



Tread ACHIL 02

Steel 240 YP

Classified in the highest anti-slip class R13 according to DIN 51130. Upwards punched holes and downwards drain holes ensure drainage of liquids so that the surface is dry and non-slip. The rolled flanges provides the stair tread a high load capacity, while protecting footwear and sharp edges are avoided. The tread comes with bolt holes in end pieces for mounting on the stringers.



Specifications

PTV guidelines	36+ Low Slip Potential
Dry PTV average	66
Wet PTV average	50
Slip resistance	R13 = slope >35° acc. to DIN 51130
Displacement space	V10 acc. to DIN 51130
Flange design	Achil [b]
Free area	20-25 %
Upward grip holes	dia. 9
Downward drainage holes	dia. 5 mm
C-C grid	25 x 25 mm
Designed in accordance with	BS 4592
Fire resistance Critical temperature	3 kN / 100x100mm 550 °C

Suitable application areas

Straight staircases

Featured cases

Platforms and stairs for grand stand systems - Germany

Public stairs, landings and walkways - HMS Gallipoli - Portsmouth, England

Walkways and stairways - ImageWharf - Amsterdam, Netherlands

Related products

Tread plank ACHIL O2

Plank O2

Plank grating O2

Tread ACHIL VISUAL O2

Tread BUILD VISUAL O2

Standard dimensions

Length (mm)	Width (mm)	Height (mm)	Mat. thickness (mm)	Finish	Weight (kg)	Availability	Item number
400	150	45	2	Mill finish	2.20	Stock item	F100000100
500	150	45	2	Mill finish	3.20	Stock item	F100010100
500	150	45	2	Hot-dip galvanised	2.70	Stock item	F100010101
600	150	45	2	Mill finish	3.20	Stock item	F100020100
600	150	45	2	Hot-dip galvanised	3.20	Stock item	F100020101
700	150	45	2	Mill finish	3.70	Stock item	F100030100
700	150	45	2	Hot-dip galvanised	3.70	Stock item	F100030101
800	150	45	2	Mill finish	4.20	Stock item	F100040100
800	150	45	2	Hot-dip galvanised	4.20	Stock item	F100040101
900	150	45	2	Hot-dip galvanised	4.70	Stock item	F100050101
1000	150	45	2	Mill finish	5.10	Stock item	F100060100
1000	150	45	2	Hot-dip galvanised	5.10	Stock item	F100060101
1100	150	58	2	Hot-dip galvanised	5.80	Stock item	F100070101
1200	150	58	2	Hot-dip galvanised	6.30	Stock item	F100080101
1300	150	58	2	Hot-dip galvanised	6.80	Stock item	F100090101
1500	150	58	2	Hot-dip galvanised	7.90	Stock item	F100100101
400	200	45	2	Mill finish	3.70	Stock item	F100110100
400	200	45	2	Hot-dip galvanised	2.60	Stock item	F100110101
500	200	45	2	Mill finish	3.70	Stock item	F100120100
500	200	45	2	Hot-dip galvanised	3.10	Stock item	F100120101
600	200	45	2	Mill finish	3.70	Stock item	F100130100
600	200	45	2	Hot-dip galvanised	3.70	Stock item	F100130101
700	200	45	2	Mill finish	4.20	Stock item	F100140100
700	200	45	2	Hot-dip galvanised	4.20	Stock item	F100140101
800	200	45	2	Mill finish	4.80	Stock item	F100150100
800	200	45	2	Hot-dip galvanised	4.80	Stock item	F100150101
900	200	45	2	Mill finish	5.30	Stock item	F100160100
900	200	45	2	Hot-dip galvanised	5.30	Stock item	F100160101
1000	200	45	2	Mill finish	5.90	Stock item	F100170100
1000	200	45	2	Hot-dip galvanised	5.90	Stock item	F100170101
1100	200	58	2	Mill finish	7.10	On request	F100180100
1100	200	58	2	Hot-dip galvanised	7.10	Stock item	F100180101
1200	200	58	2	Mill finish	7.70	Stock item	F100190100
1200	200	58	2	Hot-dip galvanised	7.70	Stock item	F100190101

