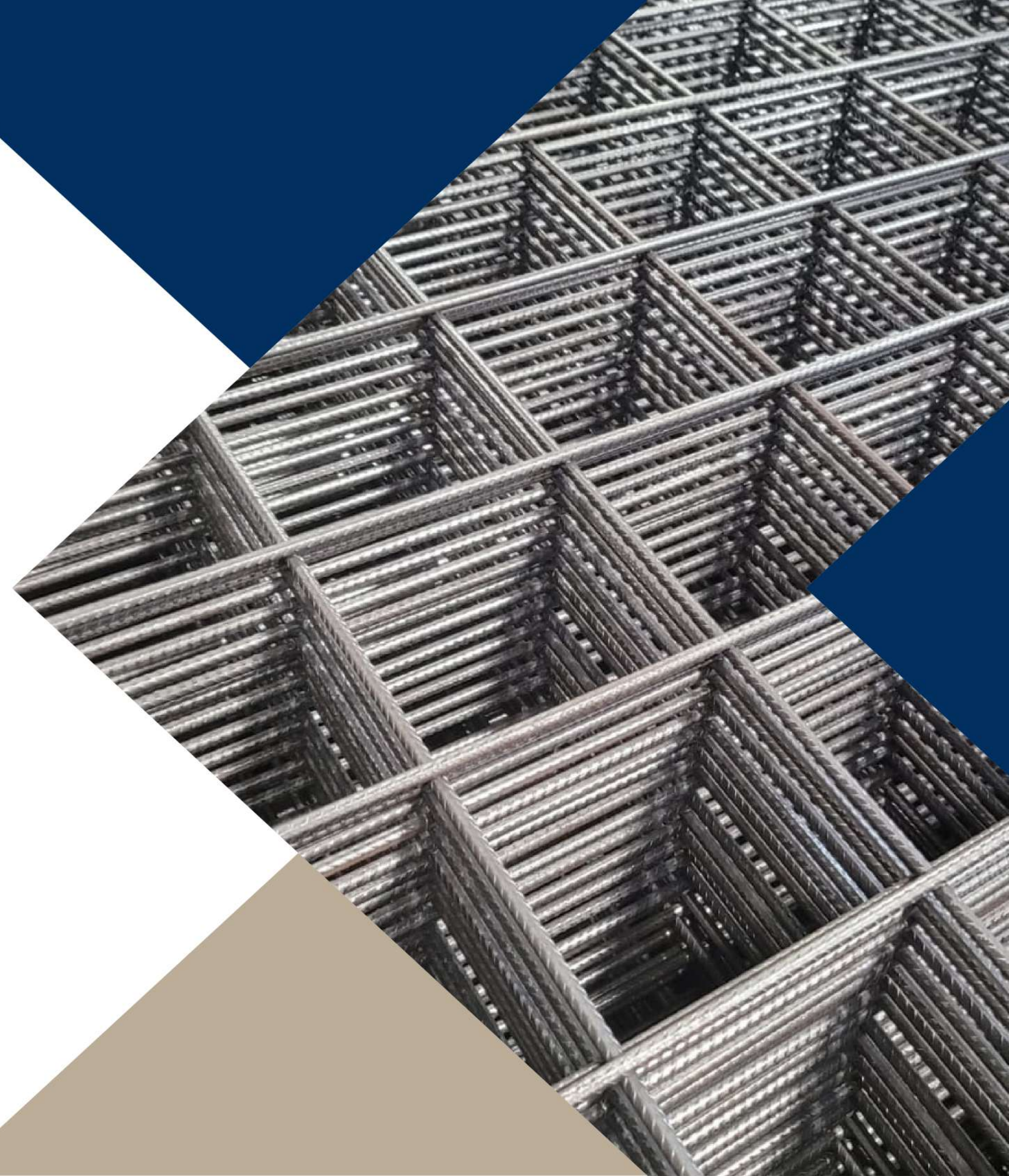


# AKEL®

## STEEL WIRE MESH

[www.akelcelik.com.tr](http://www.akelcelik.com.tr)







# Steel Mesh

▶ The steel mesh is produced by joining cold-drawn rods with increased strength and ribbed to each other by electric spot welding.

