

EXPANDED METAL

ISTEGNUTI METAL

expanded metal

generality

Expanded metal is obtained by expanding, a cold deforming process applied to a solid sheet metal, which creates regular diamond shaped, square, round or hexagonal openings.

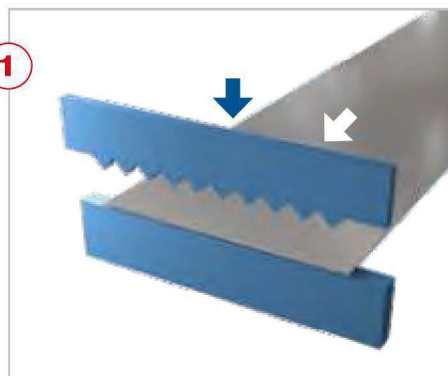
The main properties that mostly distinguish expanded metal and contribute to its use in various applications, both industrial and architectural ones, are its three-dimensional shape and easy further workability. Coming from a combined cutting and stretching action, or rather, expanding process, no material is being scrapped during manufacturing, as a result providing an absolutely cost-effective product.

All expanded metal can be manufactured in plain carbon steel, galvanized steel, stainless steel, aluminium, titanium, nickel and any other ductile metal. Expanded metal is available for further processing, such as: powder coating, rinsing, heat treatments or hot-dip galvanizing.

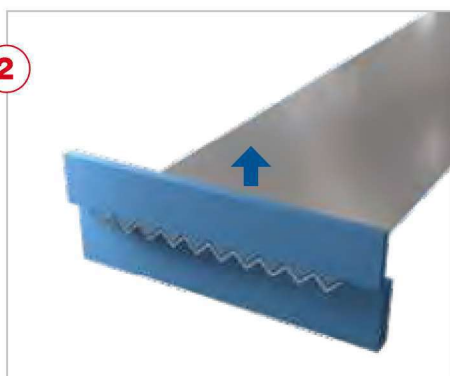


Expanding process

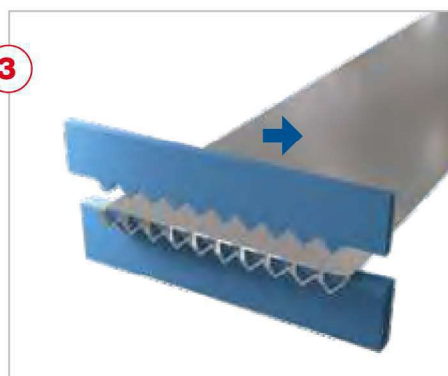
1



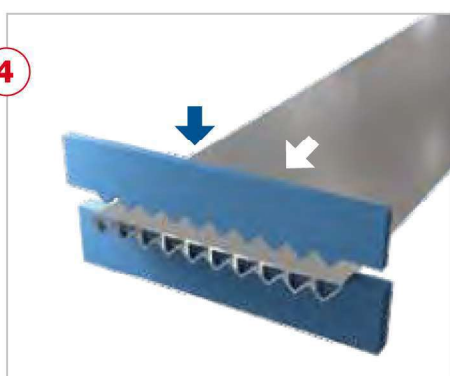
2



3



4



5



TAILOR-MADE PANELS



FLATTENING



HOT-DIP GALVANIZING



RINSING



POWDER COATING



HEAT TREATMENTS

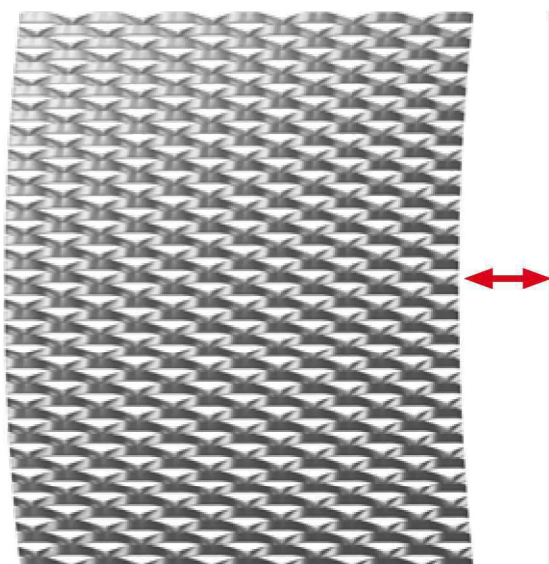
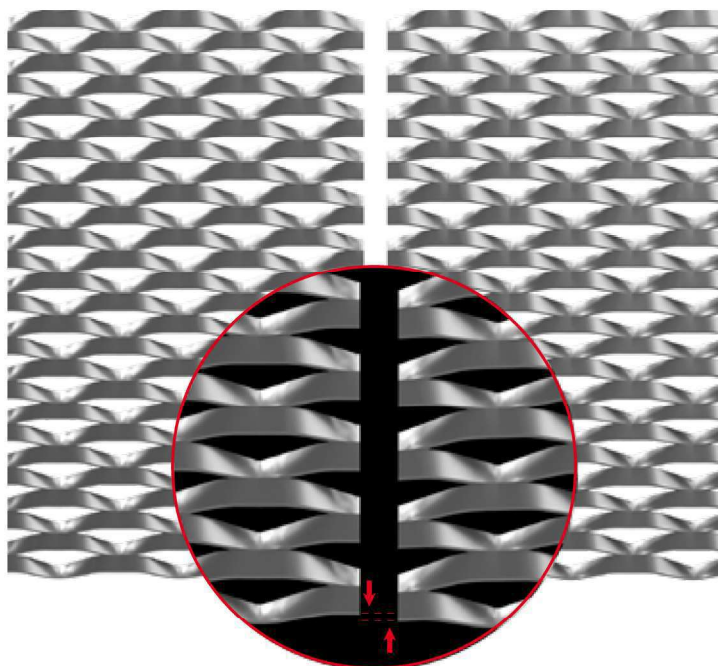
Tolerances

As far as the generic tolerances are concerned, expanded metal is manufactured according to DIN 791 standard. Some specific requirements may always be settled in agreement with the customer.

* All the data mentioned in the tables referring to any single item comply with the tolerances prescribed by DIN 791 standard; the weights and open area values are approximate.

Other possible effects resulting from the expanding process

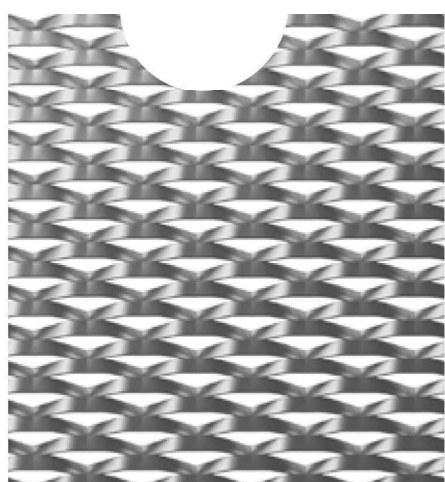
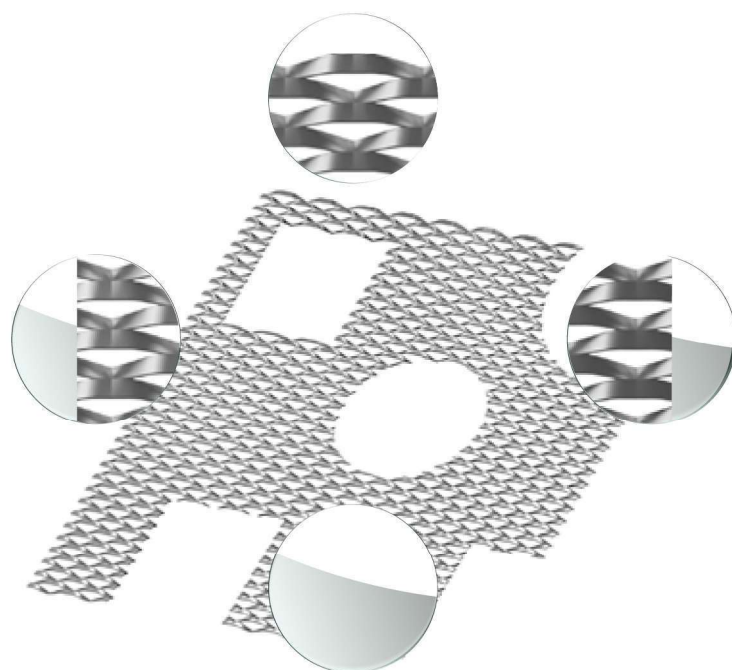
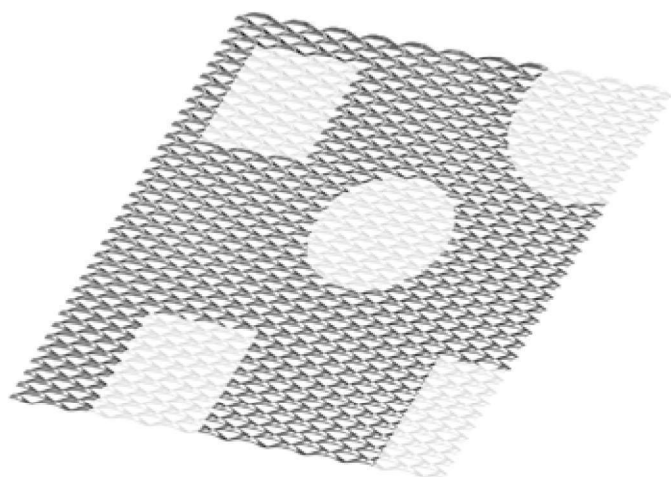
Tolerance on parallelism



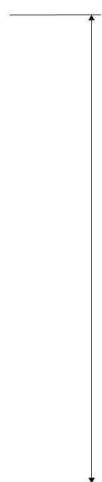
Straightness deviation

Special customized executions

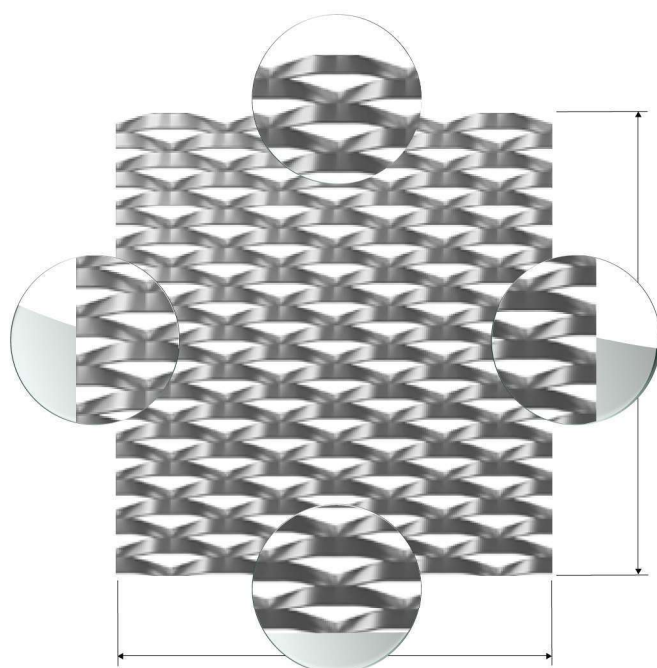
Shape waterjet- or laser-cutting



H = width



L =
length

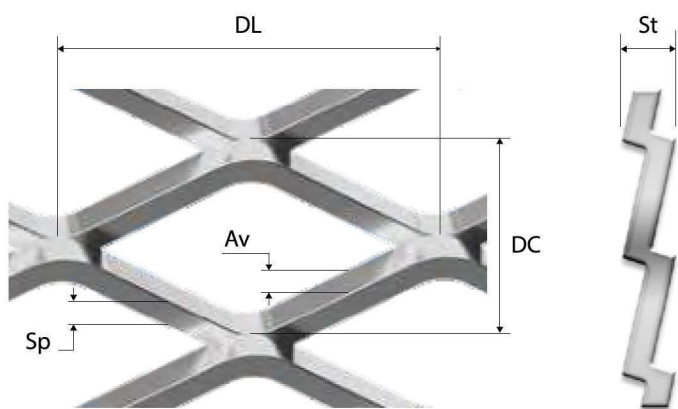


H = width

L =
length

TECHNICAL DATA

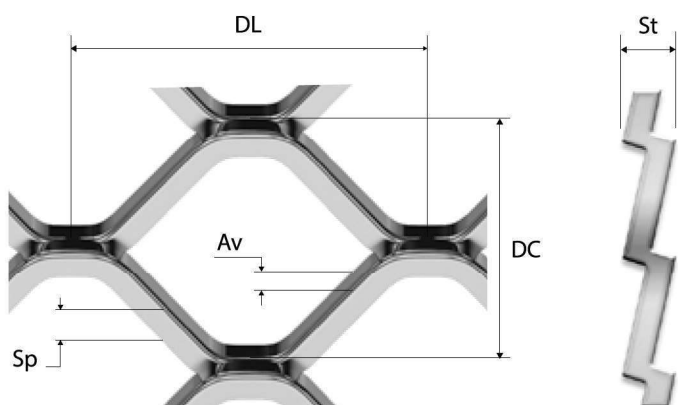
Rhomboidal mesh



Values in mm

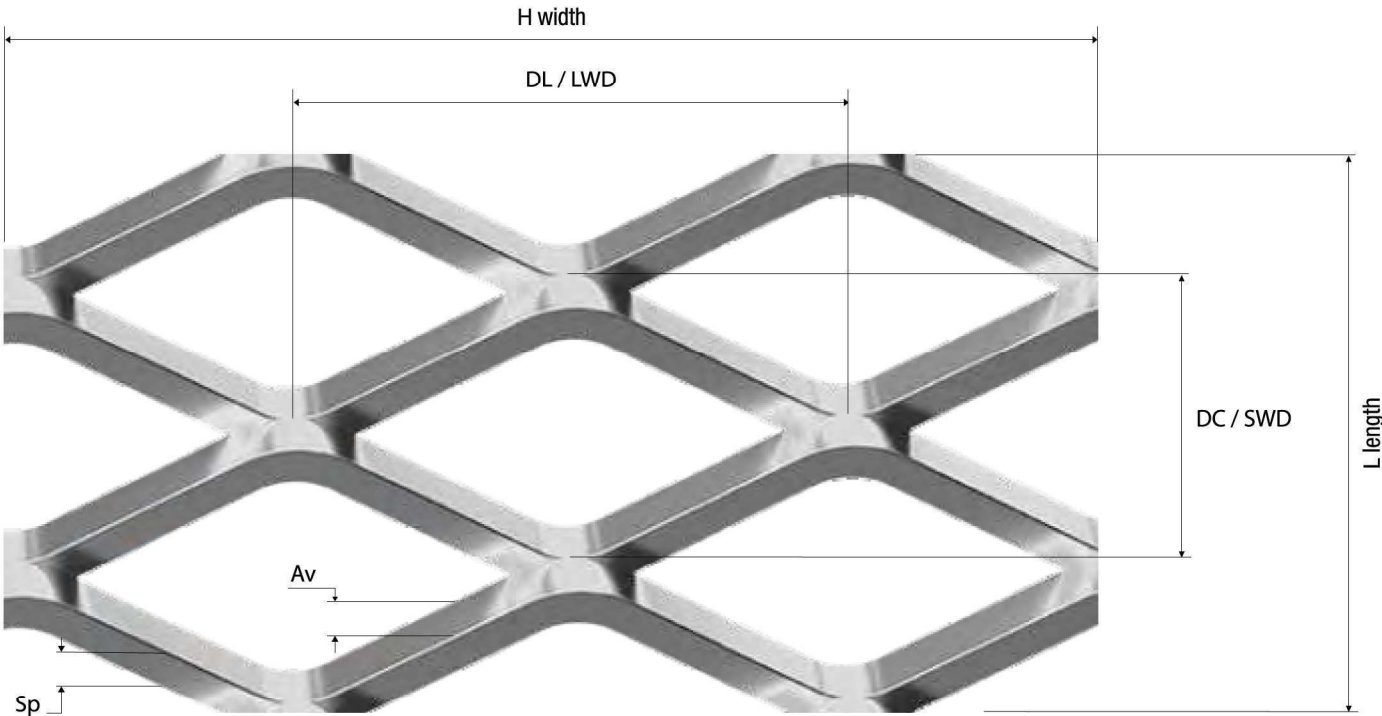
DL:	Long Way Diagonal (LWD)
DC:	Short Way Diagonal (SWD)
Av:	Strand width
Sp:	Thickness
St:	Total thickness
P:	Weight in kg/sqm

Square mesh



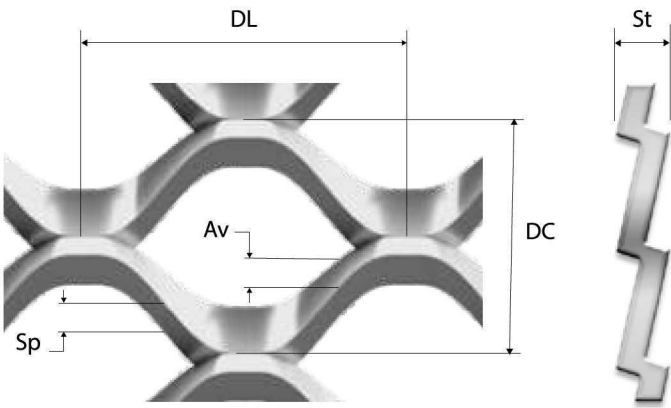
Values in mm

DL:	Long Way Diagonal (LWD)
DC:	Short Way Diagonal (SWD)
Av:	Strand width
Sp:	Thickness
St:	Total thickness
P:	Weight in kg/sqm



For the sheets and coils sizes H is meant as width, which is parallel to LWD.