1500	200	58	2	Mill finish	9.40	Stock item	F100200100
1500	200	58	2	Hot-dip galvanised	9.40	Stock item	F100200101
400	225	45	2	Hot-dip galvanised	2.80	Stock item	F100210101
500	225	45	2	Hot-dip galvanised	3.30	Stock item	F100220101
600	225	45	2	Mill finish	3.90	Stock item	F100230100
600	225	45	2	Hot-dip galvanised	3.90	Stock item	F100230101
700	225	45	2	Mill finish	4.50	Stock item	F100240100
700	225	45	2	Hot-dip galvanised	4.50	Stock item	F100240101
800	225	45	2	Mill finish	5.10	Stock item	F100250100
800	225	45	2	Hot-dip galvanised	5.10	Stock item	F100250101
900	225	45	2	Mill finish	5.70	Stock item	F100260100
900	225	45	2	Hot-dip galvanised	5.70	Stock item	F100260101
1000	225	45	2	Mill finish	6.20	Stock item	F100270100
1000	225	45	2	Hot-dip galvanised	6.20	Stock item	F100270101
1100	225	58	2	Mill finish	7.50	Stock item	F100280100
1100	225	58	2	Hot-dip galvanised	7.50	Stock item	F100280101
1200	225	58	2	Mill finish	8.10	Stock item	F100290100
1200	225	58	2	Hot-dip galvanised	8.10	Stock item	F100290101
1500	225	58	2	Mill finish	10.00	Stock item	F100300100
1500	225	58	2	Hot-dip galvanised	10.00	Stock item	F100300101
500	250	45	2	Mill finish	4.20	Stock item	F100310100
500	250	45	2	Hot-dip galvanised	3.60	Stock item	F100310101
600	250	45	2	Mill finish	4.20	Stock item	F100320100
600	250	45	2	Hot-dip galvanised	4.20	Stock item	F100320101
700	250	45	2	Mill finish	4.80	Stock item	F100330100
700	250	45	2	Hot-dip galvanised	4.80	Stock item	F100330101
800	250	45	2	Mill finish	5.40	Stock item	F100340100
800	250	45	2	Hot-dip galvanised	5.40	Stock item	F100340101
900	250	45	2	Mill finish	6.00	Stock item	F100350100
900	250	45	2	Hot-dip galvanised	6.00	Stock item	F100350101
1000	250	45	2	Mill finish	6.60	Stock item	F100360100
1000	250	45	2	Hot-dip galvanised	6.60	Stock item	F100360101
1100	250	58	2	Mill finish	7.90	Stock item	F100370100
1100	250	58	2	Hot-dip galvanised	7.90	Stock item	F100370101
1200	250	58	2	Mill finish	8.20	Stock item	F100380100
1200	250	58	2	Hot-dip galvanised	8.20	Stock item	F100380101
1300	250	58	2	Hot-dip galvanised	8.60	Stock item	F100390101
1500	250	58	2	Mill finish	10.50	Stock item	F100400100
1500	250	58	2	Hot-dip galvanised	10.50	Stock item	F100400101
600	275	45	2	Mill finish	4.40	Stock item	F100410100
600	275	45	2	Hot-dip galvanised	4.40	Stock item	F100410101
700	275	45	2	Mill finish	5.00	Stock item	F100420100
700	275	45	2	Hot-dip galvanised	5.00	Stock item	F100420101
800	275	45	2	Mill finish	5.70	Stock item	F100430100
800	275	45	2	Hot-dip galvanised	5.70	Stock item	F100430101
900	275	45	2	Mill finish	6.30	Stock item	F100440100
900	275	45	2	Hot-dip galvanised	6.30	Stock item	F100440101
1000	275	45	2	Mill finish	7.00	Stock item	F100450100
1000	275	45	2	Hot-dip galvanised	7.00	Stock item	F100450101
1100	275	58	2	Mill finish	8.30	Stock item	F100460100
1100	275	58	2	Hot-dip galvanised	8.30	Stock item	F100460101
1200	275	58	2	Mill finish	9.00	Stock item	F100470100

