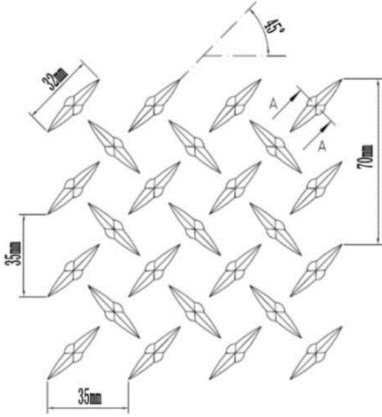


TEKNİK ALÜMİNYUM SAN. A.Ş.

Velimeşe OSB. Mah. 6.Yanyol Cad. Teknik Alüminyum Blok No :40/1

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3003-H22/24-TREAD BRIGHT(Diamond Pattern) SPECIFICATION



TECHNICAL DATA SHEET 3003 TREAD BRIGHT COIL AND PLATES

Pattern Length Tolerance Inch : 1,18" Inch +/-0,079"

Pattern Length Tolerance mm : 30 mm +/- 2,0 mm

CHEMICAL COMPOSITION / Chemical compositions are given according to EN 573-3.

EN AW – 3003 AlSiMnMgCu										
Alloy (Alaşıım)										
Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Others Each	Others Total	Al
Max	Max	Min-Max	Min-Max	Min-Max				Max	Max	
0,6	0,70	0,05 – 0,20	1,0 – 1,5	-	-	0,10	...	0,05	0,15	Remain

MECHANICAL PROPERTIES

Temper	Thickness mm	Min. Yield Strenght (Rp 0.2) Mpa	Tensile Strenght (Rm) Mpa	Min Elongation % (A50)	Bending 90	Bending 180
F						
H224	1,600 – 3,00	80	120 – 180	4	0,5t	1t
	3,001 – 3,200	80	120 – 180	5	0,5t	1t
H244	1,140 - 1,500	115	140 – 200	2	0,5t	1t
	1,501 – 1,600	115	140 – 200	3	0,5t	1t

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PHYSICAL PROPERTIES

Base Thickness Range		Width tolerance up to 82" inch / 2082 mm		Length tolerance up to 236" inch /6000 mm					
				Up to 2000 mm		2001 - 5000		5001 - 6000	
Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm
0,045 – 0,125	1,143 – 3,175	0 / + 0,118	-0 / +3	-0 + 0,157	-0 +4	-0 +0,197	-0 +5	-0 +0,236	-0 +6

Thickness		Thickness Tolerance		Nominal Pattern		Pattern Height Tolerance	
Inch	mm	Inch	mm	Inch	mm	Inch	mm
0,045	1,143	+0,004/-0,003	+0,1 / -0,07	0,026	0,7	+/-0,006	+/-0,15
0,056	1,422	+/-0,005	+/-0,12	0,031	0,8	+/-0,006	+/-0,15
0,058	1,473	+/-0,005	+/-0,12	0,031	0,8	+/-0,006	+/-0,15
0,063	1,6	+/-0,005	+/-0,12	0,031	0,8	+/-0,006	+/-0,15
0,08	2,032	+/-0,006	+/-0,15	0,031	0,8	+/-0,006	+/-0,15
0,09	2,286	+/-0,006	+/-0,15	0,039	1	+/-0,006	+/-0,15
0,1	2,54	+/-0,008	+/-0,20	0,039	1	+/-0,006	+/-0,15
0,125	3,175	+/-0,010	+/-0,25	0,047	1,2	+/-0,006	+/-0,15

Customized Thickness Tolerance Can Be Offered Upon Inquiry

For special requests , sales department will support.