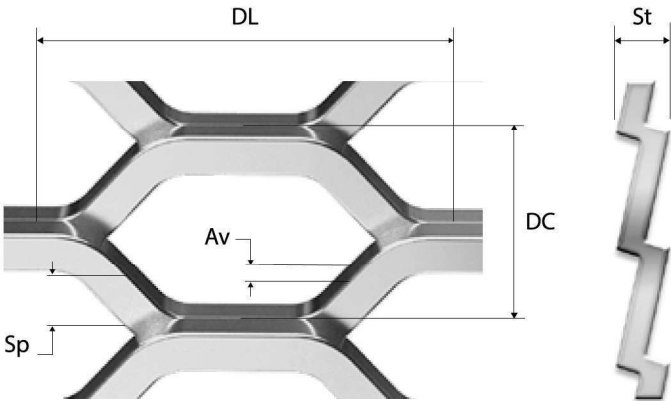
Round mesh



Values in mm

DL:	Long Way Diagonal (LWD)
DC:	Short Way Diagonal (SWD)
Av:	Strand width
Sp:	Thickness
St:	Total thickness
P:	Weight in kg/sqm

Hexagonal mesh



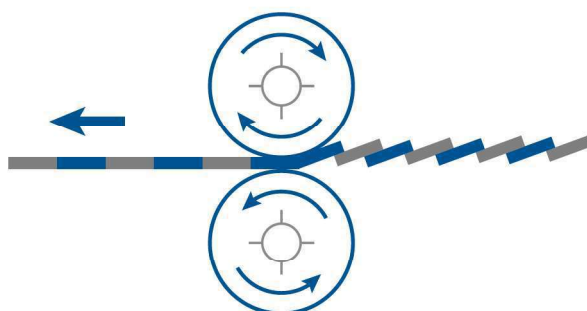
Values in mm

DL:	Long Way Diagonal (LWD)
DC:	Short Way Diagonal (SWD)
Av:	Strand width
Sp:	Thickness
St:	Total thickness
P:	Weight in kg/sqm

Expanded metal is available in coils and sheets having standard commercial sizes, or may be cut-to-size to meet the customer's specific requirements. A wide range of products is always available in our stock.

Thickness

Expanded metal can also be flattened in order to create a perfectly smooth and even surface thus restoring the original thickness of raw material.

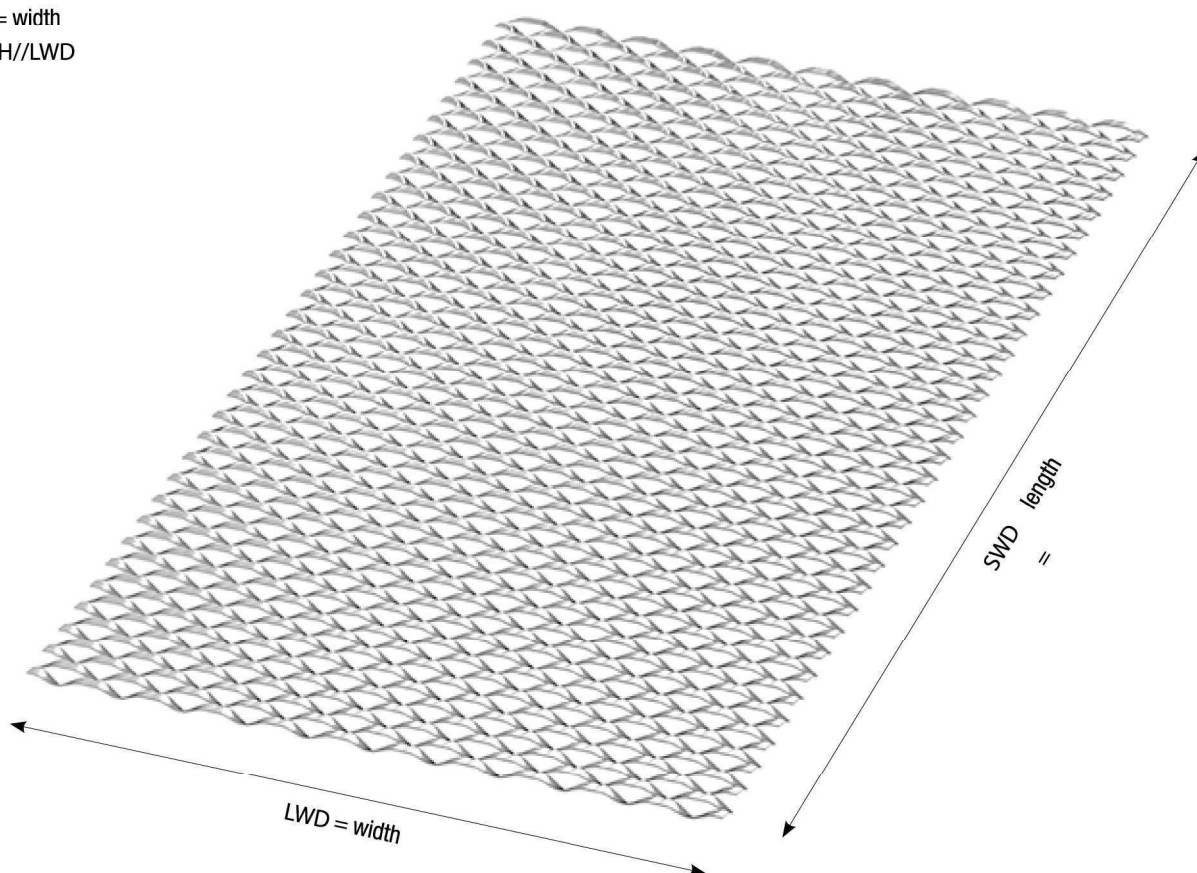


Sheet sizes

SWD = length

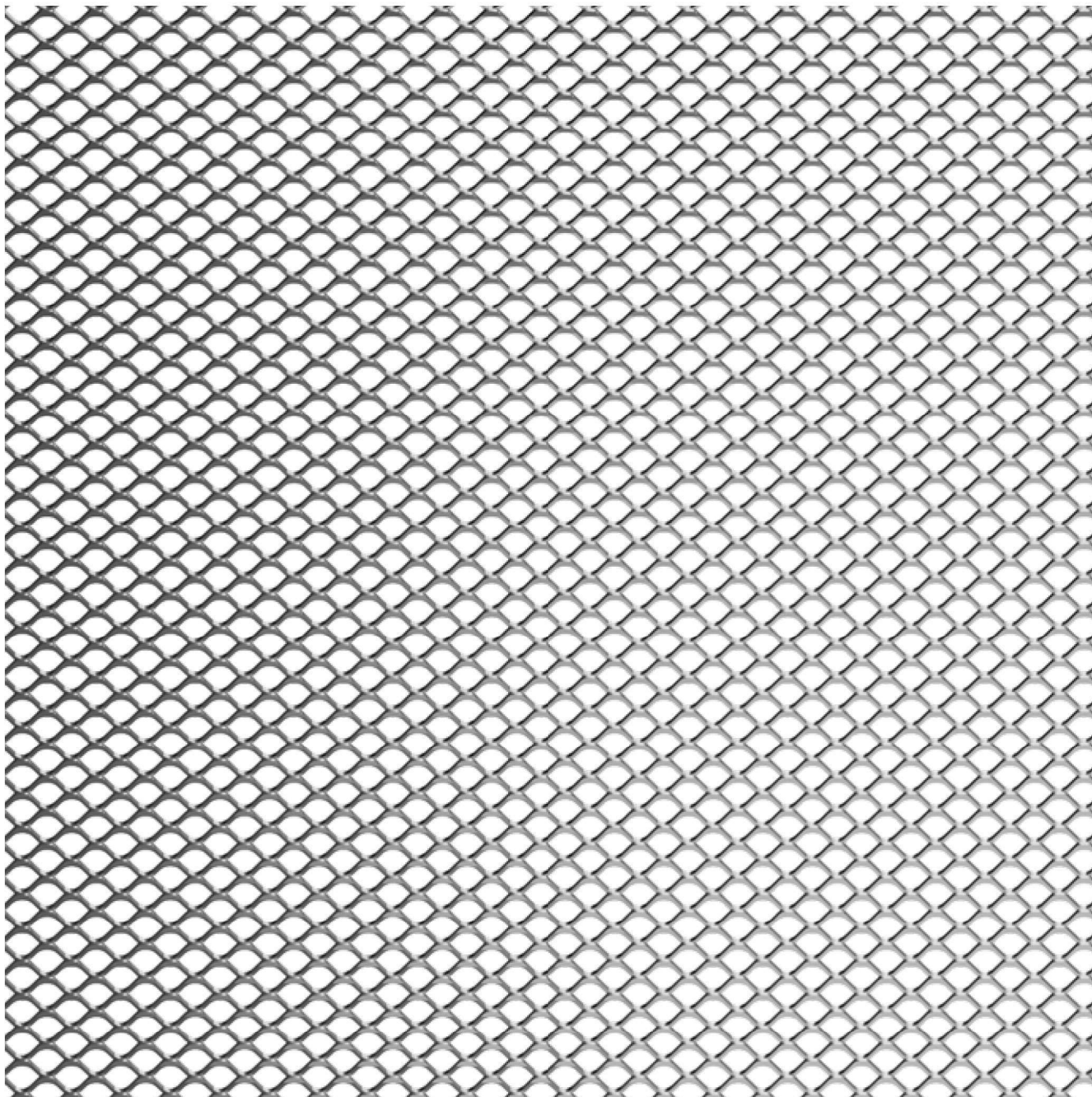
LWD = width

Width H//LWD



TIPOVI MREŽA/TYPES OF MESHES

SHIBUYA



[1:1]

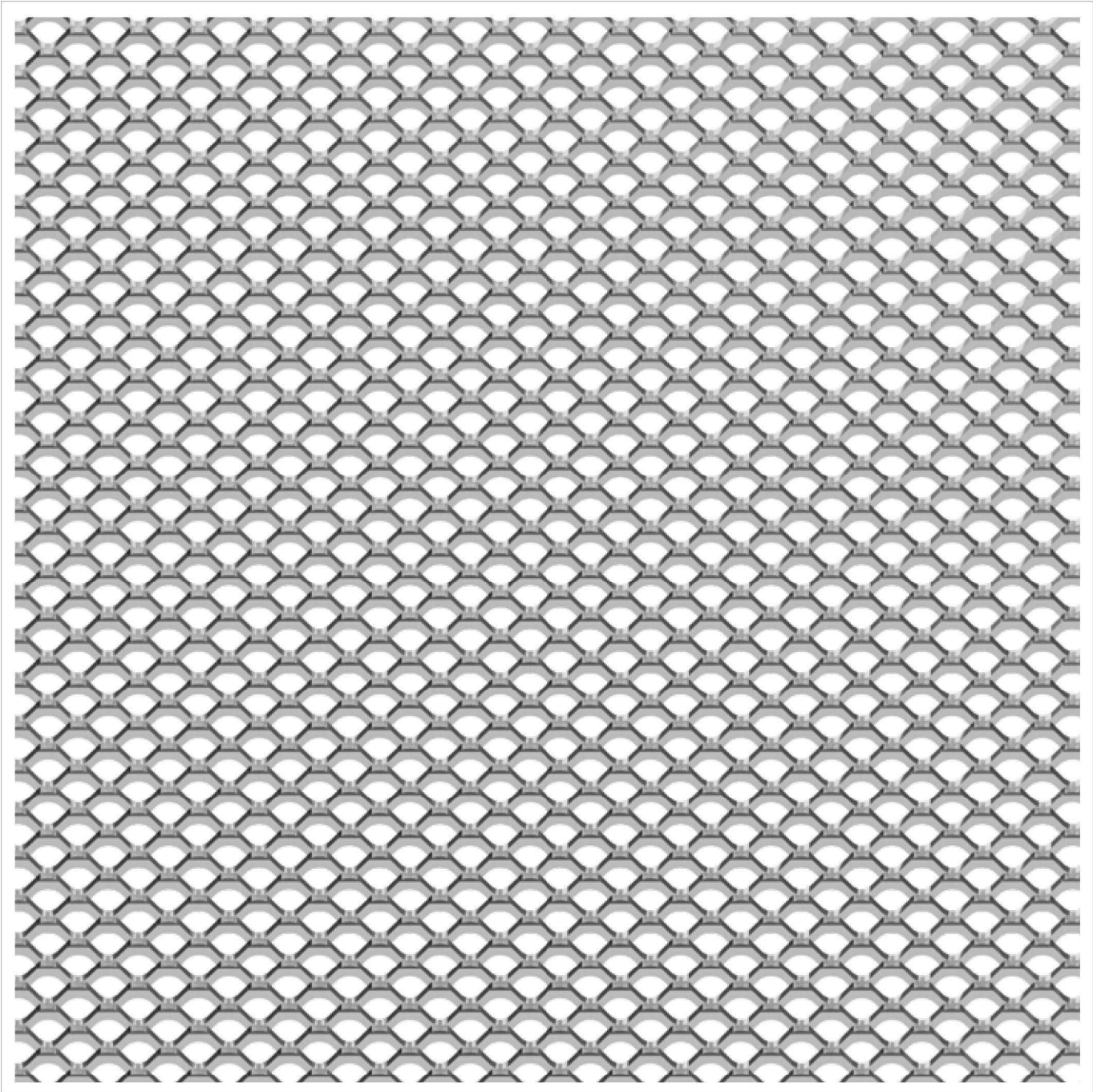
Technical data

Mesh shape	Mesh LWD [mm]	Thickness [mm]	Total thickness [mm]	Dimension Hmax/LWD [mm]	Weight [kg/mq]	Weight [kg/mq]	Front Open Area % (*)	Max Open Area % (*)
ROUND	8	0,8	~ 1,5	1500	0,9	2,7	50	57

ALUMINUM / MILD STEEL, GALVANIZED STEEL AND STAINLESS STEEL

* Other thicknesses available upon request

CHELSEA



[1:1]

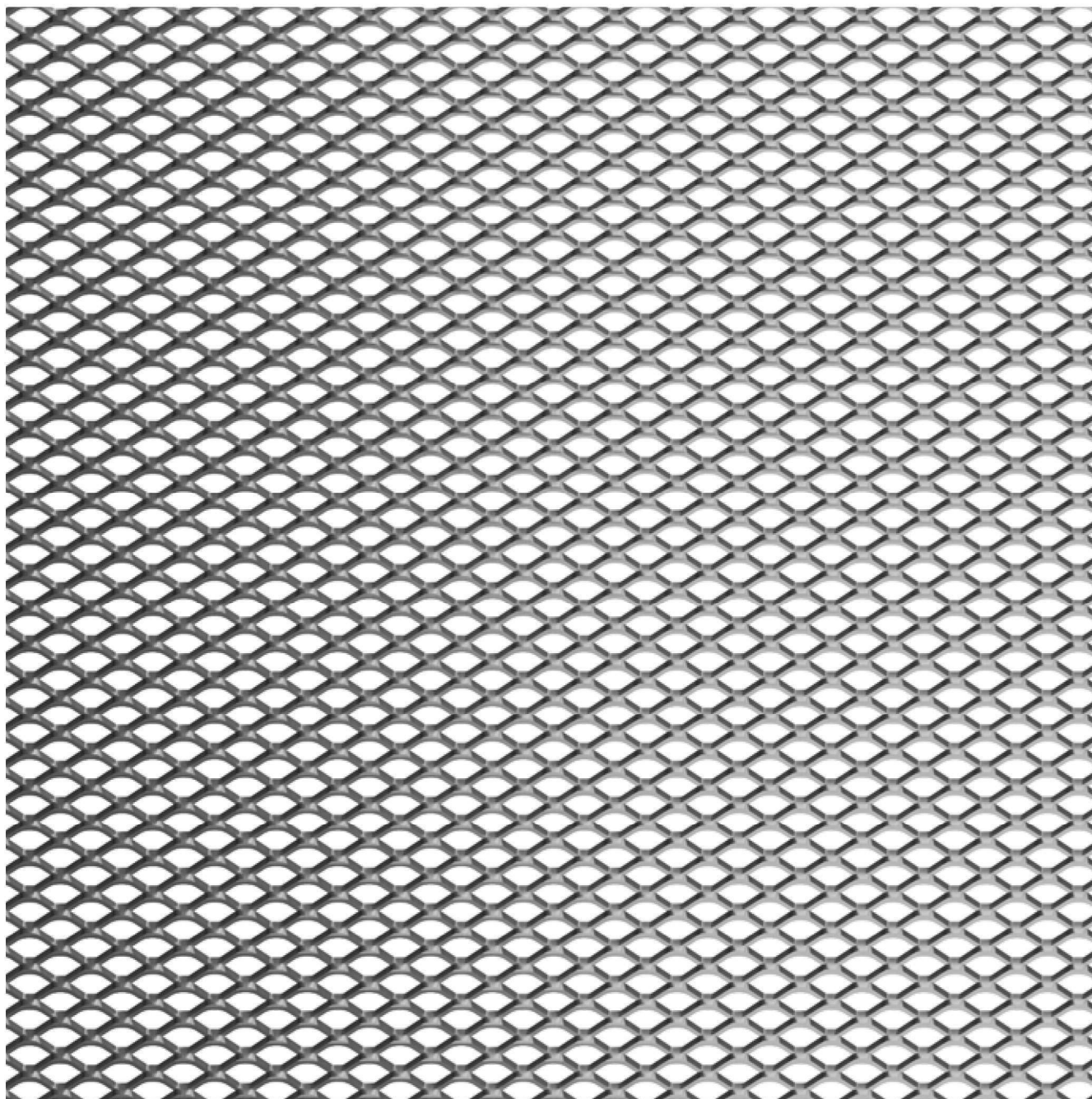
Technical data

Mesh shape	Mesh LWD [mm]	Thickness [mm]	Total thickness [mm]	Dimension Hmax/LWD [mm]	Weight $\boxtimes$ [kg/mq]	Weight $\boxtimes$ [kg/mq]	Front Open Area % (*)	Max Open Area % (*)
ROUND	10	1	~ 1,5	1500	1,1	3,2	42	47
	10	1,5	~ 2	1500	1,7	4,8	42	47
	10	2	~ 2,5	1500	2,3	6,6	42	47

$\boxtimes$ ALUMINUM / $\boxtimes$ MILD STEEL, GALVANIZED STEEL AND STAINLESS STEEL

* Other thicknesses available upon request

LIBRARY



[1:1]