▶ Standard steel mesh comes in a width of 2.15m x length of 5.00m (15x15) mesh size and varying bar diameters.

▶ In steel mesh, production possibilities are also offered in different processes, sizes, and varying diameters of special steel mesh according to the customer's choices and the project.



# Usage Areas



- |          |  |           |  |
|----------|--|-----------|--|
| <b>1</b> | On the decks of reinforced concrete structures | <b>6</b>  | In industrial buildings                    |
| <b>2</b> | On floors without beams                        | <b>7</b>  | In subway, gallery and tunnel construction |
| <b>3</b> | On individual and radial foundations           | <b>8</b>  | Dams, canals and canals                    |
| <b>4</b> | Curtains and retaining walls                   | <b>9</b>  | In prefabricated building elements         |
| <b>5</b> | In highway, runway and field concretes         | <b>10</b> | In reinforced concrete pipes               |



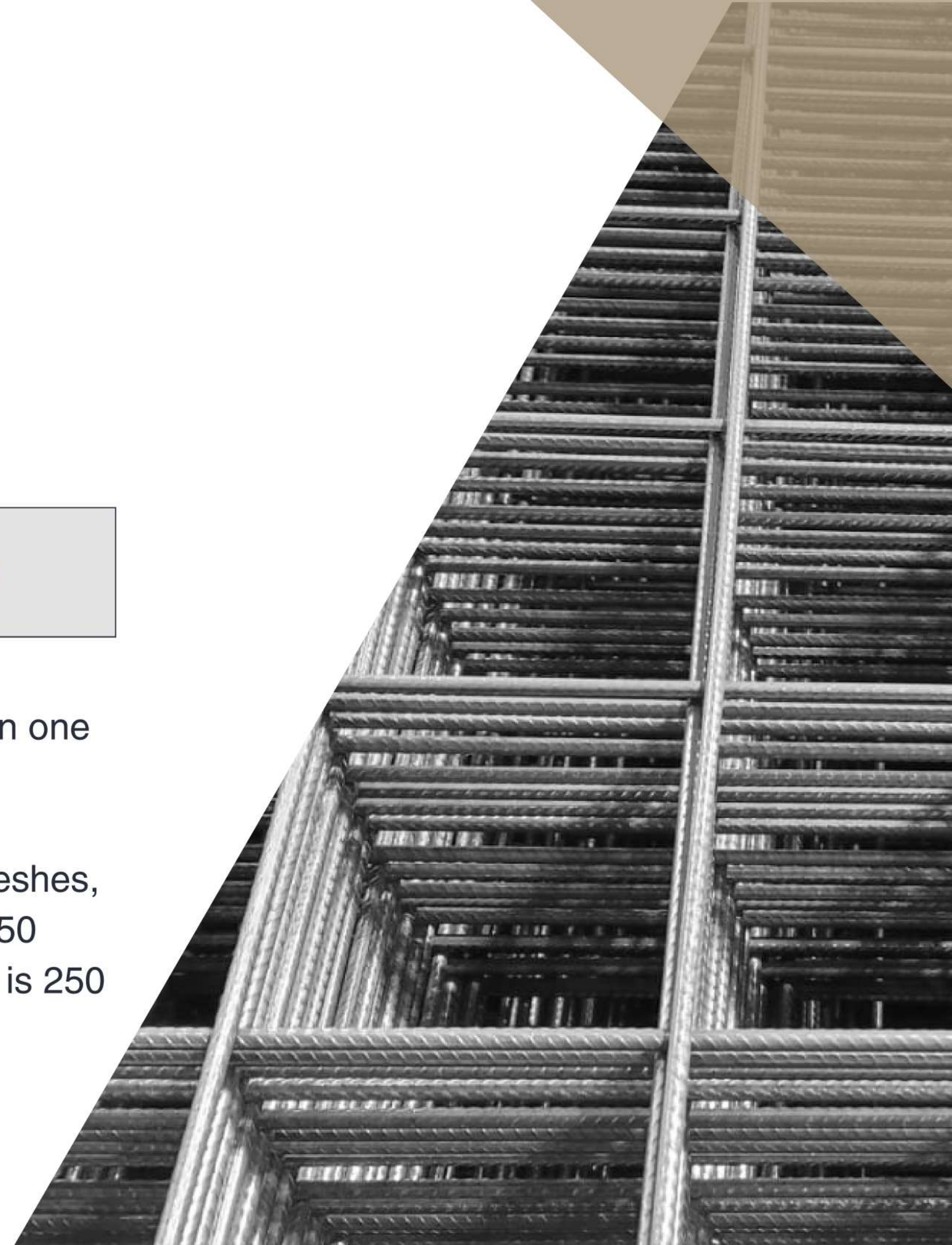
# Steel Mesh Types

## Q TYPE MESH

It is used in double-sided working flooring and reinforced concrete structural elements with square spacing. In Q-type nets, the length and width bar spacing is 150 mm.

## R TYPE MESH

It is used in slabs running in one direction with rectangular intervals and in support equipment. In all R type meshes, the length bar spacing is 150 mm, the width bar spacing is 250 mm.





# Q TYPE / R TYPE MESH WEIGHT TABLES

STEEL WIRE MESH TYPE	LENGTH/WIDTH (CM )	MESH SIZE (MM LENGTH/WIDTH)	DIAMETER (MM LENGTH/WIDTH)	MESH WEIGHT (KG)
Q84/84	500/215	150/150	4.0/4.0	14,16
Q106/106	500/215	150/150	4.5/4.5	17,92
