



**Aluminium Sheets,  
Coils,  
Tread Plates  
and Circles**

# Products

Aluminium Sheets, Coils,  
Tread Plates and Circles

**ELVAL offers Aluminium Sheets, Coils, Circles and Tread Plates of premium quality in a wide variety of dimensions in aluminium alloy series 1xxx, 3xxx and 5xxx.**

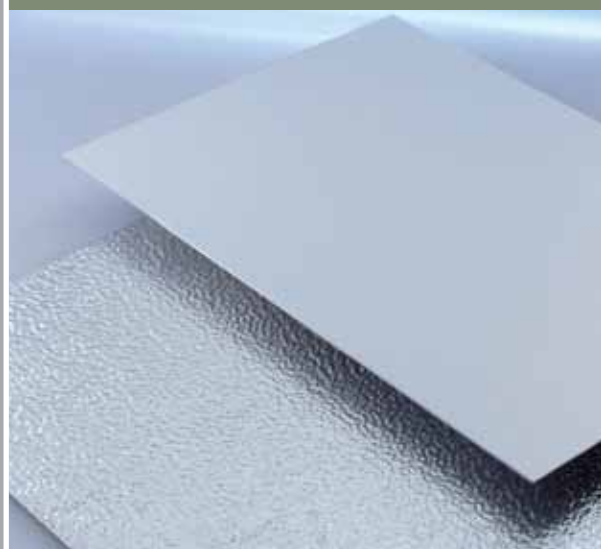
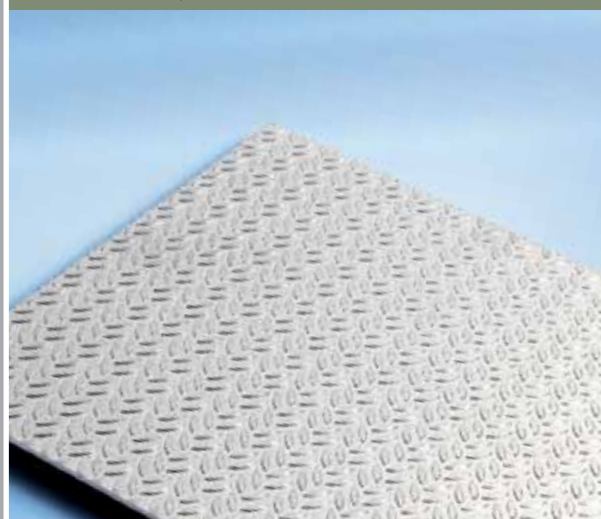
State-of-the-art machinery enables ELVAL to produce to the most exacting tolerance, resulting in material with excellent workability.

Having obtained global recognition, ELVAL Flat Rolled products are used for General Engineering, Industrial Applications and Construction. As a result of steady, high quality production and client service, ELVAL has secured over the years a substantial presence in the Cookware Manufacturing Industry, providing Circles<sup>1</sup> for Pans, Pots, Pot Bottoms and Covers.

## Quality Certification

- All material is produced according to EN and AA/ASTM standards, or customer's specific requirements.
- ELVAL's metallurgical laboratory can offer our customers new ideas and technology in order to comply with any specific metallurgical requirements.

ELVAL Grain pattern



## Production Range (mm)

	Coils	Sheets	Tread Plates	Circles
<b>Gauge</b>	0.20-12.00	0.30-12.00	1.50 to 6.00	0.40 to 10.00
<b>Width</b>	up to 2,500	up to 2,500	up to 1,500	-
<b>Pattern Height</b>	-	-	0.5 to 1.5	-
<b>Diameter</b>	-	-	-	100 - 1,200