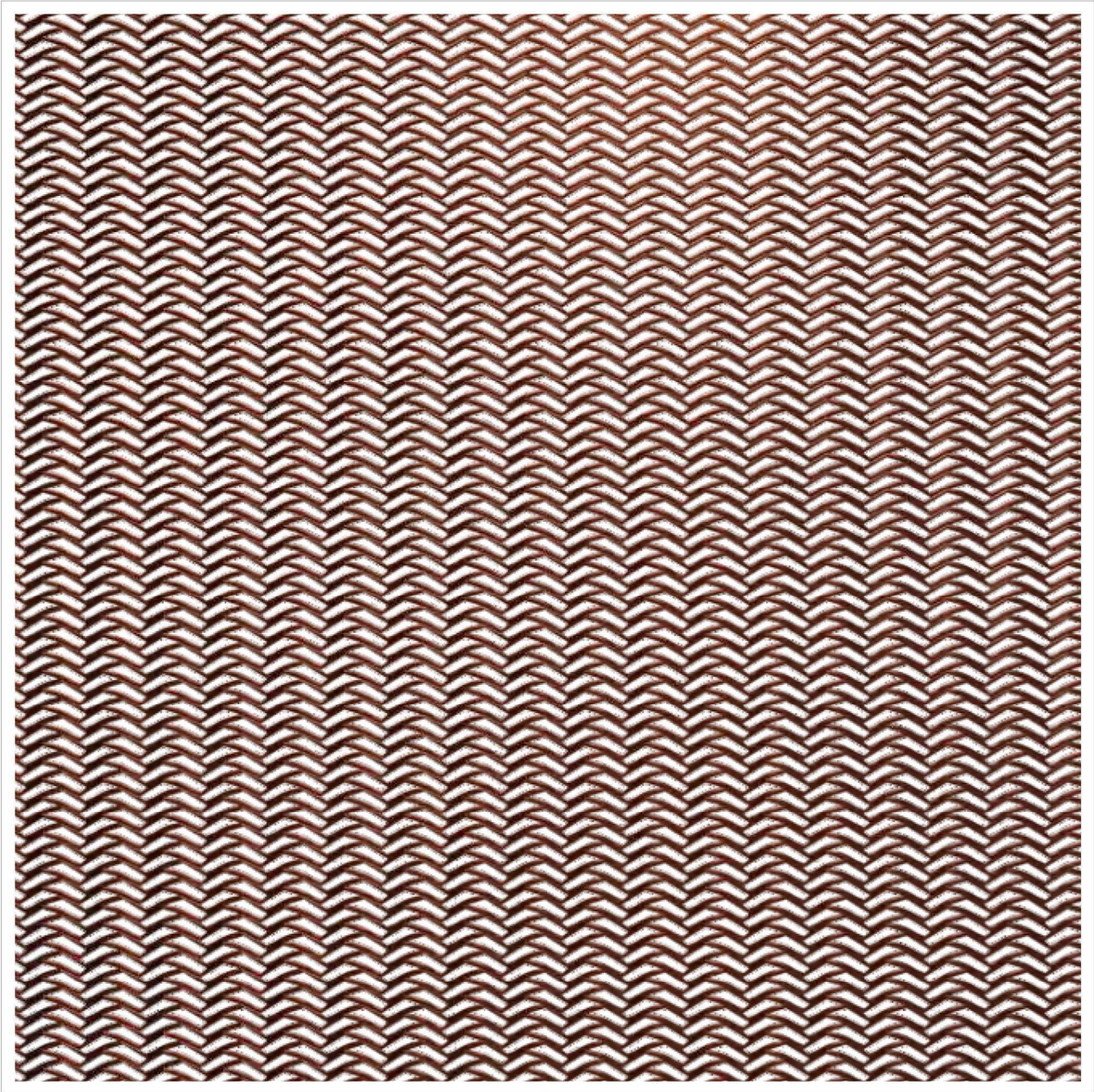
Technical data

Mesh shape	Mesh LWD [mm]	Thickness [mm]	Total thickness [mm]	Dimension Hmax/LWD [mm]	Weight $\boxtimes$ [kg/mq]	Weight $\boxtimes$ [kg/mq]	Front Open Area % (*)	Max Open Area % (*)
RHOMBOIDAL	10	0,8	~ 2	1500	1,0	2,9	48	52

 $\boxtimes$ ALUMINUM / $\boxtimes$ MILD STEEL, GALVANIZED STEEL AND STAINLESS STEEL

* Other thicknesses available upon request

TRIBECA



[1:1]

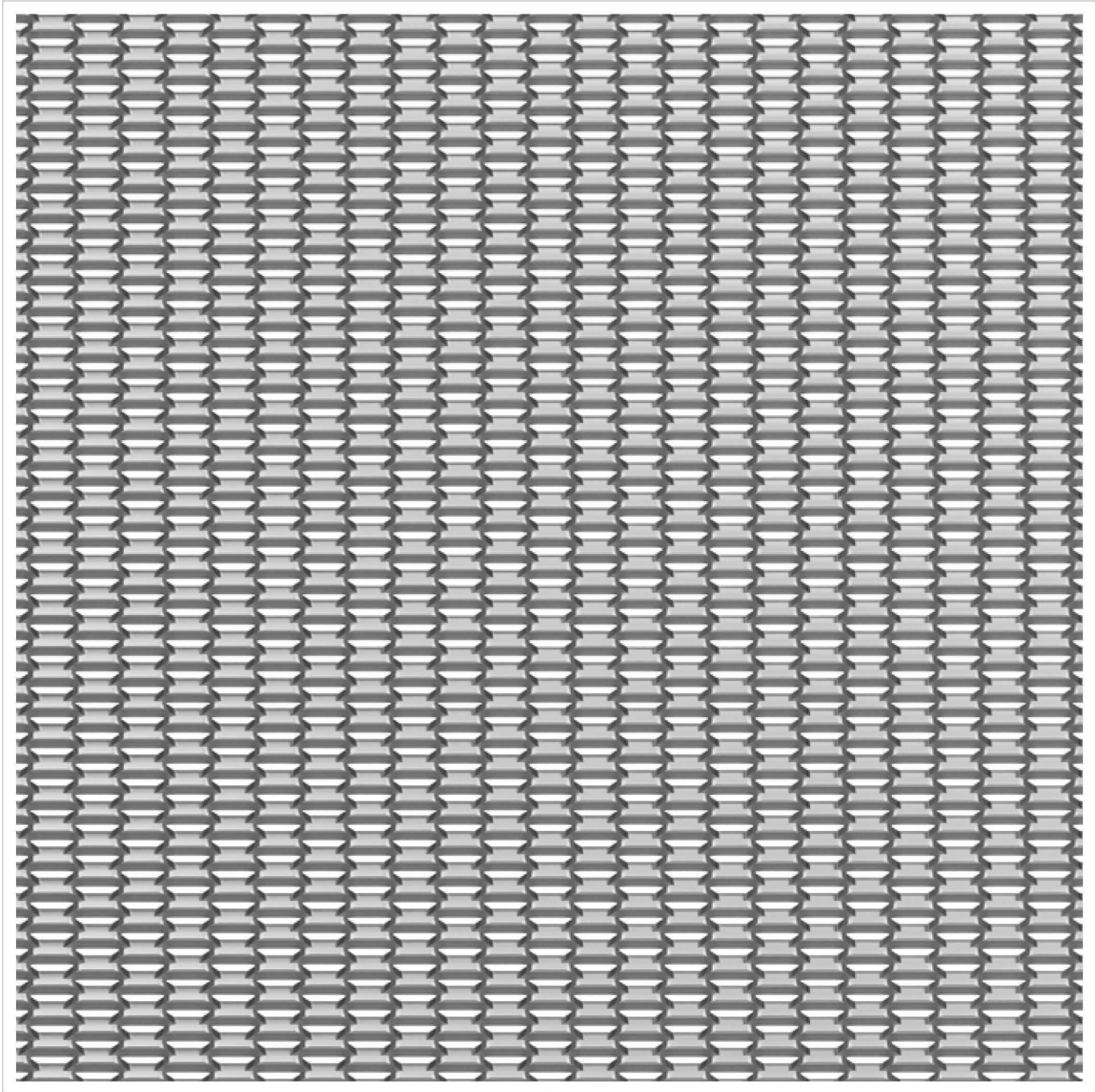
Technical data

Mesh shape	Mesh LWD [mm]	Thickness [mm]	Total thickness [mm]	Dimension Hmax/LWD [mm]	Weight $\boxtimes$ [kg/mq]	Weight $\boxtimes$ [kg/mq]	Front Open Area % (*)	Max Open Area % (*)
ASYMMETRIC	10	0,5	~ 1,1	1500	1,7	1,5	49	58

$\boxtimes$ COPPER / $\boxtimes$ MILD STEEL, GALVANIZED STEEL AND STAINLESS STEEL

* Other thicknesses available upon request

MONTMARTRE



[1:1]

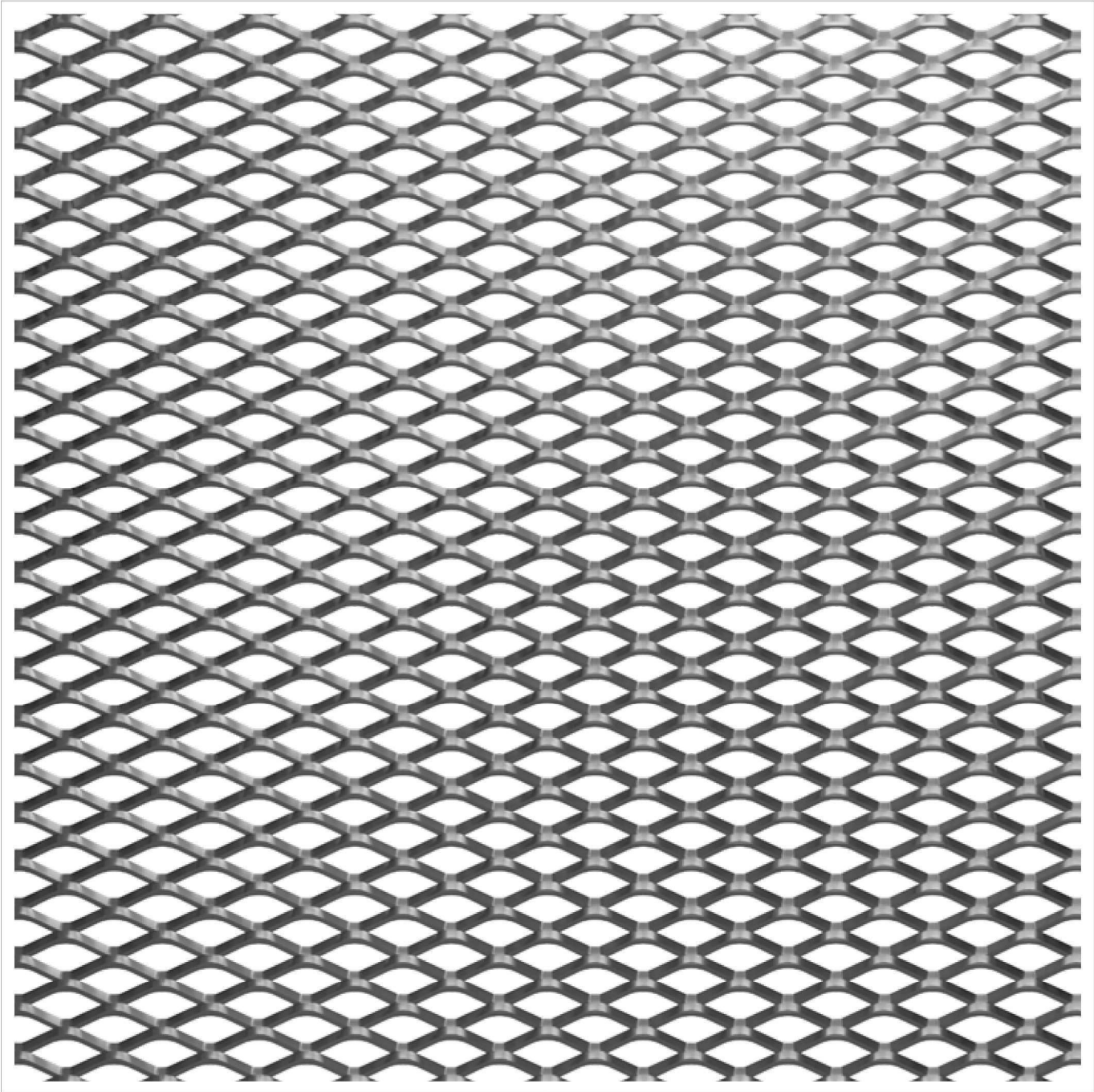
Technical data

Mesh shape	Mesh LWD [mm]	Thickness [mm]	Total thickness [mm]	Dimension Hmax/LWD [mm]	Weight $\boxtimes$ [kg/mq]	Weight $\boxtimes$ [kg/mq]	Front Open Area % (*)	Max Open Area % (*)
HEXAGONAL	15	1,5	~ 3	1500	3,0	8,8	15,4	26,3

$\boxtimes$ ALUMINUM / $\boxtimes$ MILD STEEL, GALVANIZED STEEL AND STAINLESS STEEL

* Other thicknesses available upon request

GINZA



[1:1]

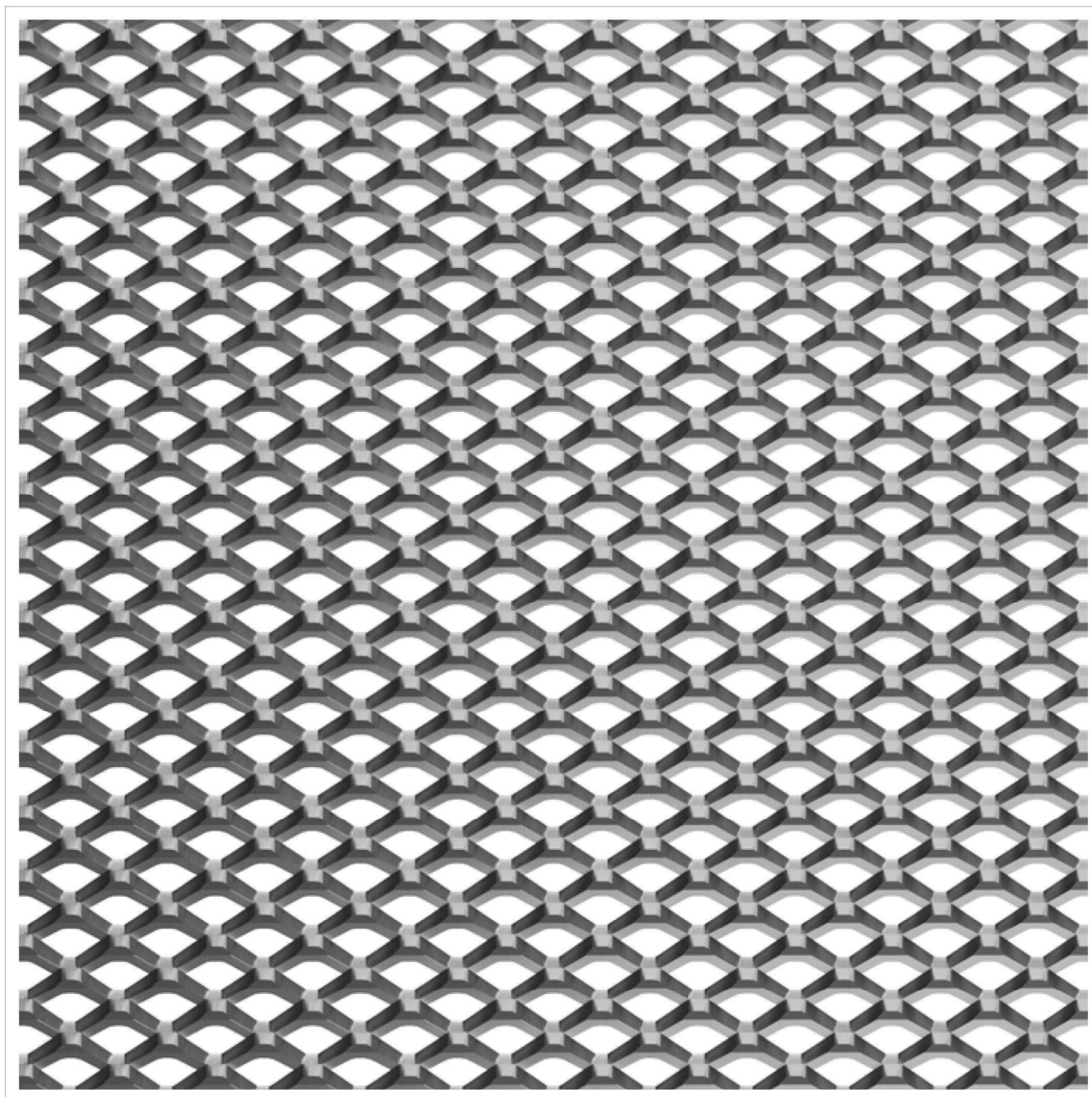
Technical data

Mesh shape	Mesh LWD [mm]	Thickness [mm]	Total thickness [mm]	Dimension Hmax/LWD [mm]	Weight $\boxtimes$ [kg/mq]	Weight $\boxtimes$ [kg/mq]	Front Open Area % (*)	Max Open Area % (*)
RHOMBOIDAL	16	1	~ 2,5	1250	1,4	3,9	53	64
	16	1,5	~ 2,5	1250	2,0	5,9	53	64

$\boxtimes$ ALUMINUM / $\boxtimes$ MILD STEEL, GALVANIZED STEEL AND STAINLESS STEEL

* Other thicknesses available upon request

NOTRE DAME



[1:1]