Q131/131	500/215	150/150	5.0/5.0	22,13
Q158/158	500/215	150/150	5.5/5.5	26,77
Q188/188	500/215	150/150	6.0/6.0	31,86
Q221/221	500/215	150/150	6.5/6.5	37,39
Q257/257	500/215	150/150	7.0/7.0	43,37
Q257/188	500/215	150/150	7,0./6.0	37,86
Q295/295	500/215	150/150	7.5/7.5	49,78
Q295/257	500/215	150/150	7.5/7.0	46,71
Q295/221	500/215	150/150	7.5/6.5	43,85
Q295/257	500/215	150/150	7.5/6.0	41,21
Q335/335	500/215	150/150	8.0/8.0	56,64
Q335/295	500/215	150/150	8.0/7.5	53,36
Q335/257	500/215	150/150	8.0/7.0	50,29
Q335/221	500/215	150/150	8.0/6.5	47,43
Q335/188	500/215	150/150	8.0/6.0	44,78
Q424/424	500/215	150/150	9.0/9.0	71,69
Q424/335	500/215	150/150	9.0/8.0	64,49
Q424/295	500/215	150/150	9.0/7.5	61,21
Q424/257	500/215	150/150	9.0/7.0	58,14
Q424/221	500/215	150/150	9.0/6.5	55,28
Q524/524	500/215	150/150	10.0/10.0	88,51
Q524/424	500/215	150/150	10.0/9,0	80,46
Q524/377	500/215	150/150	10.0/8.5	76,75
Q524/335	500/215	150/150	10.0/8.0	73,26
Q524/295	500/215	150/150	10.0/7.5	69,98
Q524/257	500/215	150/150	10.0/7.0	66,91

STEEL WIRE MESH TYPE	LENGTH/WIDTH (CM)	MESH SIZE (MM LENGTH/WIDTH)	DIAMETER (MM LENGTH/WIDTH)	MESH WEIGHT (KG)
R106	500/215	150/250	4.5/4.5	14,71
R131	500/215	150/250	5.0/5.0	18,16
R158	500/215	150/250	5.5/5.0	20,58
R188	500/215	150/250	6.0/5.0	23,23
R221	500/215	150/250	6.5/5.0	26,12
R257	500/215	150/250	7.0/5.0	29,23
R295	500/215	150/250	7.5/5,0	32,58
R317	500/215	150/250	7.8/5.0	34,71
R335	500/215	150/250	8.0/5.0	36,16
R377	500/215	150/250	8.5/5.5	41,35
R390	500/215	150/250	8.7/5.5	42,94
R424	500/215	150/250	9.0/5.5	45,39
R443	500/215	150/250	9.2/5.5	47,07
R473	500/215	150/250	9.5/5.5	49,66
R524	500/215	150/250	10.0/6.0	55,69

