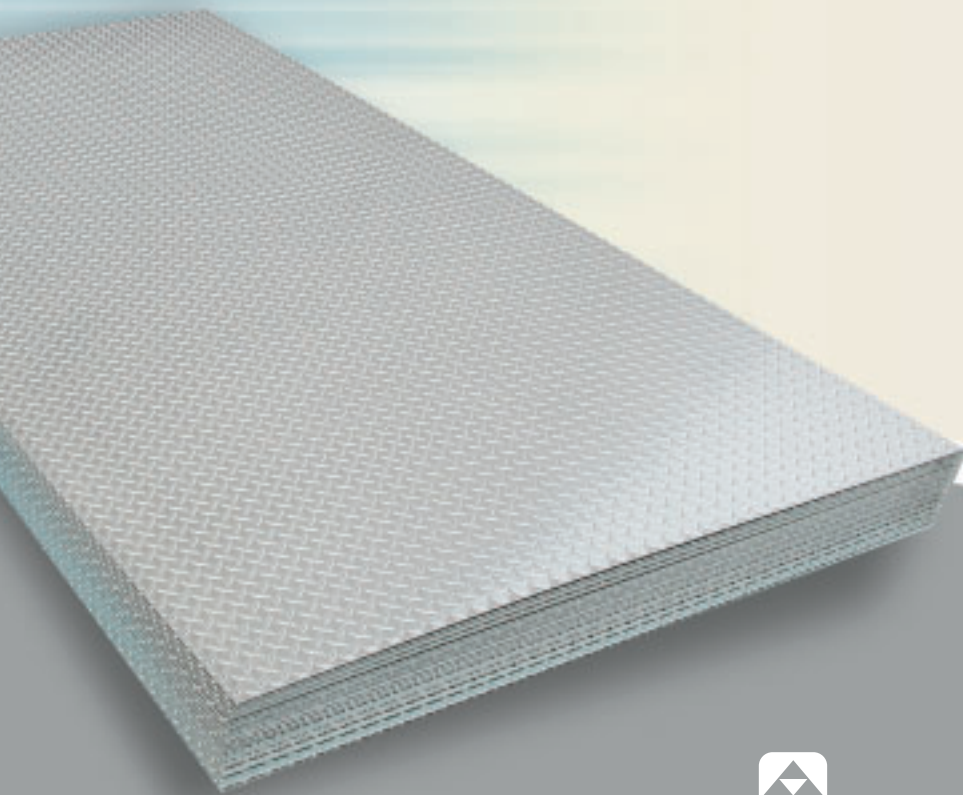


tread plate products

tread plate products

Alcoa produces tread plate on dedicated equipment to ensure the highest standards of quality, flexibility and reliability. Mostly used in flooring, tread plate provides anti-slip safety, perfect water drainage and easy cleaning. In addition, it does not require any surface treatment or maintenance, as it is resistant to weathering, corrosion and contact with chemicals. Alcoa tread plate is the perfect choice for dock surfaces, slippery areas, stairways, vehicles and ship cabins. This product also offers various attractive designs (1-bar, 2-bar, 5-bar, bright diamond bar) and is easy to store and install.



tread plate products technical data

ALLOYS

- EN AW 1050A, 1200
- EN AW 3003
- EN AW 5251, 5052, 5754, 5154A
- EN AW 5086, 5083
- EN AW 6061, 6082

CHEMICAL COMPOSITION

According to EN 573-3

PATTERN SHAPE

- 1-bar
- 2-bar
- 5-bar
- Diamond in case of alloy 3003 only.

MECHANICAL PROPERTIES AND BENDING

According to EN 1386

SURFACE QUALITY

- Mill finish
- Bright finish, in case of alloy 3003 and pattern 5-bar or diamond if thickness is maximum 4.0 mm

TOLERANCES AND PATTERN HEIGHT

According to EN 1386

CERTIFICATION

- ISO 9001 quality standards
- ISO 14001 environmental standards

SIZES RANGE

Sizes range for tread coil

Alloy	Temper	Size range (mm)			
		Thickness	Width	Diameter	
				Inside	Outside
5251, 5052, 5754	H114, H224	1.5-3.0	800-1500	500, 610	Max.1600
		3.0-6.0	800-1500	750	Max.1600
	F, H114, H224	3.0-7.0	1250-2000	600	Max.1800
	F, H114	7.0-8.0	1250-2000	600	Max.1800
5154A, 5086, 5083	F, H114	3.0-6.0	1250-2000	600	Max.1800
1050A, 1200, 3003	F, H114	3.0-8.0	1250-2000	600	Max.1800
3003	H224	1.42-3.18	800-1524	500, 610	Max.1600

Sizes range for tread plate

Alloy	Temper	Size range (mm)		
		Thickness	Width	Length
1050A, 1200	F	1.5-2.4	800-1500	1000-6000
		2.0-6.0	800-1500	1000-8000
	F, H114	1.5-2.0	900-1600	1000-4000
		2.0-8.0	900-2000	1000-9000
5251, 5052, 5754	H114, H224	1.5-2.4	800-1500	1000-6000
		2.4-6.0	800-1500	1000-8000
	F, H114, H224	1.5-2.0	900-1600	700-4000
		2.0-7.0	900-2000	1000-9000
F, H114	7.0-8.0	900-2000	1000-9000	
5154A	F, H114	2.0-6.0	900-1600	1000-9000
5086, 5083	F, H114, H224, H116	2.0-6.0	900-1600	1000-9000
6061, 6082	F, 0, T4, T6	1.5-2.0	900-1250	700-4000
		2.0-3.5	900-1600	1000-4000
	F, 0	2.0-3.5	1600-2000	1000-4000
		3.5-4.83	900-1250	1000-4000
	F, 0, T4, T6	3.5-4.83	1250-2000	1000-4000
F, 0	4.83-6.35	900-2000	1000-4000	
3003	H224	1.5-2.0	800-1524	1000-4000
		2.0-2.4	800-1524	1000-6000
		2.4-6.35	800-1524	1000-8000