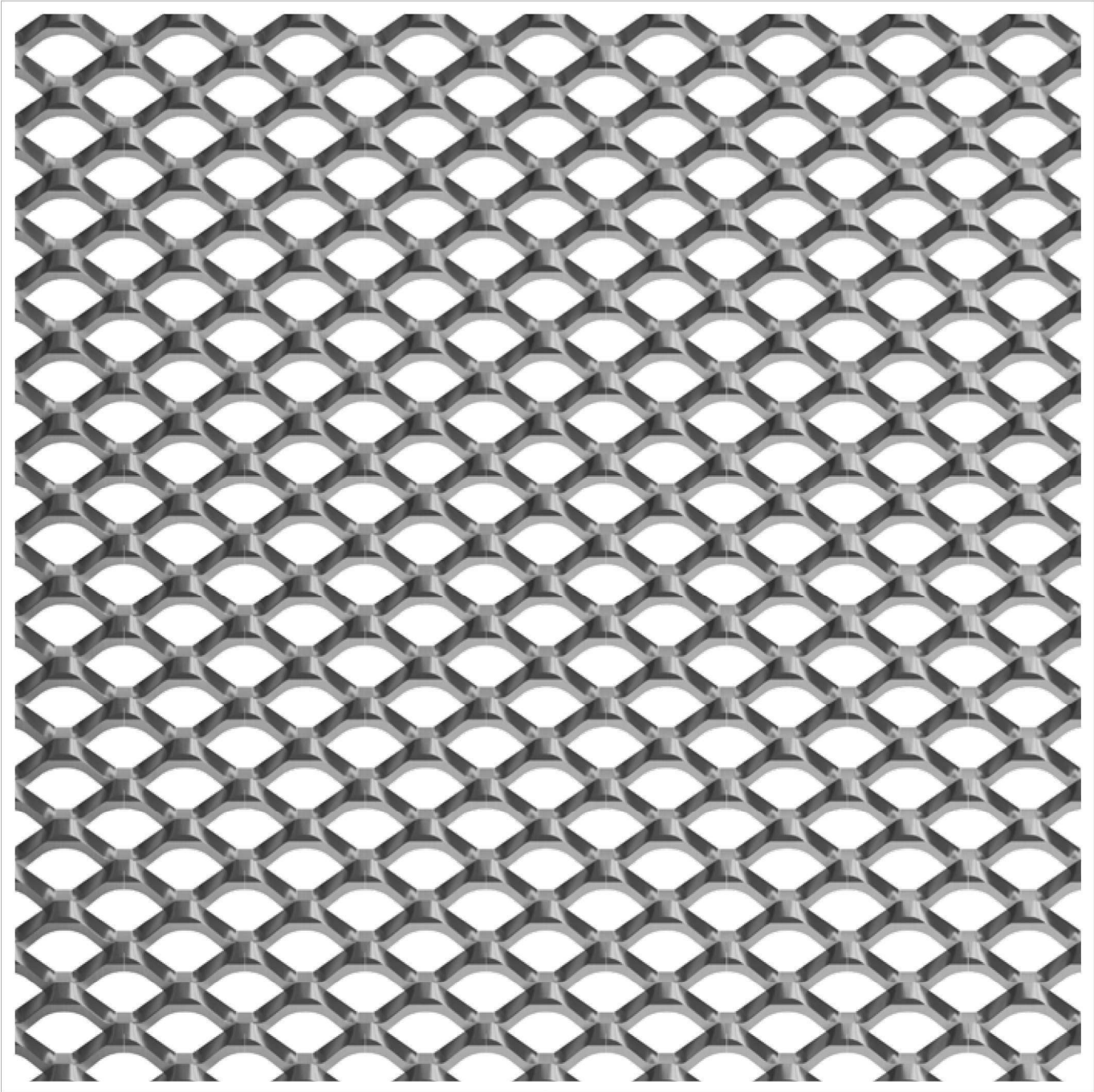
Technical data

Mesh shape	Mesh LWD [mm]	Thickness [mm]	Total thickness [mm]	Dimension Hmax/LWD [mm]	Weight $\boxtimes$ [kg/mq]	Weight $\boxtimes$ [kg/mq]	Front Open Area % (*)	Max Open Area % (*)
SQUARE	16	1	~ 3,5	1250	1,5	4,3	37	55
	16	1,5	~ 3,5	1250	2,2	6,5	37	55
	16	2	~ 3,5	1250	2,9	8,4	37	55

$\boxtimes$ ALUMINUM / $\boxtimes$ MILD STEEL, GALVANIZED STEEL AND STAINLESS STEEL

* Other thicknesses available upon request

SOHO



[1:1]

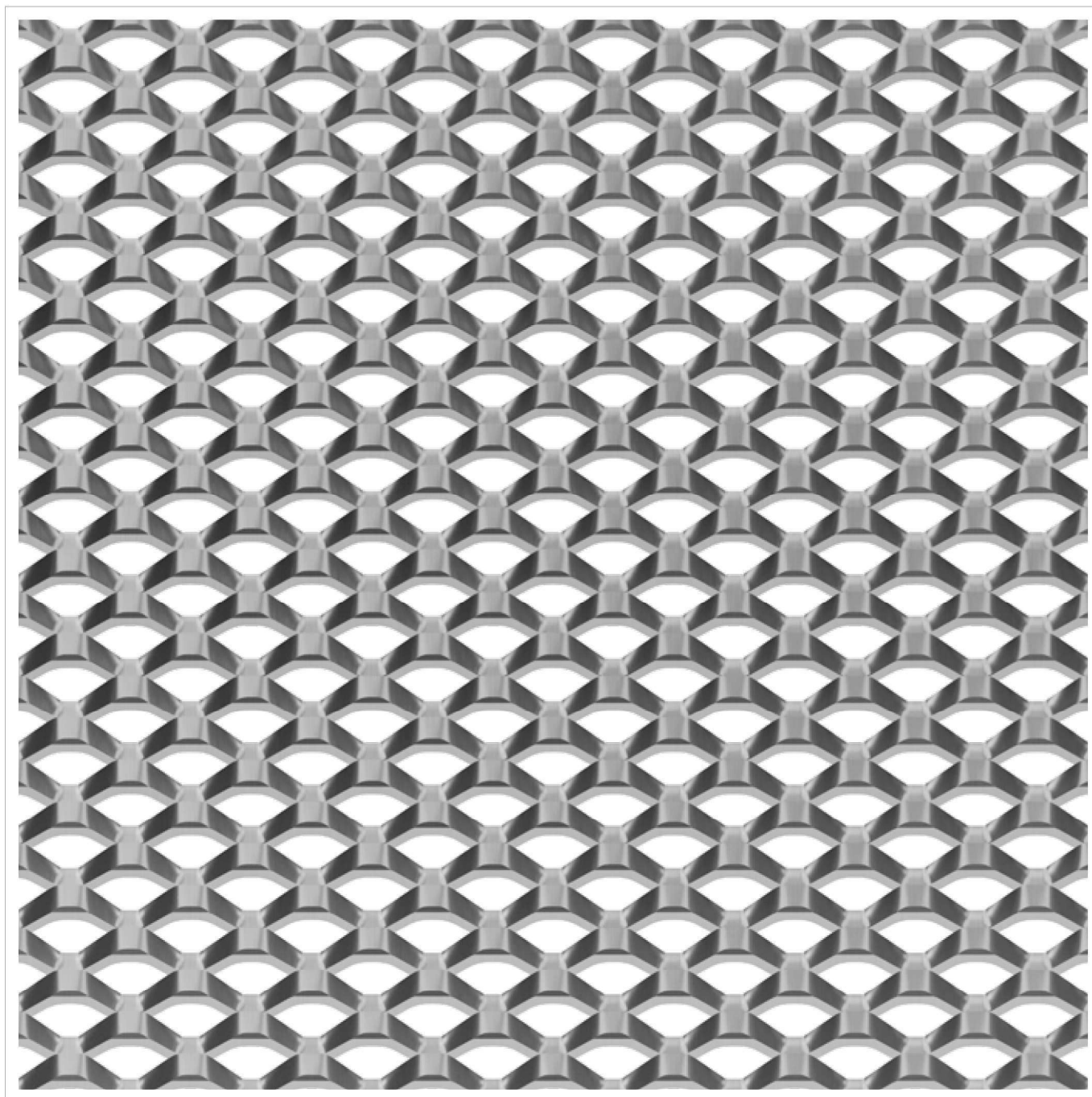
Technical data

Mesh shape	Mesh LWD [mm]	Thickness [mm]	Total thickness [mm]	Dimension Hmax/LWD [mm]	Weight $\boxtimes$ [kg/mq]	Weight $\boxtimes$ [kg/mq]	Front Open Area % (*)	Max Open Area % (*)
SQUARE	20	1,5	~ 5	1500	1,7	5,1	50	63
	20	2	~ 5	1500	2,3	6,8	50	63

$\boxtimes$ ALUMINUM / $\boxtimes$ MILD STEEL, GALVANIZED STEEL AND STAINLESS STEEL

* Other thicknesses available upon request

SOHO XL



[1:1]

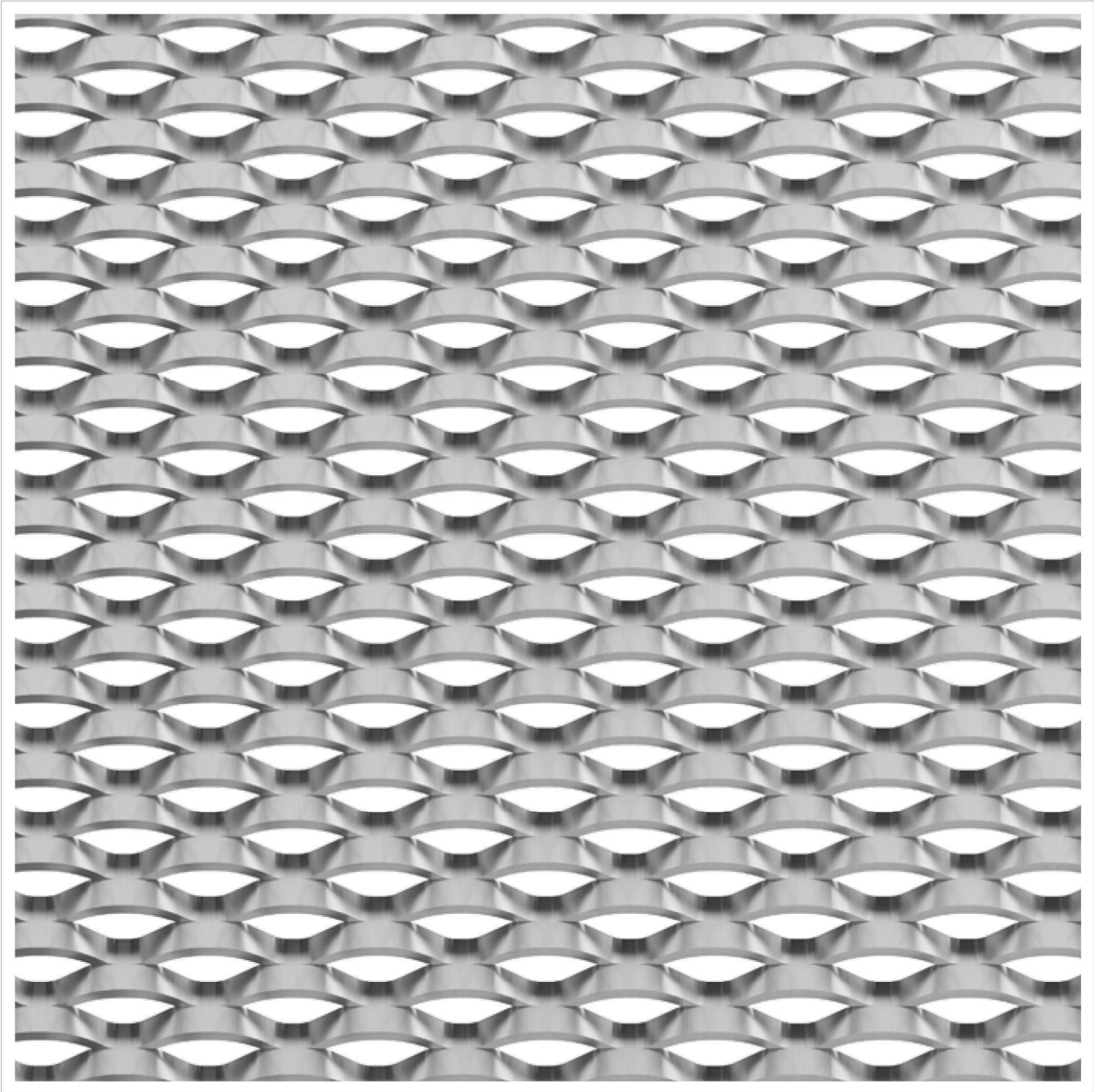
Technical data

Mesh shape	Mesh LWD [mm]	Thickness [mm]	Total thickness [mm]	Dimension Hmax/LWD [mm]	Weight $\boxtimes$ [kg/mq]	Weight $\boxtimes$ [kg/mq]	Front Open Area % (*)	Max Open Area % (*)
SQUARE	20	1,5	~ 6	1500	2,3	6,7	34	37
	20	2	~ 6	1500	3,1	8,9	34	37

$\boxtimes$ ALUMINUM / $\boxtimes$ MILD STEEL, GALVANIZED STEEL AND STAINLESS STEEL

* Other thicknesses available upon request

QUEENS



[1:1]

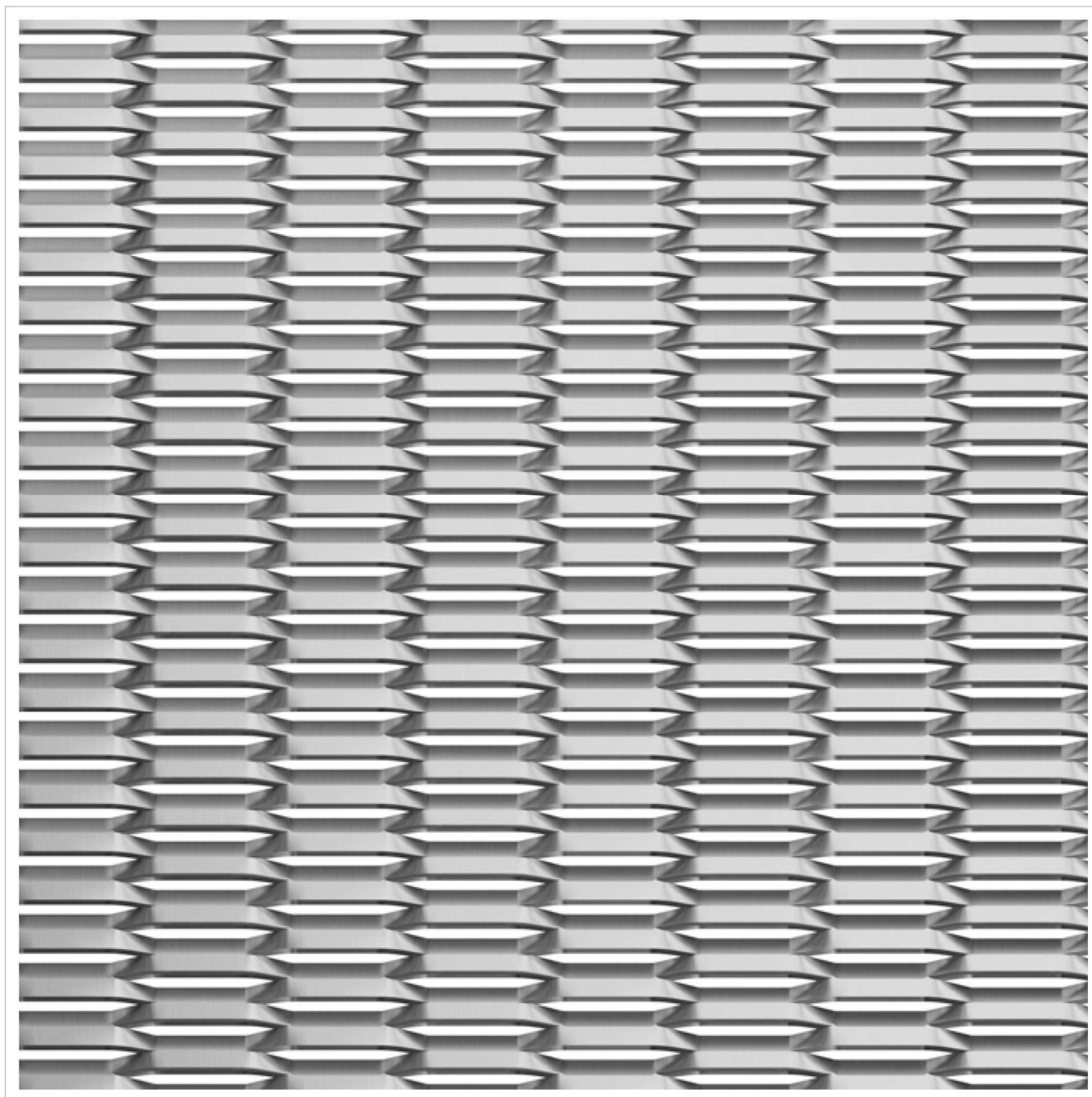
Technical data

Mesh shape	Mesh LWD [mm]	Thickness [mm]	Total thickness [mm]	Dimension Hmax/LWD [mm]	Weight $\boxtimes$ [kg/mq]	Weight $\boxtimes$ [kg/mq]	Front Open Area % (*)	Max Open Area % (*)
RHOMBOIDAL	28	1,5	~ 7	1500	2,9	8,4	32	55
	28	2	~ 7	1500	3,9	11,2	32	55
	28	3	~ 7	1500	5,8	16,8	32	55

$\boxtimes$ ALUMINUM / $\boxtimes$ MILD STEEL, GALVANIZED STEEL AND STAINLESS STEEL

* Other thicknesses available upon request

RIBERA



[1:1]