### Surface finishes

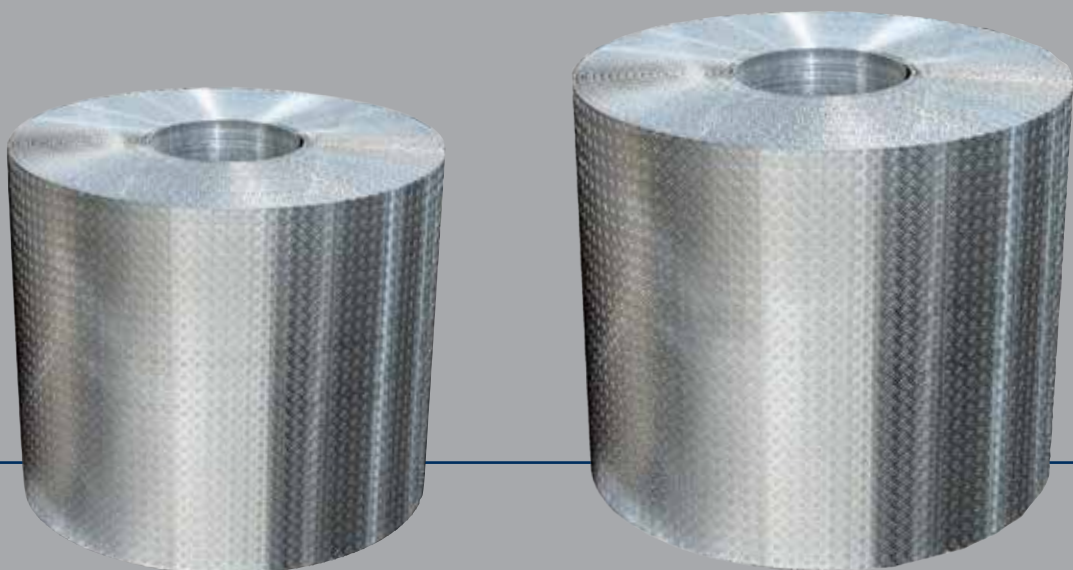
- Sheets can be produced either with protection PE film or paper interleaved.
- Sheets and coils can also be delivered stucco embossed<sup>2</sup>

### Film protection

- 50 microns – transparent
- 60 microns – blue transparent
- 80 microns black and white UV resistant
- 100 microns black and white suitable for laser cut

### Packing

Elval has extensive experience in securing safe road and sea transportation according to company's or customer's specifications.



## Stock (Major items)

Standard sheets in alloys	Gauges
1050 H24	0,5mm up to 6,00mm
5005 H24	0,5mm up to 6,00mm
5754 H22/H111	0,5mm up to 6,00mm
Tread Plates in alloys	Patterns
5754 H114	(5 Bars - 2 Bars)
1050 F'	(5 Bars)
5754 H224/H244	ELVAL Grain pattern
Shates in alloys	Gauges
5083 H111 H321	3,00mm up to 12,00mm
5754 H111	3,00mm up to 12,00mm

### Major stock dimensions

1000x2000 mm

1250x2500mm

1500x3000mm

2000x4000mm

2000x6000mm

### Special Sizes

**Strips:** ELVAL facilities provide slit material starting from 17.5 mm up to 100.0 mm wide, in gauges from 0.15 to 1.50 mm.

**Sheets:** Depending on customer requirements, ELVAL can provide special cut sizes or material in standard widths in various lengths up to 12,000 mm. <sup>3</sup>



## Range of Alloys and Tempers Produced for Flat Sheets and Coils

Alloys	Tempers								
	EN/AA/ASTM stds	Soft	-H14	-H24	-H16	-H26	-H18	-H28	Upon Request
1050	★	★	★	★	★	★	★	★	Soft DDG
1200	★	★	★	★	★	★	★	★	Soft DDG
3003	★	★	★	★	★	★	★	★	Soft DDG
3004	★	★	★	★	★	★	★	★	H32
3005	★	★	★	★	★	★	★	★	H32
3105	★	★	★	★	★	★	★	★	
5005	★	★	★			★	★	★	H34, H36
5052	★								H32, H36, H38
5251	★								H22, H32
5754	★		★				★		H22

## Alloys and Patterns Produced for Tread Plate Sheets and Coils

Alloys	Patterns				
	EN/AA/ASTM stds	Quintet (5-Bar)	Duet (2-Bar)	Diamond (1-Bar)	ELVAL Grain pattern
1050 -F		★	★	★	
3003 -H22/H24		★	★	★	
3105 -H14		★	★	★	
5052 -O and -F		★	★	★	
5251 -O and -F		★	★	★	
5754 -H114		★	★	★	★ <sup>④</sup>
5754 -H244		★	★	★	★
5754 -H224		★	★	★	★



- ① ELVAL circles are produced either from specific dies or shear cut for diameters over 550mm, depending on the end-use of the product.
- ② Depending on the alloy, max. gauge can be 1.5 mm.
- ③ Greater lengths can be considered upon request.
- ④ Can also be produced in alloy 5086 and other upon request



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