

## WOODEN POLES TECHNICAL SPECIFICATIONS

No	Title	Technical Information	Explanation
1	Exporter Company	MEFE Ticaret İthalat İhracat Ltd. Şti.	
2	Country of Origin	Türkiye	All native trees grown in different regions of Turkey are used. Trees are selected from regions suitable for the geographical and climatic conditions of the country to be exported.
3	Manufacturer	Türkiye	We work with companies that directly produce wooden poles in Turkey and provide the necessary production and certification. These producers, with whom we actively cooperate, meet 90% of the total production in Turkey
4	Species of timber	Pine	Scots Pine - Turkish Pine
5	Full botanical name	Pinus Sylvestris	Pinus sylvestris L. - Pinus brutia Ten..
6	Height	7 m - 12 m	Production is made in the requested length.
7	Thickness Groups	Slim group - Middle group - Thick group	Average values for the thin group: Upper diameter: 15 cm. Minimum diameter 1.5 meters from the bottom: less than 20 cm.
			Average values for the middle group: Upper diameter: 15-18 cm, Minimum diameter 1.5 meters from the bottom: 20-23 cm
			Average values for the thick group: Upper diameter: more than 18 cm. Minimum diameter at 1.5 meters from the bottom: more than 23 cm.
8	Upper Diameter (Min.-Max.)	100 mm - 300 mm	It is selected and processed in sizes determined according to demand.
9	Minimum diameter at 1.5m from butt	130 mm - 350 mm	It is selected and processed in sizes determined according to demand.
10	Weight of poles	120 kg - 220 kg	The average weight for the middle group is 160-180 kg.
11	Production capacity	20,000 Poles per year	
12	Documented Standards	BS.EN 599.1	
		EN 14229	
		ISO 9001, ISO 10002, ISO 14001, ISO 27001, ISO 45001, ISO 50001,	
13	Pole shape	Straight, with smooth surface, Generally Round, Free from Sweeps and Crooks, Top of the pole shall be cut at an angle not less than 30 degree	
14	Flexural Strength	Min. 50,1 N/mm <sup>2</sup>	TSE (TS EN 14229)
15	Flexibility Module	Min. 8000 N/mm <sup>2</sup>	TSE (TS EN 14229)
16	For unsupported poles: Ultimate breaking load at a height of 0.6 meters from the top of the pole	Min. 8.5 KN	
17	Where stay are used: Average ultimate fibre stress	Min. 80 KN	
18	Impregnation Process	CCB (Copper / Chromium / Boron) Wolmanit CX-8	
19	Impregnation Standards	Korasit® CCON : EN 599-1	Korasit® CCON'un, EN 599-1 standartlarına uygunluğu belgelendirilmiştir.
		CKB-P : EN 599-1	CKB-P, EN 599-1 standartlarına uygunluğu belgelendirilmiştir.
		WOLMANIT CB (CCB)	TSE EN 599+A1 (İSTANBUL TEKNİK ÜNİVERSİTESİ)
20	Net amount of dry salt on the poles	Min. 15 kg/m <sup>3</sup>	
21	Preserved Life Cycle of woods	Min. 25 years	
22	Tests	TSE and University	
23	International conformity report	Available	Upon request, we mediate the auditing and reporting of prepared products by international audit firms.
24	Marking with aluminium plate	Available	If requested, we prepare and assemble aluminum plates in the desired size and features.
25	Wooden poles marking drawing	Available	If requested, we paint your brand or corporate name on trees in desired color sizes.