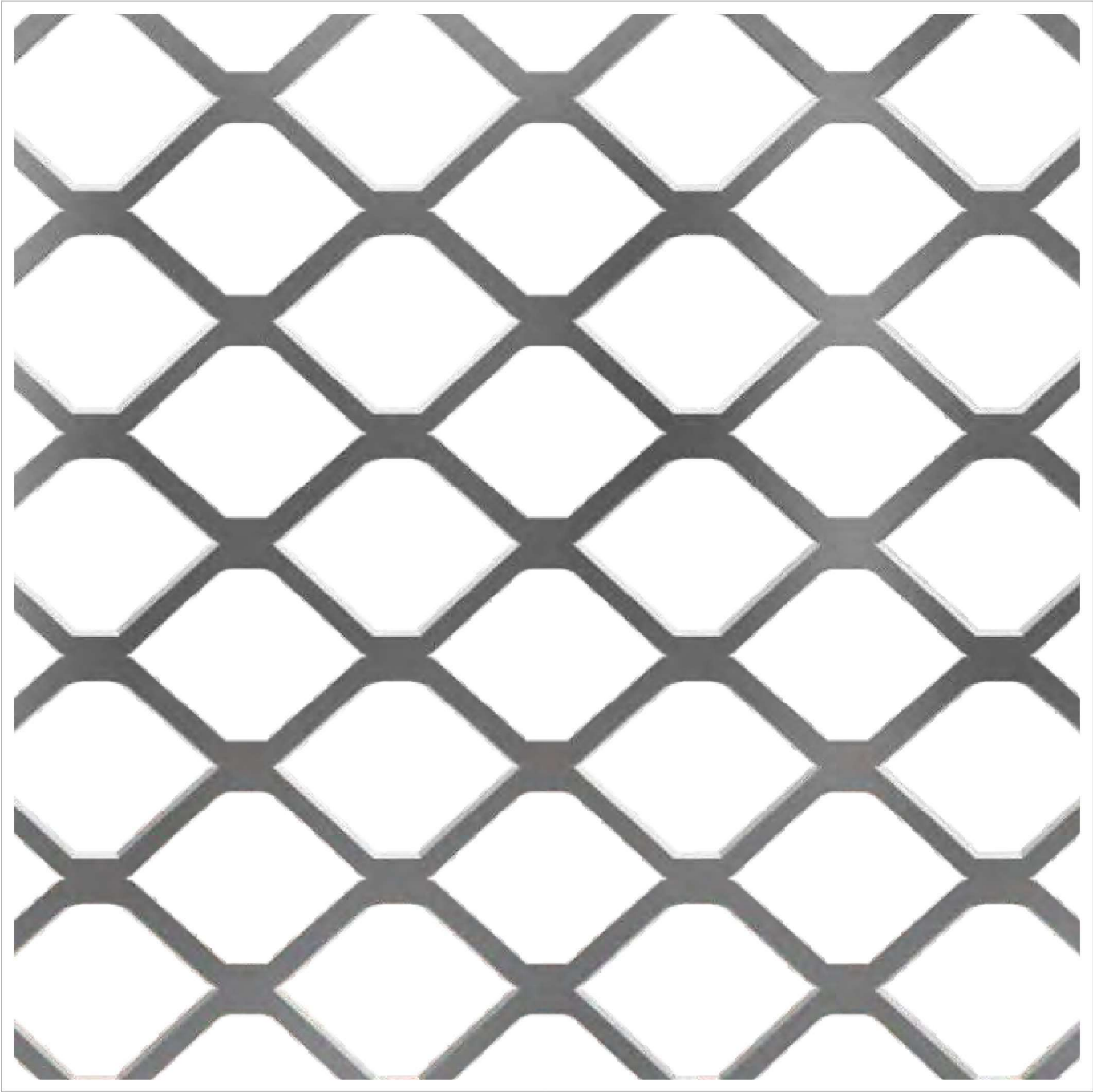
Technical data

Mesh shape	Mesh LWD [mm]	Thickness [mm]	Total thickness [mm]	Dimension Hmax/LWD [mm]	Weight $\boxtimes$ [kg/mq]	Weight $\boxtimes$ [kg/mq]	Front Open Area % (*)	Max Open Area % (*)
HEXAGONAL	45	1	~ 5	2000	2,4	6,9	13	49
	45	1,5	~ 5	2000	3,4	10	13	49
	45	2	~ 5	2000	4,6	13,4	13	49

$\boxtimes$ ALUMINUM / $\boxtimes$ MILD STEEL, GALVANIZED STEEL AND STAINLESS STEEL

* Other thicknesses available upon request

SQUARE 50



[1:1]

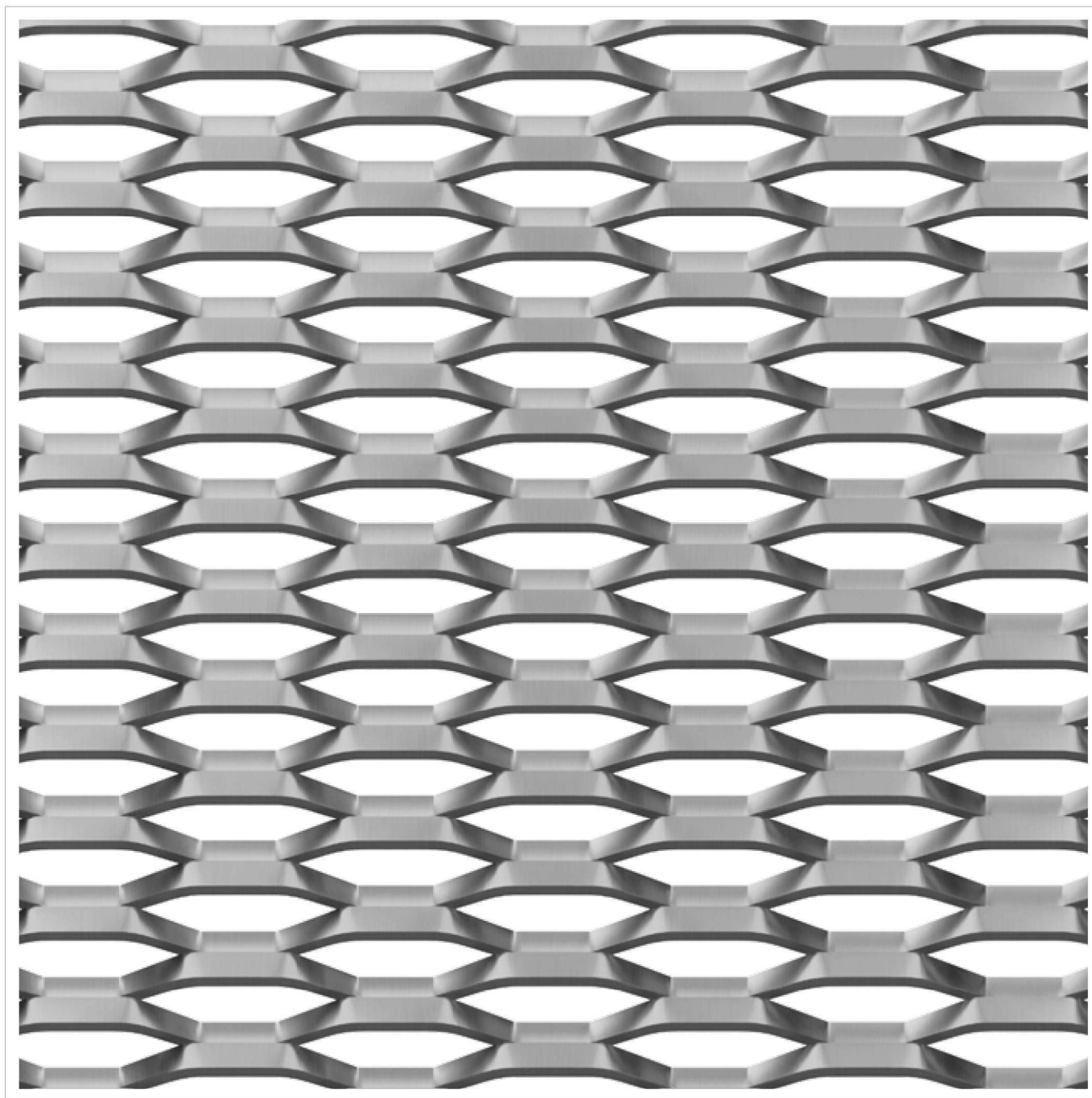
Technical data

Mesh shape	Mesh LWD [mm]	Thickness [mm]	Total thickness [mm]	Dimension Hmax/LWD [mm]	Weight $\boxtimes$ [kg/mq]	Weight $\boxtimes$ [kg/mq]	Front Open Area % (*)	Max Open Area % (*)
SQUARE	50	3	~ 3	1500	2,0	5,7	69	70

$\boxtimes$ ALUMINUM / $\boxtimes$ MILD STEEL, GALVANIZED STEEL AND STAINLESS STEEL

* Other thicknesses available upon request

SANTA MONICA



[1:1]

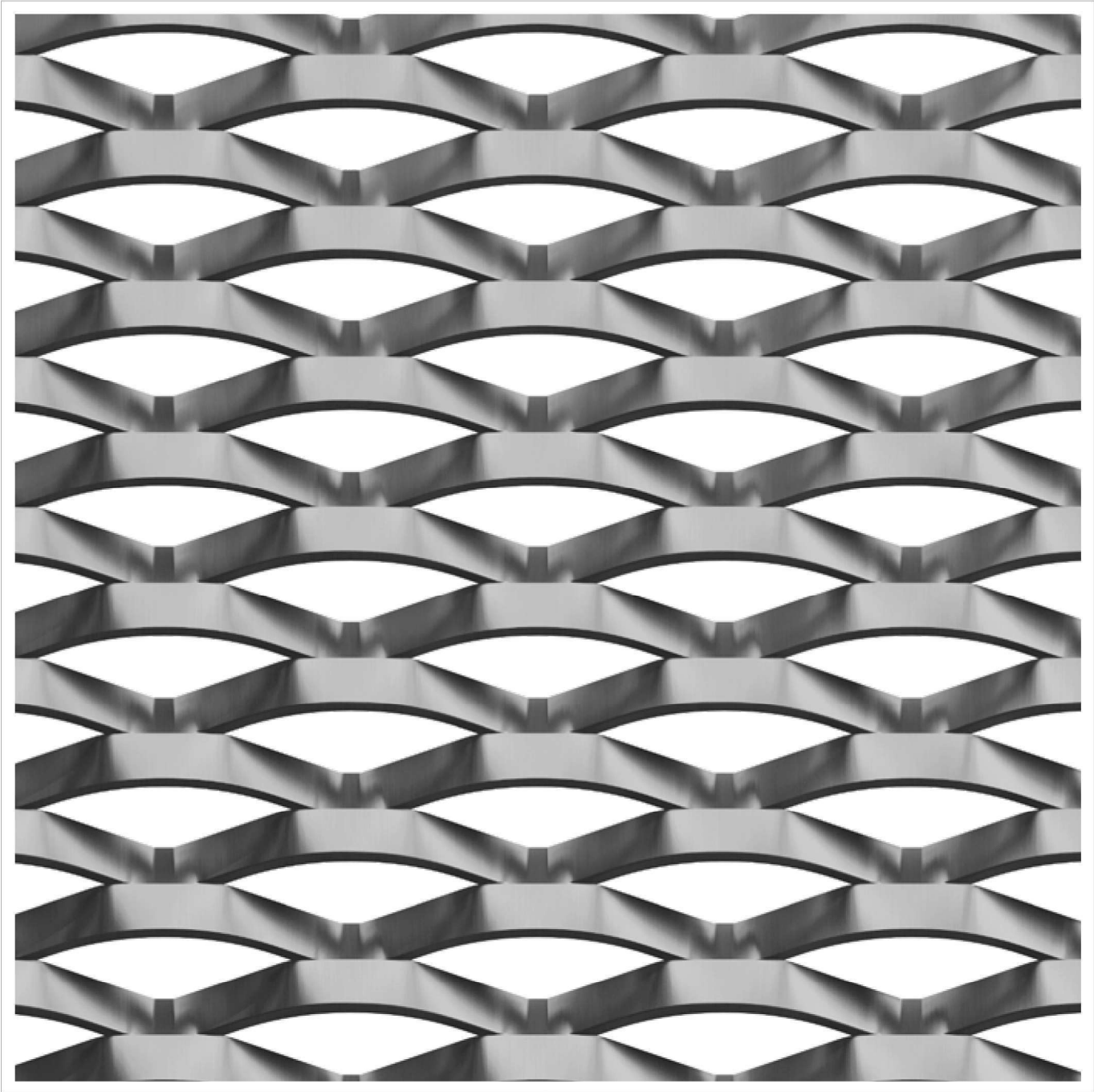
Technical data

Mesh shape	Mesh LWD [mm]	Thickness [mm]	Total thickness [mm]	Dimension Hmax/LWD [mm]	Weight $\boxtimes$ [kg/mq]	Weight $\boxtimes$ [kg/mq]	Front Open Area % (*)	Max Open Area % (*)
HEXAGONAL	52	1	~ 7,5	1500	1,8	5,2	39	69
	52	1,5	~ 7,5	1500	2,7	7,9	39	69
	52	2	~ 7,5	1500	3,6	10,5	39	69

$\boxtimes$ ALUMINUM / $\boxtimes$ MILD STEEL, GALVANIZED STEEL AND STAINLESS STEEL

* Other thicknesses available upon request

COPACABANA



[1:1]

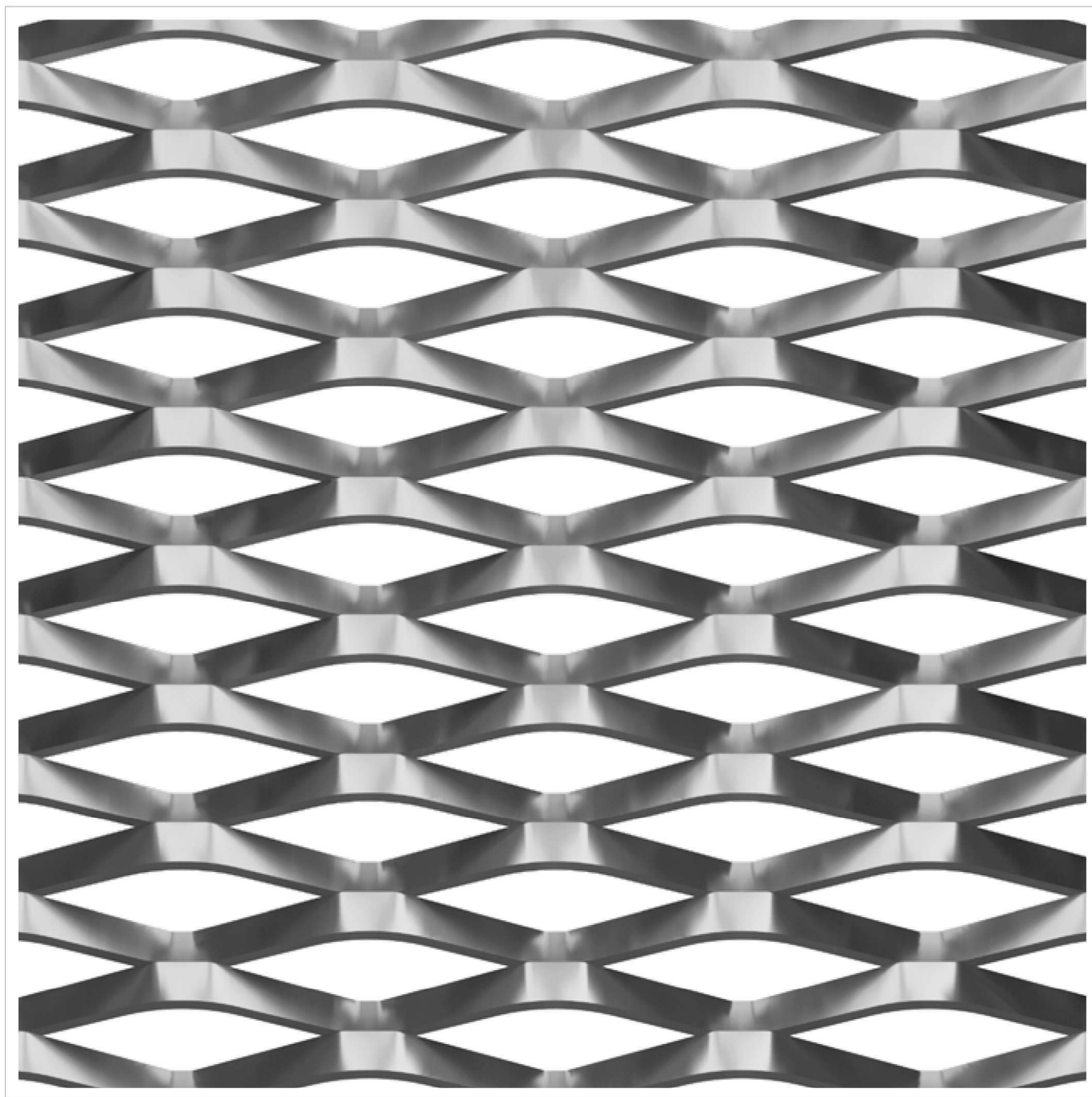
Technical data

Mesh shape	Mesh LWD [mm]	Thickness [mm]	Total thickness [mm]	Dimension Hmax/LWD [mm]	Weight $\boxtimes$ [kg/mq]	Weight $\boxtimes$ [kg/mq]	Front Open Area % (*)	Max Open Area % (*)
RHOMBOIDAL	62	1	~ 12	2000	1,8	5,3	33	64
	62	1,5	~ 12	2000	2,8	8,0	33	64
	62	2	~ 12	2000	3,7	10,7	33	64

$\boxtimes$ ALUMINUM / $\boxtimes$ MILD STEEL, GALVANIZED STEEL AND STAINLESS STEEL

* Other thicknesses available upon request

LOUVRE



[1:1]

