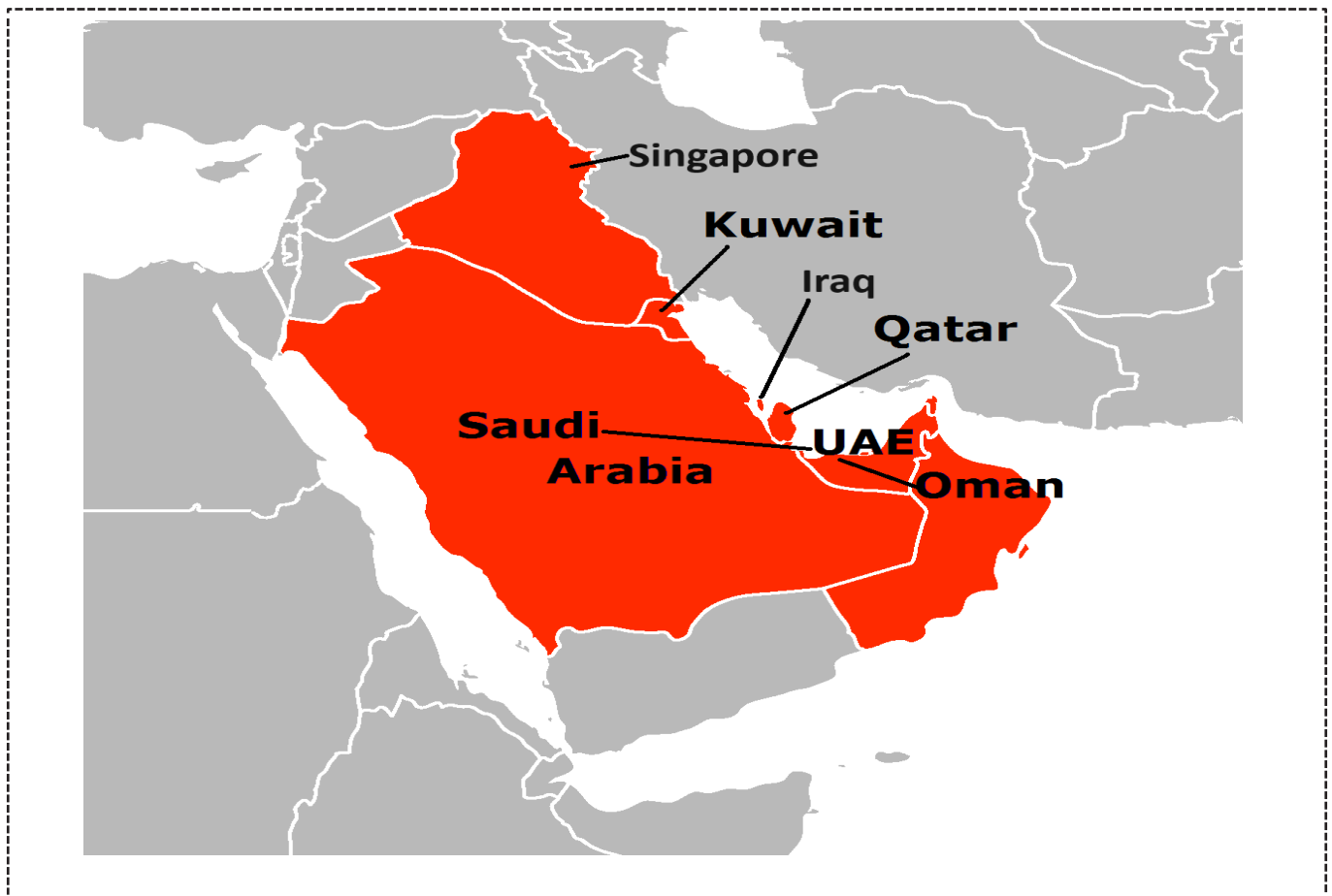
**LOCATIONS**

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**UNITED ARAB EMIRATES**

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