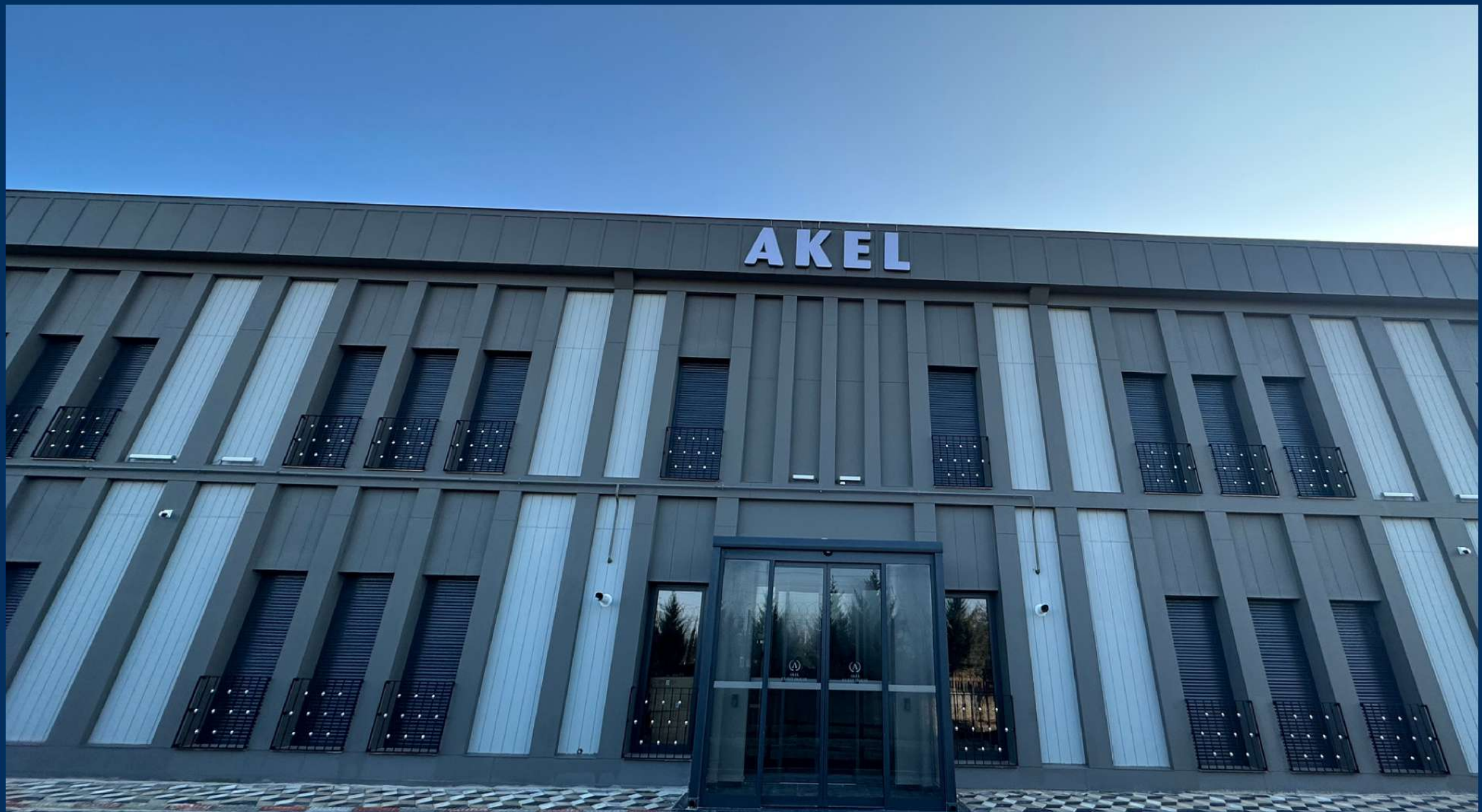




Production capacity of 4500 tons per month

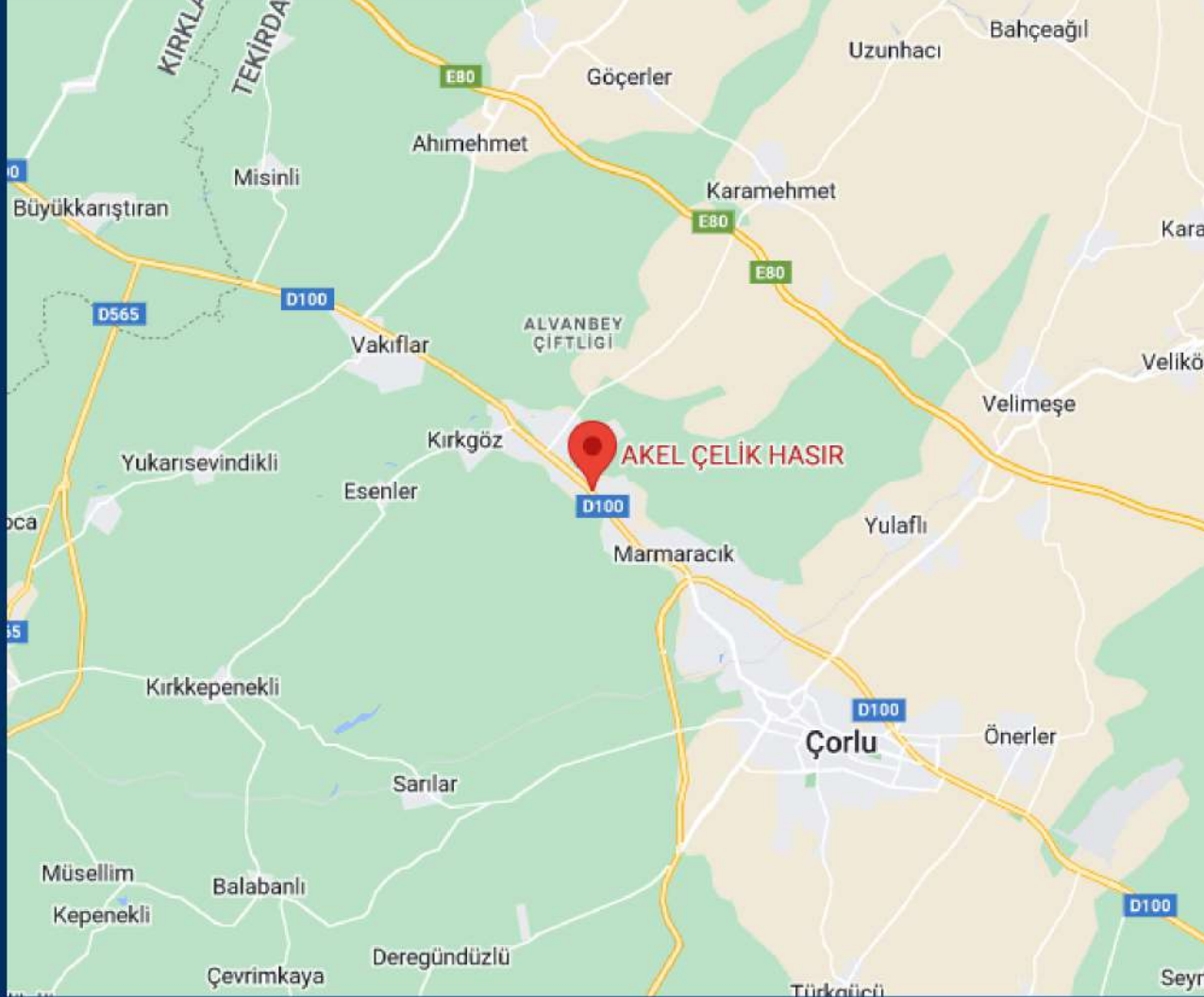








# CONTACT



## HEAD-QUARTER

15 Temmuz Mh. Gulbahar Cd. 1493 Sk. No.:62  
BaGcılar/ISTANBUL

## PHONE

+90 212 671 27 60

## E-MAIL

info@akelcelik.com.tr

## FACTORY ADDRESS

ERGENE 2 OSB 208 SK. NO.:3/1 ERGENE/TEKIRDAG  
[www.akelcelik.com.tr](http://www.akelcelik.com.tr)