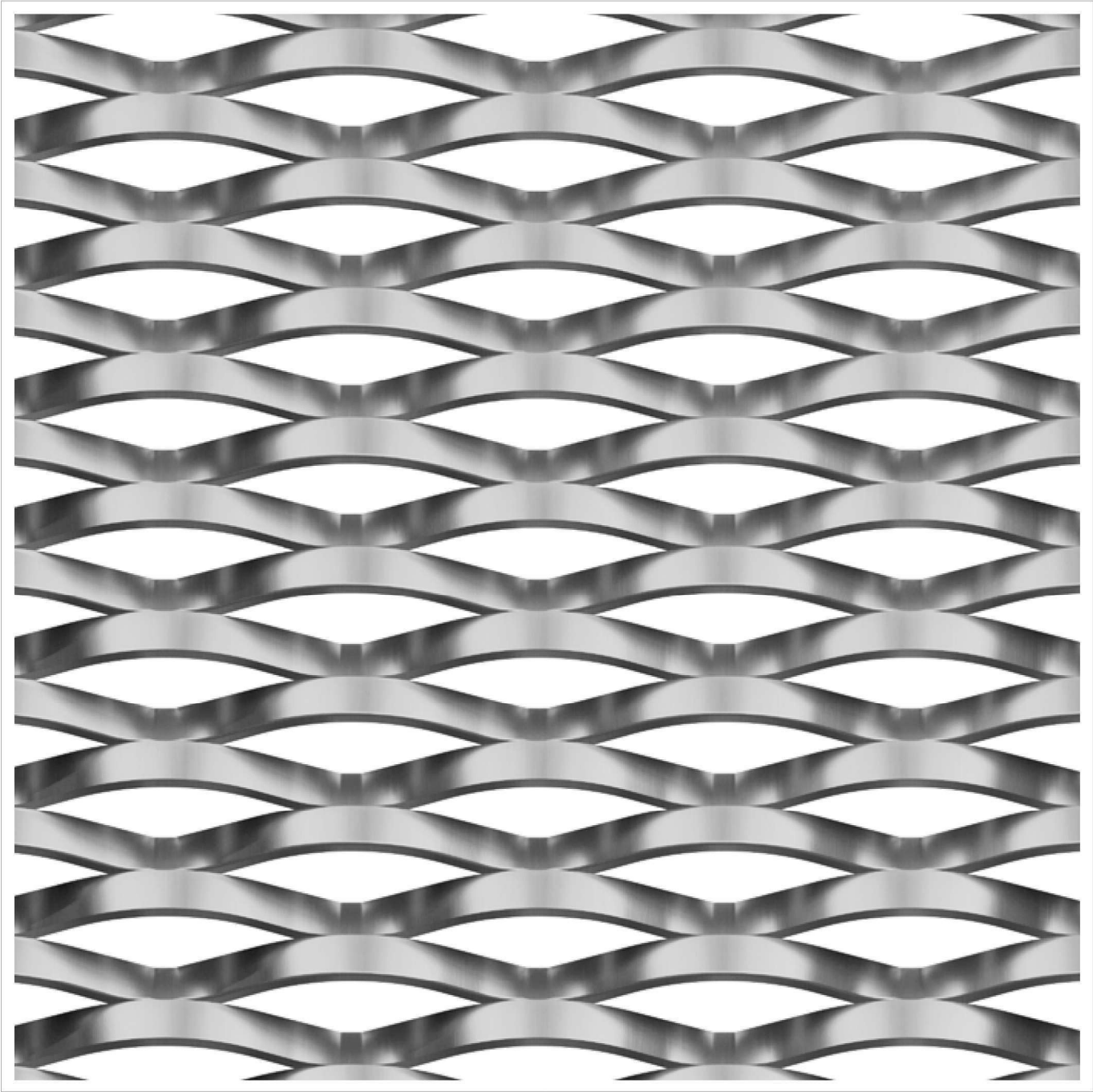
Technical data

Mesh shape	Mesh LWD [mm]	Thickness [mm]	Total thickness [mm]	Dimension Hmax/LWD [mm]	Weight $\boxtimes$ [kg/mq]	Weight $\boxtimes$ [kg/mq]	Front Open Area % (*)	Max Open Area % (*)
RHOMBOIDAL	62	1	~ 11	2000	1,9	5,4	39	72
	62	1,5	~ 11	2000	2,8	8,1	39	72
	62	2	~ 11	2000	3,7	10,8	39	72

$\boxtimes$ ALUMINUM / $\boxtimes$ MILD STEEL, GALVANIZED STEEL AND STAINLESS STEEL

* Other thicknesses available upon request

MALIBU



[1:1]

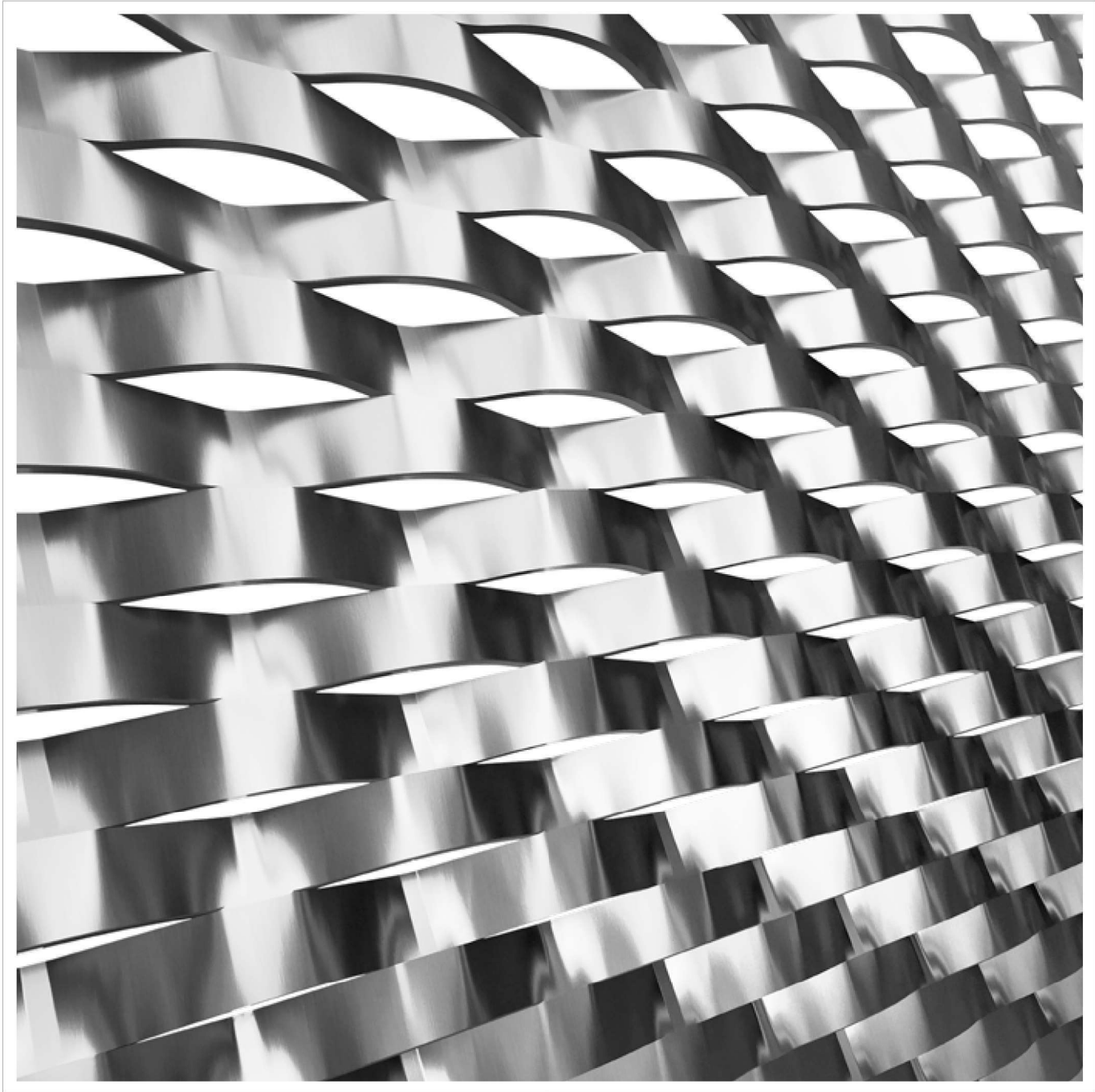
Technical data

Mesh shape	Mesh LWD [mm]	Thickness [mm]	Total thickness [mm]	Dimension Hmax/LWD [mm]	Weight $\boxtimes$ [kg/mq]	Weight $\boxtimes$ [kg/mq]	Front Open Area % (*)	Max Open Area % (*)
RHOMBOIDAL	62	1,5	~ 12	2000	2,8	8,2	41	72
	62	2	~ 12	2000	3,8	11,0	41	72
	62	3	~ 12	2000	5,7	16,5	41	72

$\boxtimes$ ALUMINUM / $\boxtimes$ MILD STEEL, GALVANIZED STEEL AND STAINLESS STEEL

* Other thicknesses available upon request

NAVIGLI



[1:1]

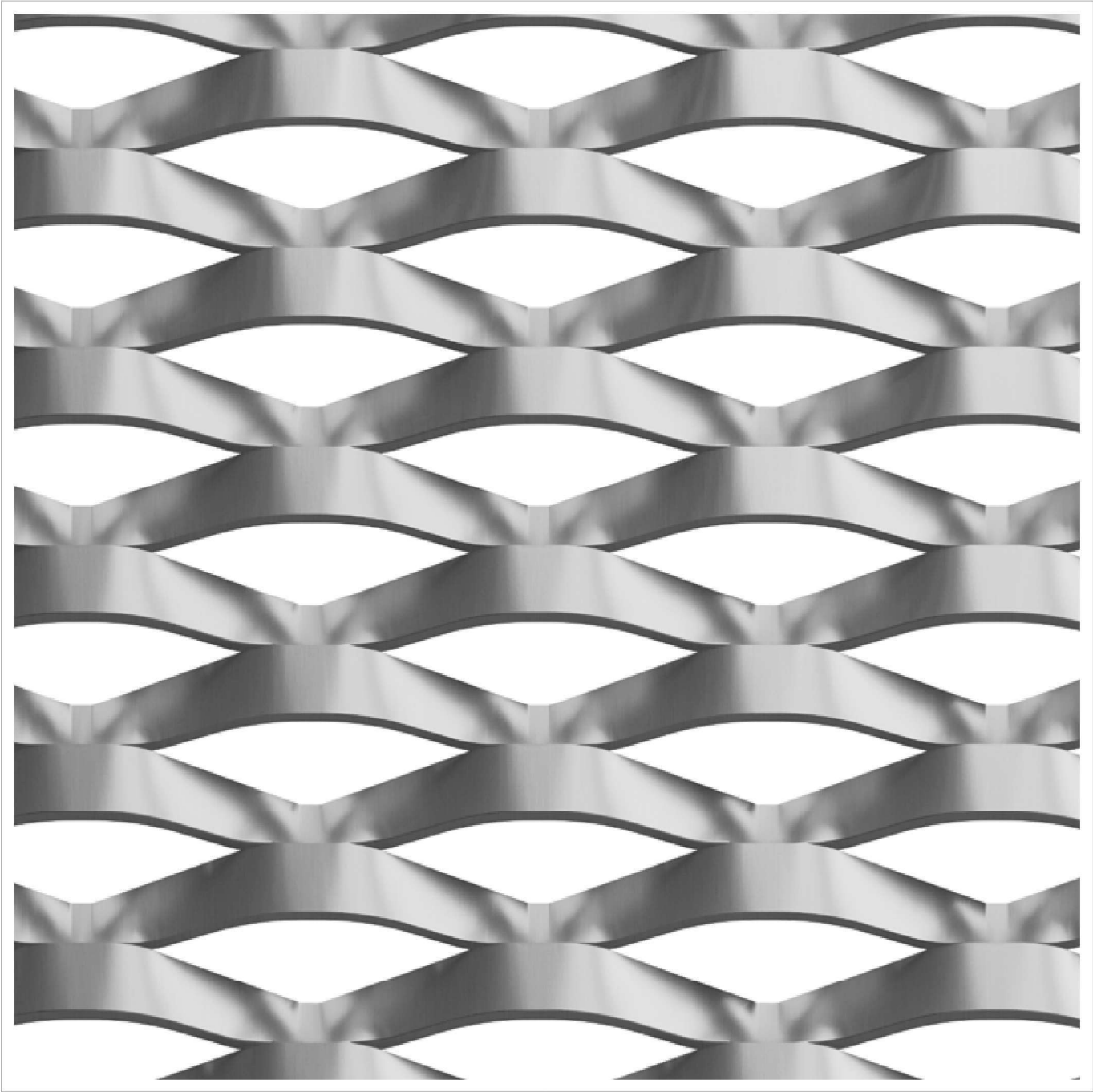
Technical data

Mesh shape	Mesh LWD [mm]	Thickness [mm]	Total thickness [mm]	Dimension Hmax/LWD [mm]	Weight $\boxtimes$ [kg/mq]	Weight $\boxtimes$ [kg/mq]	Front Open Area % (*)	Max Open Area % (*)
RHOMBODAL	62	1,5	~ 10	2000	3,7	10,6	14	58
	62	2	~ 10	2000	4,9	14,2	14	58
	62	3	~ 10	2000	7,3	21,3	14	58

$\boxtimes$ ALUMINUM / $\boxtimes$ MILD STEEL, GALVANIZED STEEL AND STAINLESS STEEL

* Other thicknesses available upon request

NOMA XS



[1:1]

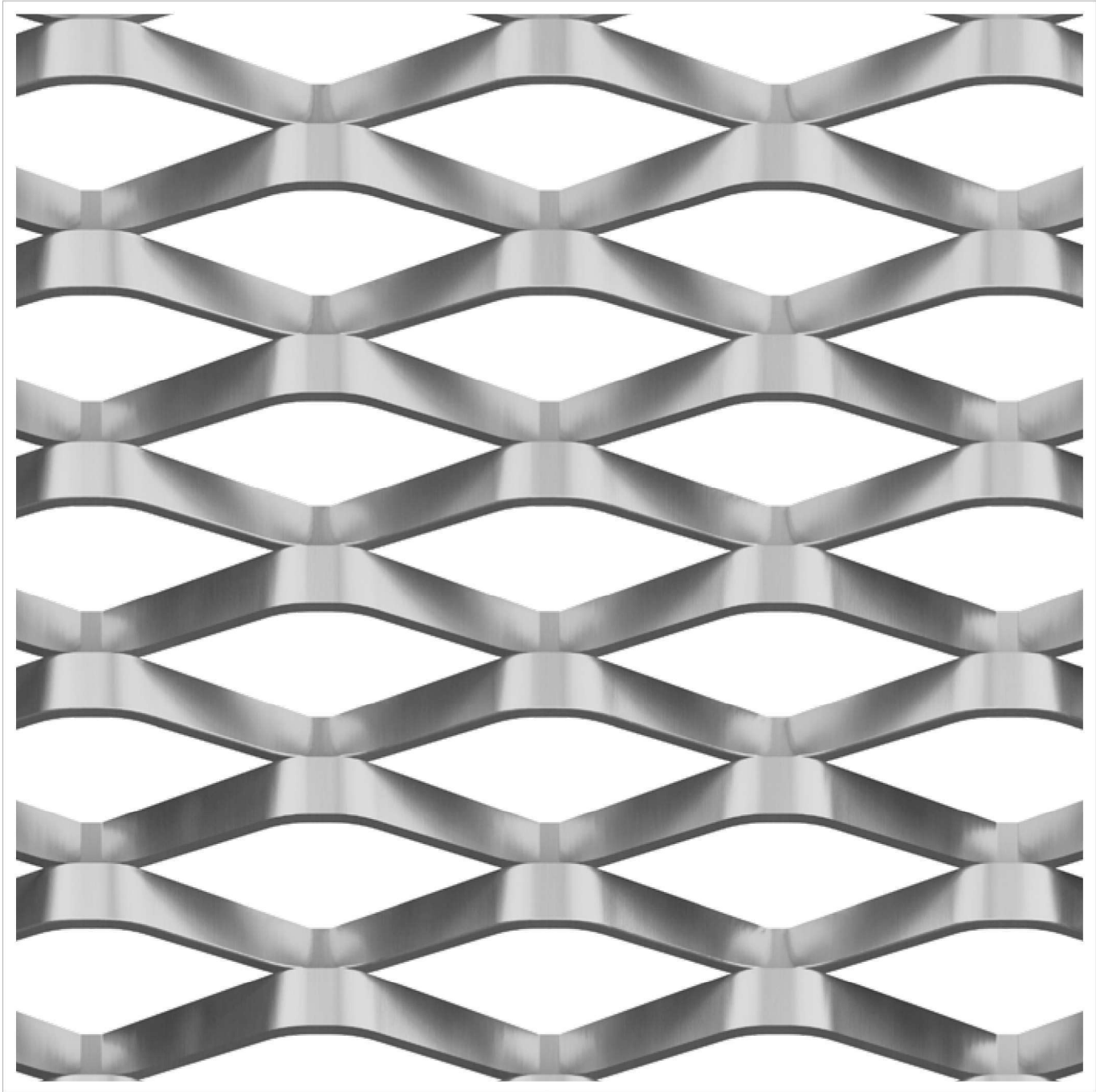
Technical data

Mesh shape	Mesh LWD [mm]	Thickness [mm]	Total thickness [mm]	Dimension Hmax/LWD [mm]	Weight $\boxtimes$ [kg/mq]	Weight $\boxtimes$ [kg/mq]	Front Open Area % (*)	Max Open Area % (*)
RHOMBOIDAL	76	1,5	~ 15	2000	2,9	8,6	39	71
	76	2	~ 15	2000	3,9	11,4	39	71
	76	3	~ 15	2000	5,9	17,1	39	71

$\boxtimes$ ALUMINUM / $\boxtimes$ MILD STEEL, GALVANIZED STEEL AND STAINLESS STEEL

* Other thicknesses available upon request

NOMA



[1:1]