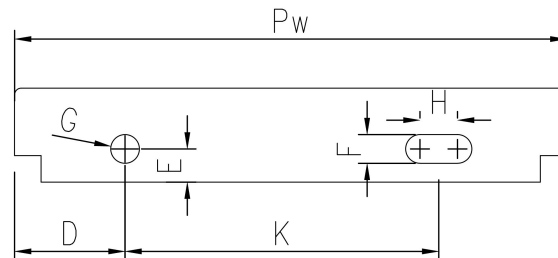
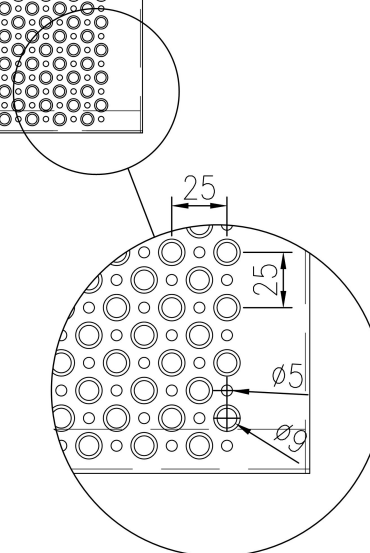
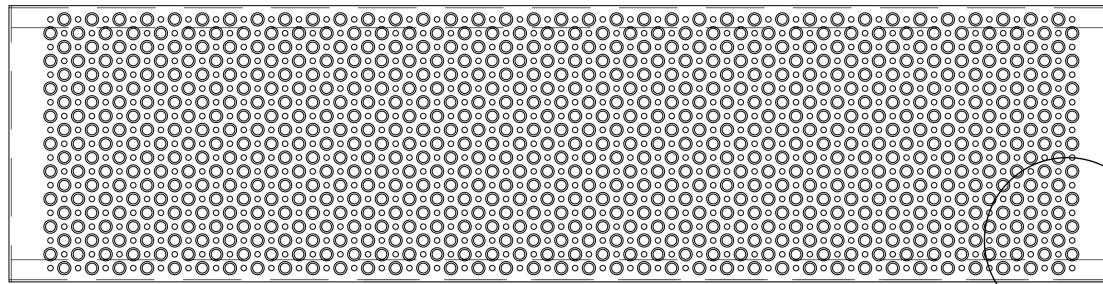
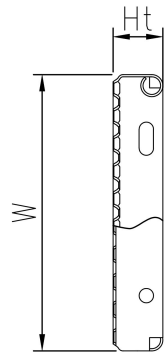
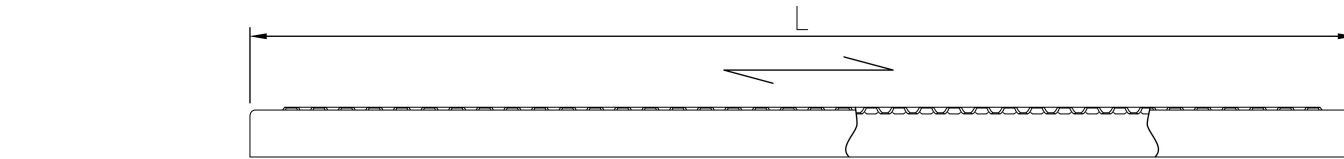
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600	300	45	2	Mill finish	4.60	Stock item	F100500100
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700	300	45	2	Mill finish	5.30	Stock item	F100510100
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800	300	45	2	Mill finish	6.00	Stock item	F100520100
800	300	45	2	Hot-dip galvanised	6.00	Stock item	F100520101
900	300	45	2	Mill finish	6.70	Stock item	F100530100
900	300	45	2	Hot-dip galvanised	6.70	Stock item	F100530101
1000	300	45	2	Mill finish	7.40	Stock item	F100540100
1000	300	45	2	Hot-dip galvanised	7.40	Stock item	F100540101
1100	300	58	2	Mill finish	8.70	Stock item	F100550100
1100	300	58	2	Hot-dip galvanised	8.70	Stock item	F100550101
1200	300	58	2	Mill finish	9.40	Stock item	F100560100
1200	300	58	2	Hot-dip galvanised	9.40	Stock item	F100560101
1500	300	58	2	Mill finish	11.60	Stock item	F100580100
1500	300	58	2	Hot-dip galvanised	11.60	Stock item	F100580101
1300	300	58	2	Hot-dip galvanised	9.90	Stock item	F100570101
400	150	45	2	Hot-dip galvanised	2.20	Stock item	F100000101

End piece dimensions

Width (Pw) (mm)	Total height (Ht) (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	K (mm)
150		35	15	13	13	17	78
200		45	15	13	13	17	102
225		45	15	13	13	17	127
250		50	15	13	13	17	142
275		62	15	13	13	17	143
300		50	15	13	13	17	192

Other materials available

Aluminium 3005-16 H66



Product name
OPTIMO Tread ACHIL O2