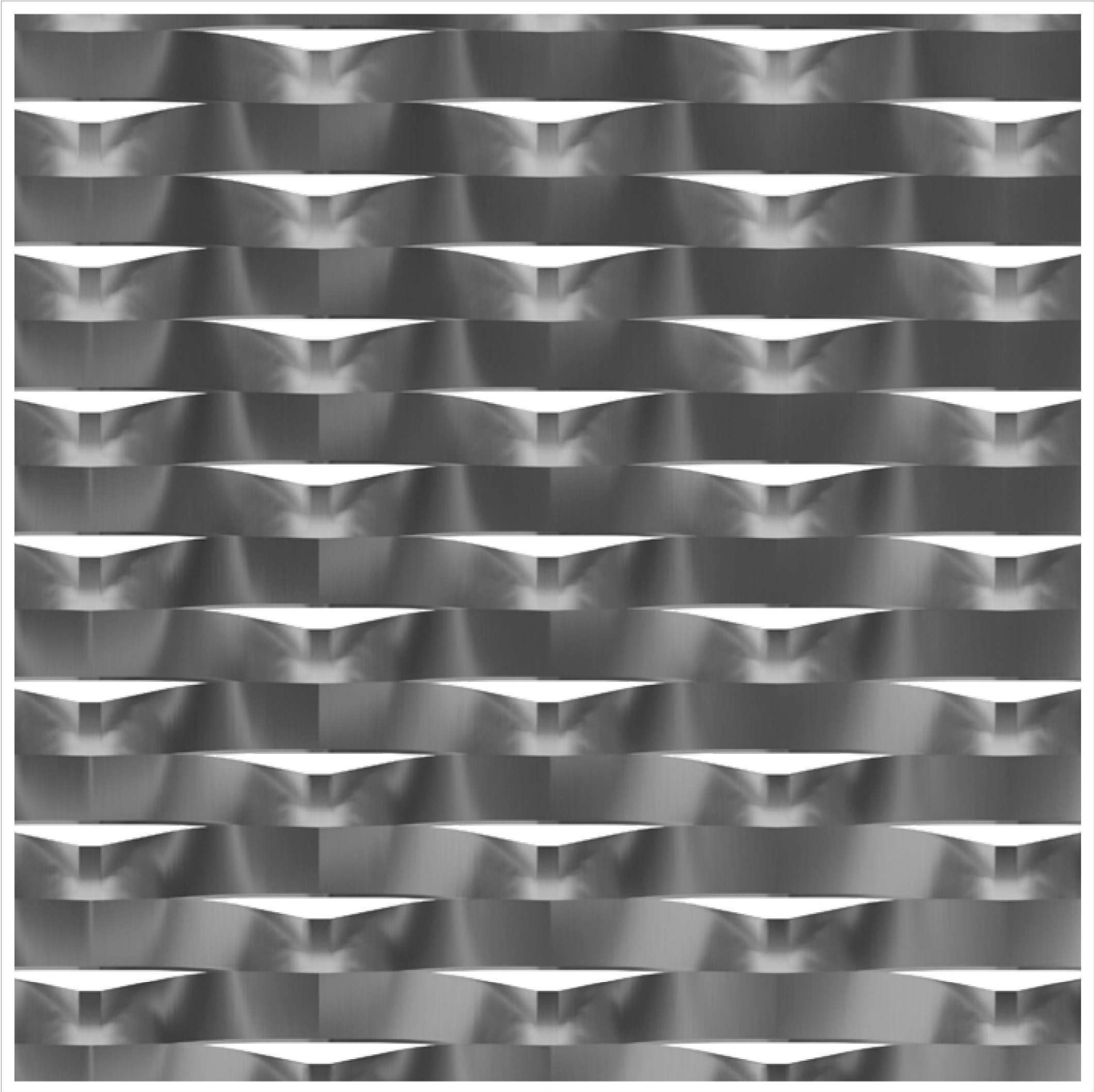
Technical data

Mesh shape	Mesh LWD [mm]	Thickness [mm]	Total thickness [mm]	Dimension Hmax/LWD [mm]	Weight $\boxtimes$ [kg/mq]	Weight $\boxtimes$ [kg/mq]	Front Open Area % (*)	Max Open Area % (*)
RHOMBOIDAL	76	1,5	~ 16	2000	2,6	7,4	44	76
	76	2	~ 16	2000	3,4	9,9	44	76
	76	3	~ 16	2000	5,1	14,8	44	76

$\boxtimes$ ALUMINUM / $\boxtimes$ MILD STEEL, GALVANIZED STEEL AND STAINLESS STEEL

* Other thicknesses available upon request

SORBONA



[1:1]

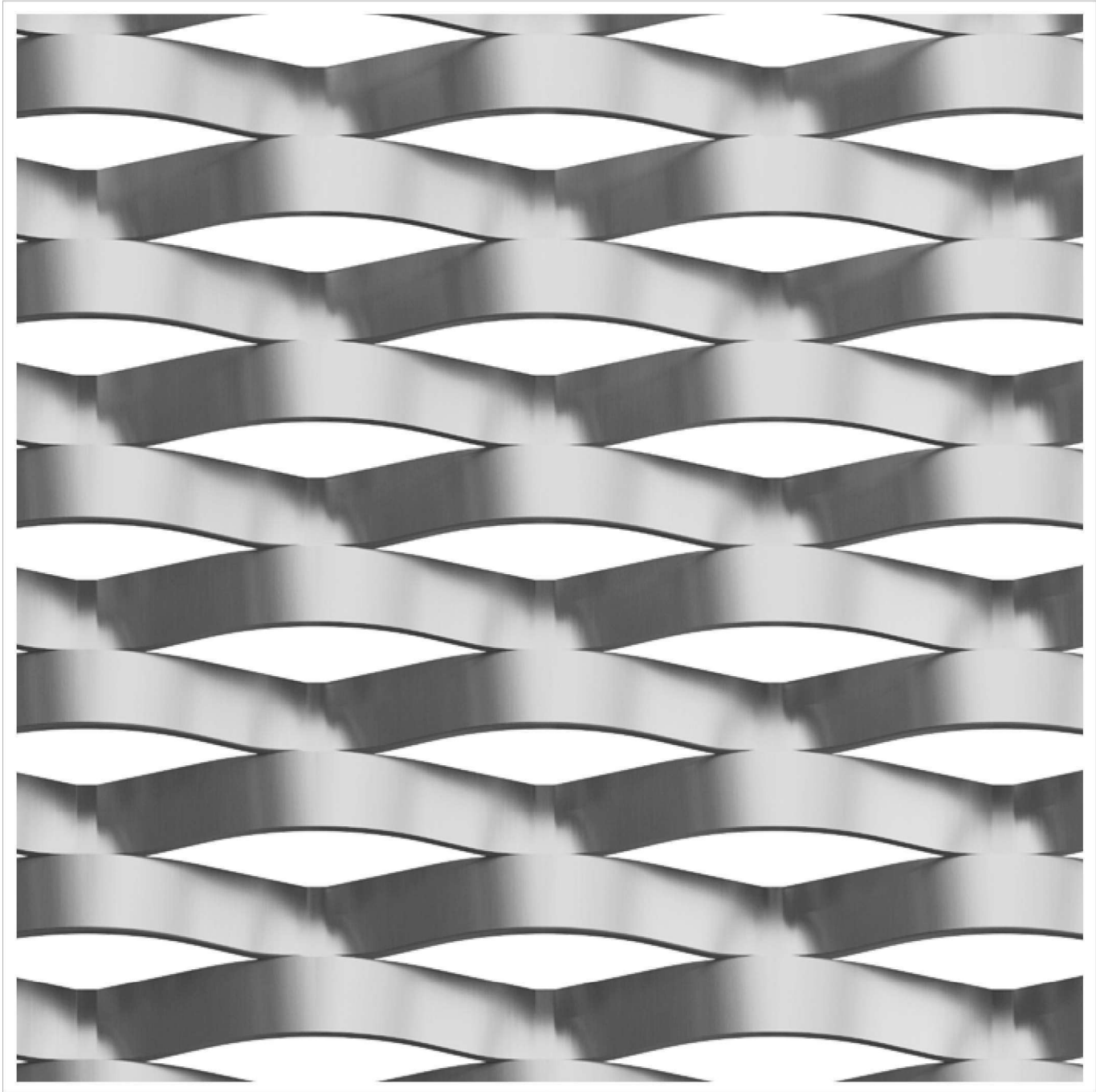
Technical data

Mesh shape	Mesh LWD [mm]	Thickness [mm]	Total thickness [mm]	Dimension Hmax/LWD [mm]	Weight $\boxtimes$ [kg/mq]	Weight $\boxtimes$ [kg/mq]	Front Open Area % (*)	Max Open Area % (*)
RHOMBOIDAL	76	1,5	~ 11	2000	3,7	10,8	9	44
	76	2	~ 11	2000	4,8	13,8	9	44

$\boxtimes$ ALUMINUM / $\boxtimes$ MILD STEEL, GALVANIZED STEEL AND STAINLESS STEEL

* Other thicknesses available upon request

SORBONA XL



[1:1]

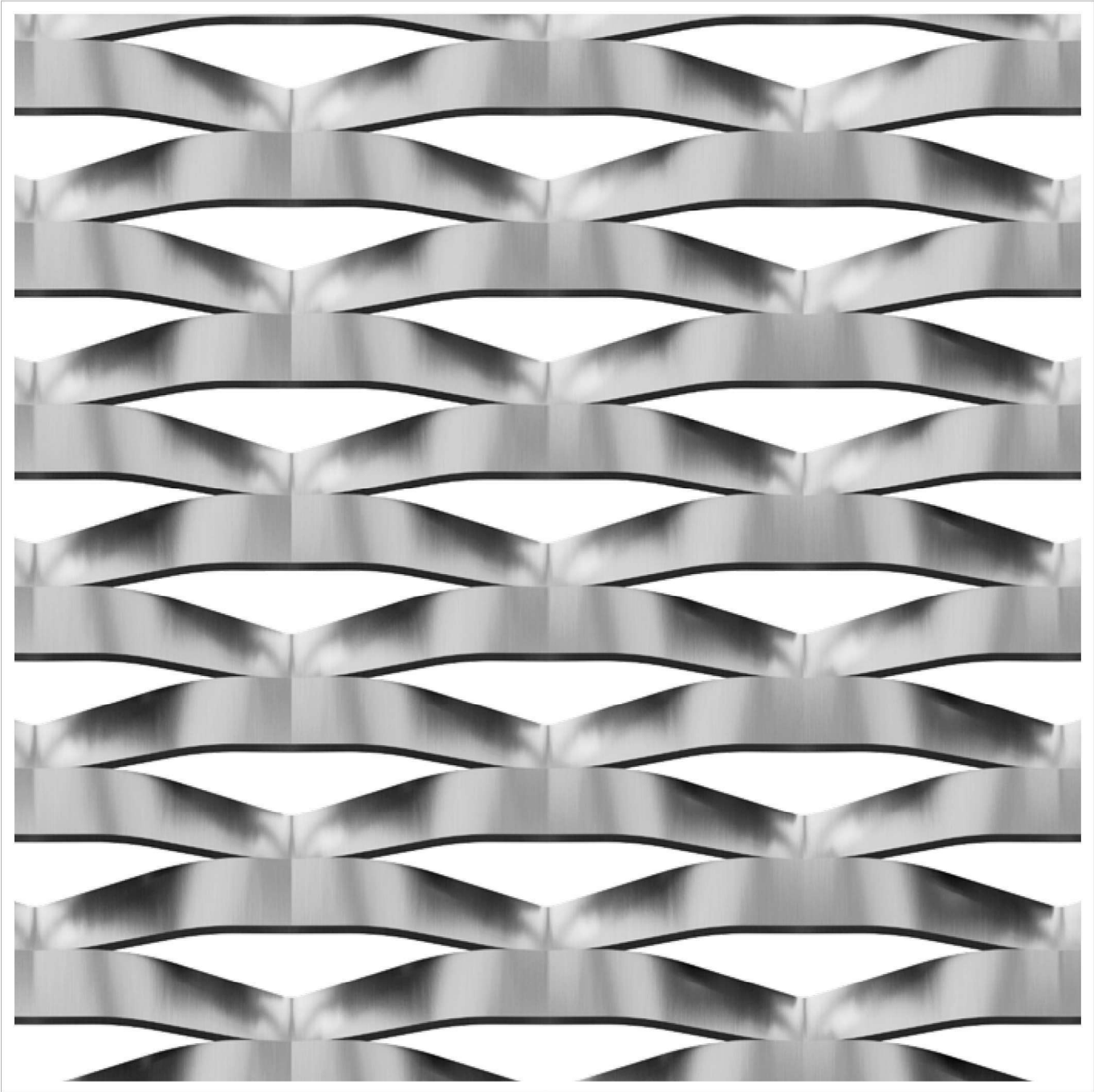
Technical data

Mesh shape	Mesh LWD [mm]	Thickness [mm]	Total thickness [mm]	Dimension Hmax/LWD [mm]	Weight $\boxtimes$ [kg/mq]	Weight $\boxtimes$ [kg/mq]	Front Open Area % (*)	Max Open Area % (*)
RHOMBOIDAL	76	1,5	~ 15	2100	3,3	9,5	24	67
	76	2	~ 15	2100	4,4	12,7	24	67
	76	3	~ 15	2100	6,5	19,0	24	67

$\boxtimes$ ALUMINUM / $\boxtimes$ MILD STEEL, GALVANIZED STEEL AND STAINLESS STEEL

* Other thicknesses available upon request

BRERA



[1:1]

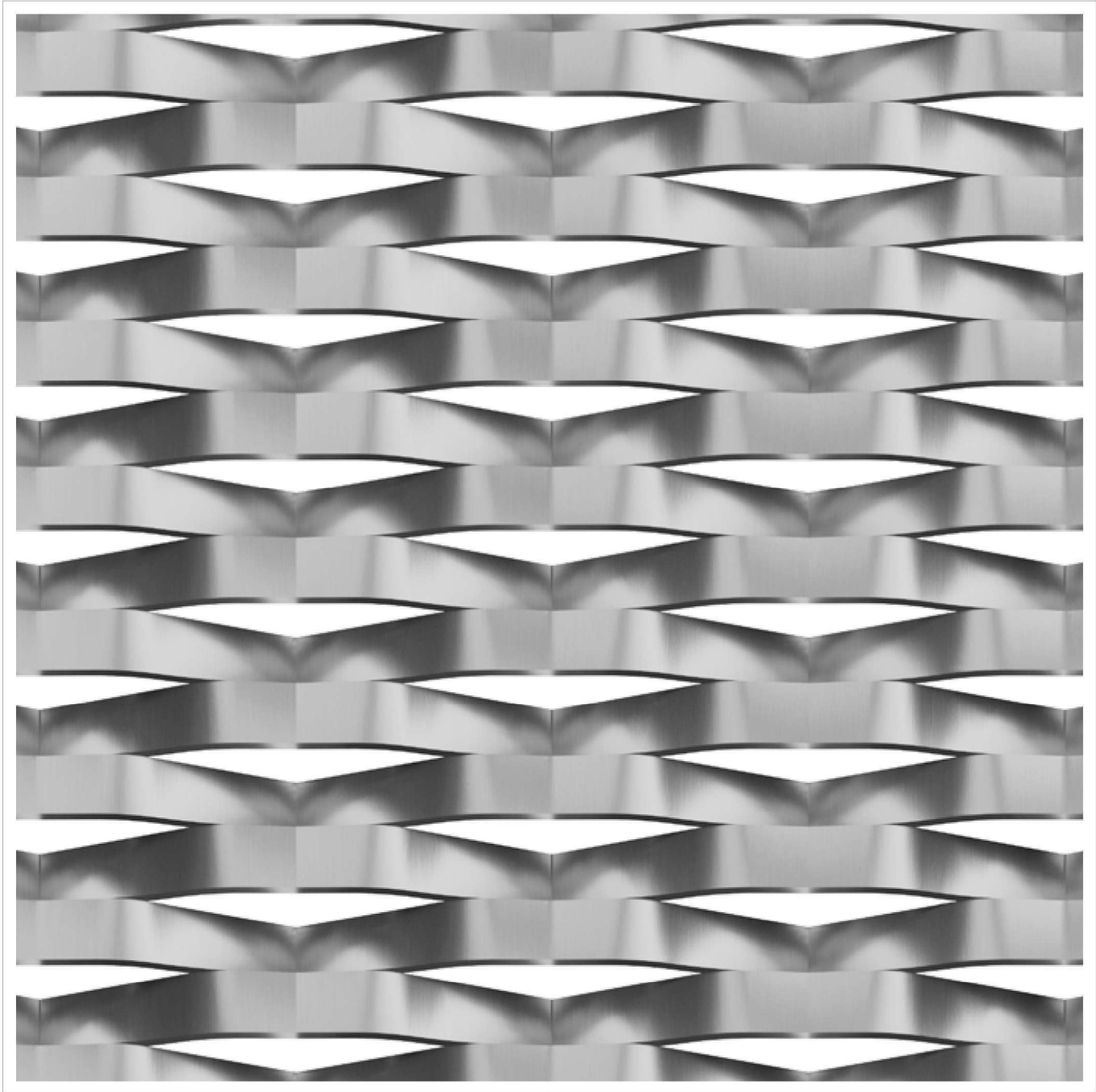
Technical data

Mesh shape	Mesh LWD [mm]	Thickness [mm]	Total thickness [mm]	Dimension Hmax/LWD [mm]	Weight $\boxtimes$ [kg/mq]	Weight $\boxtimes$ [kg/mq]	Front Open Area % (*)	Max Open Area % (*)
RHOMBOIDAL	85	1,5	~15	2000	3,0	8,6	31	70
	85	2	~15	2000	4,0	11,5	31	70
	85	3	~15	2000	5,9	17,3	31	70

$\boxtimes$ ALUMINUM / $\boxtimes$ MILD STEEL, GALVANIZED STEEL AND STAINLESS STEEL

* Other thicknesses available upon request

BROOKLYN



[1:1]

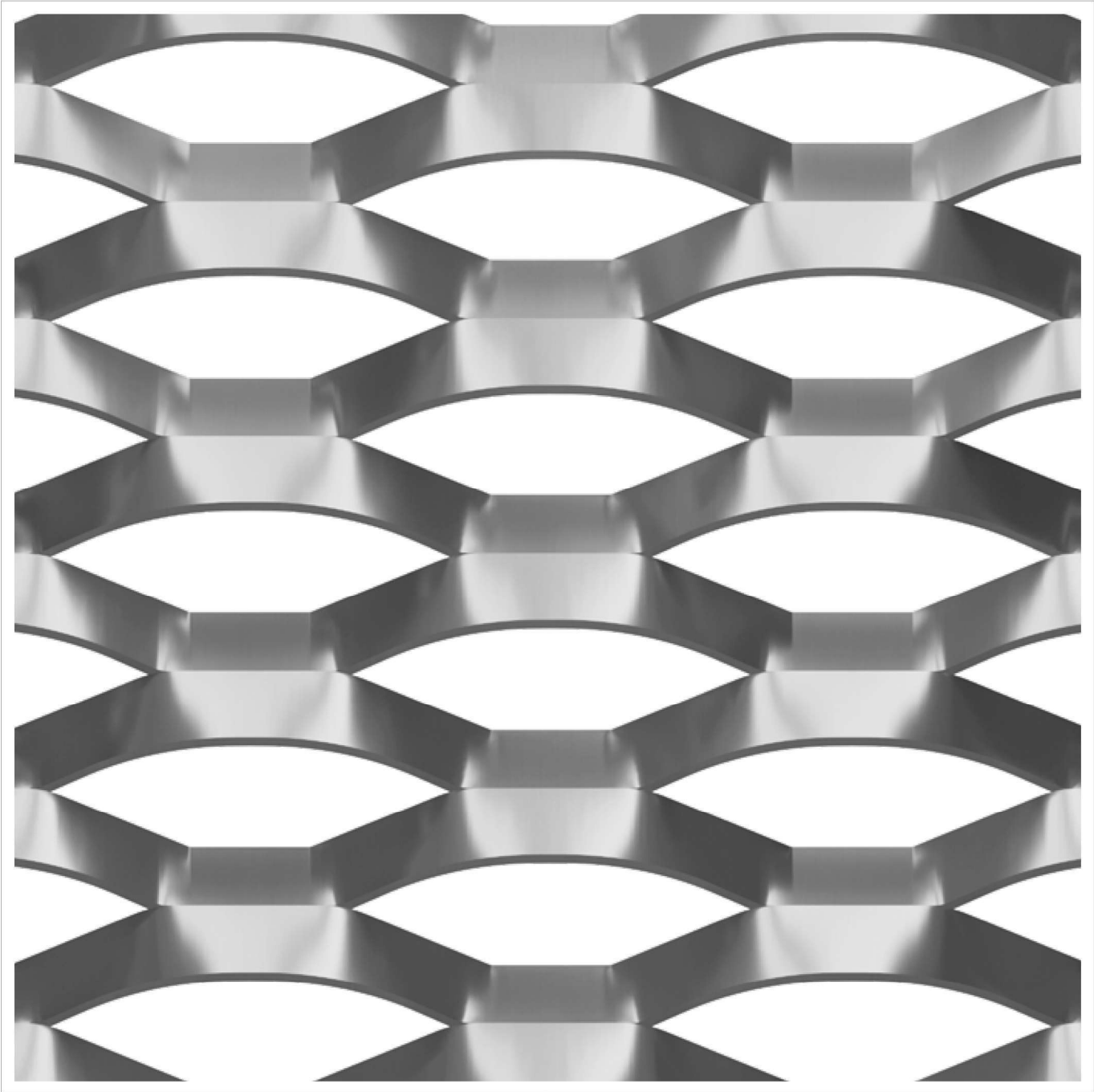
Technical data

Mesh shape	Mesh LWD [mm]	Thickness [mm]	Total thickness [mm]	Dimension Hmax/LWD [mm]	Weight $\boxtimes$ [kg/mq]	Weight $\boxtimes$ [kg/mq]	Front Open Area % (*)	Max Open Area % (*)
RHOMBOIDAL	85	1,5	~ 11	2000	3,7	10,8	17	56
	85	2	~ 11	2000	5	14,4	17	56
	85	3	~ 11	2000	7,4	21,6	17	56

$\boxtimes$ ALUMINUM / $\boxtimes$ MILD STEEL, GALVANIZED STEEL AND STAINLESS STEEL

* Other thicknesses available upon request

MANCUNIA



[1:1]

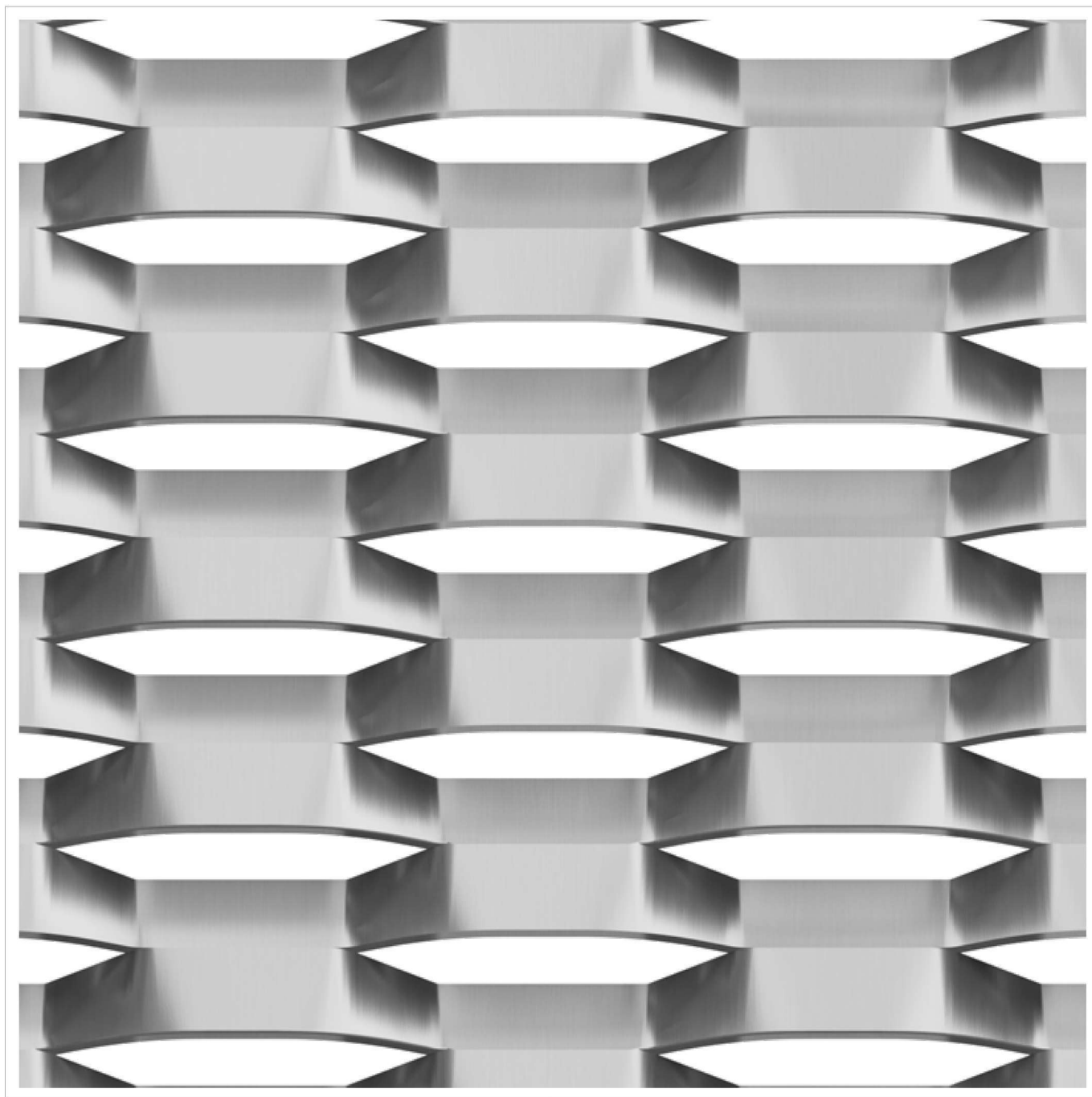
Technical data

Mesh shape	Mesh LWD [mm]	Thickness [mm]	Total thickness [mm]	Dimension Hmax/LWD [mm]	Weight $\boxtimes$ [kg/mq]	Weight $\boxtimes$ [kg/mq]	Front Open Area % (*)	Max Open Area % (*)
RHOMBOIDAL	100	1,5	~ 18	2000	2,8	8,0	40	64
	100	2	~ 18	2000	3,7	10,7	40	64
	100	3	~ 18	2000	5,5	16,1	40	64

$\boxtimes$ ALUMINUM / $\boxtimes$ MILD STEEL, GALVANIZED STEEL AND STAINLESS STEEL

* Other thicknesses available upon request

OPERA



[1:1]

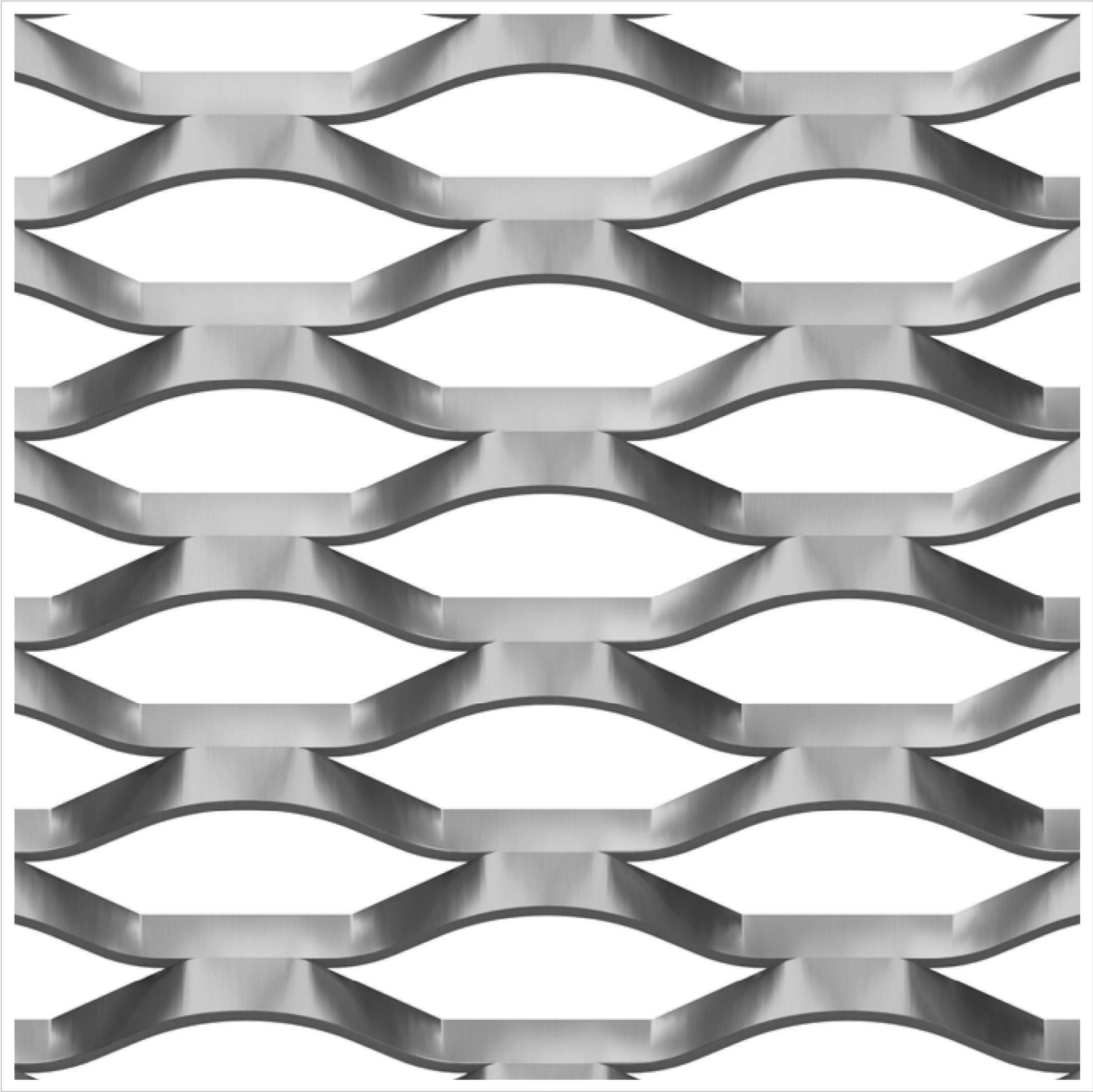
Technical data

Mesh shape	Mesh LWD [mm]	Thickness [mm]	Total thickness [mm]	Dimension Hmax/LWD [mm]	Weight $\boxtimes$ [kg/mq]	Weight $\boxtimes$ [kg/mq]	Front Open Area % (*)	Max Open Area % (*)
HEXAGONAL	100	1,5	~ 14	3000	3,4	9,8	24	67
	100	2	~ 14	3000	4,5	13	24	67
	100	3	~ 14	3000	6,7	19,5	24	67

$\boxtimes$ ALUMINUM / $\boxtimes$ MILD STEEL, GALVANIZED STEEL AND STAINLESS STEEL

* Other thicknesses available upon request

PRATER



[1:1]

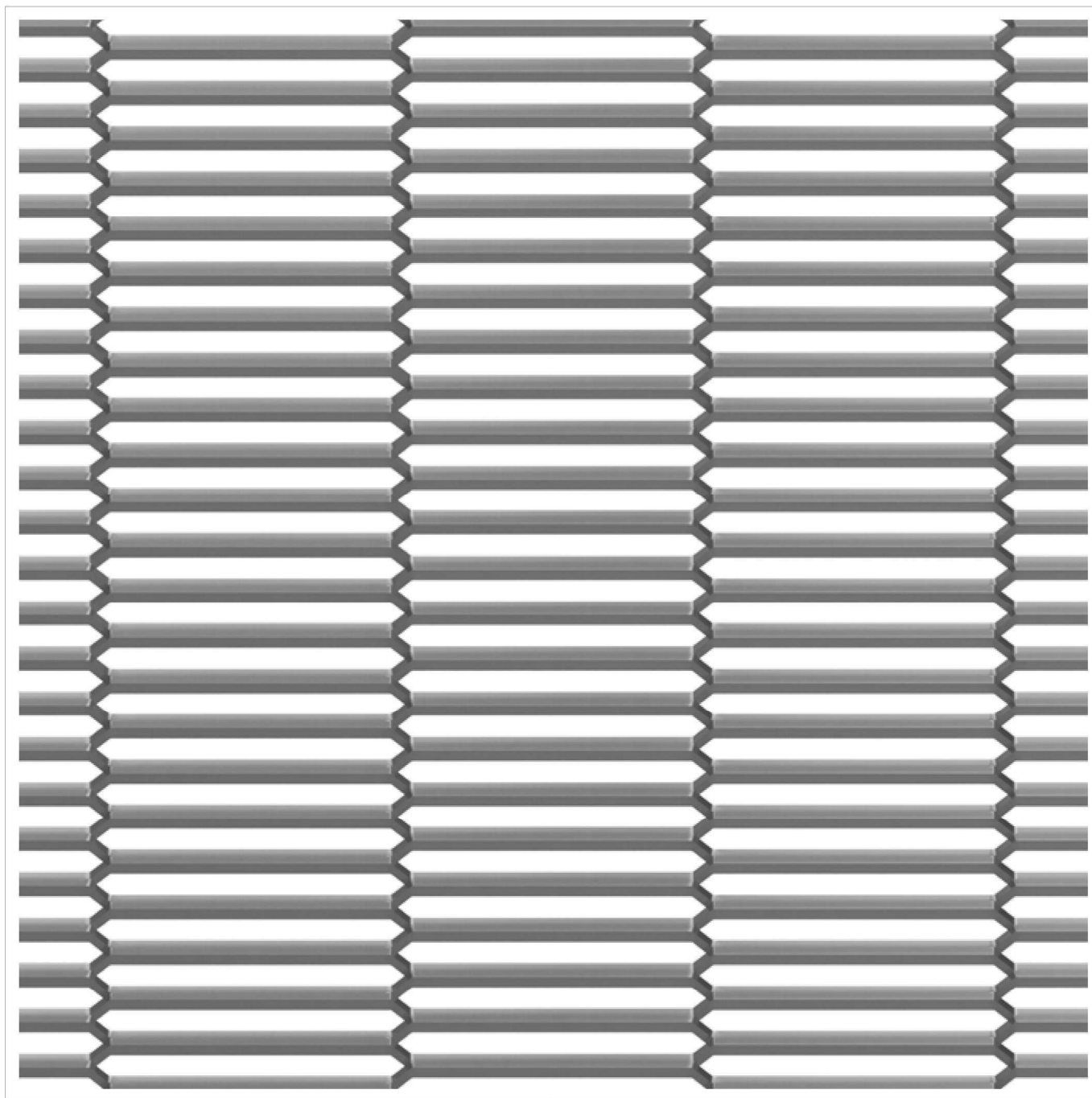
Technical data

Mesh shape	Mesh LWD [mm]	Thickness [mm]	Total thickness [mm]	Dimension Hmax/LWD [mm]	Weight $\boxtimes$ [kg/mq]	Weight $\boxtimes$ [kg/mq]	Front Open Area % (*)	Max Open Area % (*)
HEXAGONAL	100	1,5	~ 14	3000	2,2	6,4	52	76
	100	2	~ 14	3000	2,9	8,5	52	76
	100	3	~ 14	3000	4,4	12,8	52	76

$\boxtimes$ ALUMINUM / $\boxtimes$ MILD STEEL, GALVANIZED STEEL AND STAINLESS STEEL

* Other thicknesses available upon request

SKADARLIJA XS



[1:1]

Technical data

Mesh shape	Mesh LWD [mm]	Thickness [mm]	Total thickness [mm]	Dimension Hmax/LWD [mm]	Weight $\boxtimes$ [kg/mq]	Weight $\boxtimes$ [kg/mq]	Front Open Area % (*)	Max Open Area % (*)
HEXAGONAL	100	2	~ 4	1500	2,9	8,4	45	61
	100	3	~ 4	1500	4,3	12,6	45	61

$\boxtimes$ ALUMINUM / $\boxtimes$ MILD STEEL, GALVANIZED STEEL AND STAINLESS STEEL

* Other thicknesses available upon request

SKADARLIJA



[1:1]

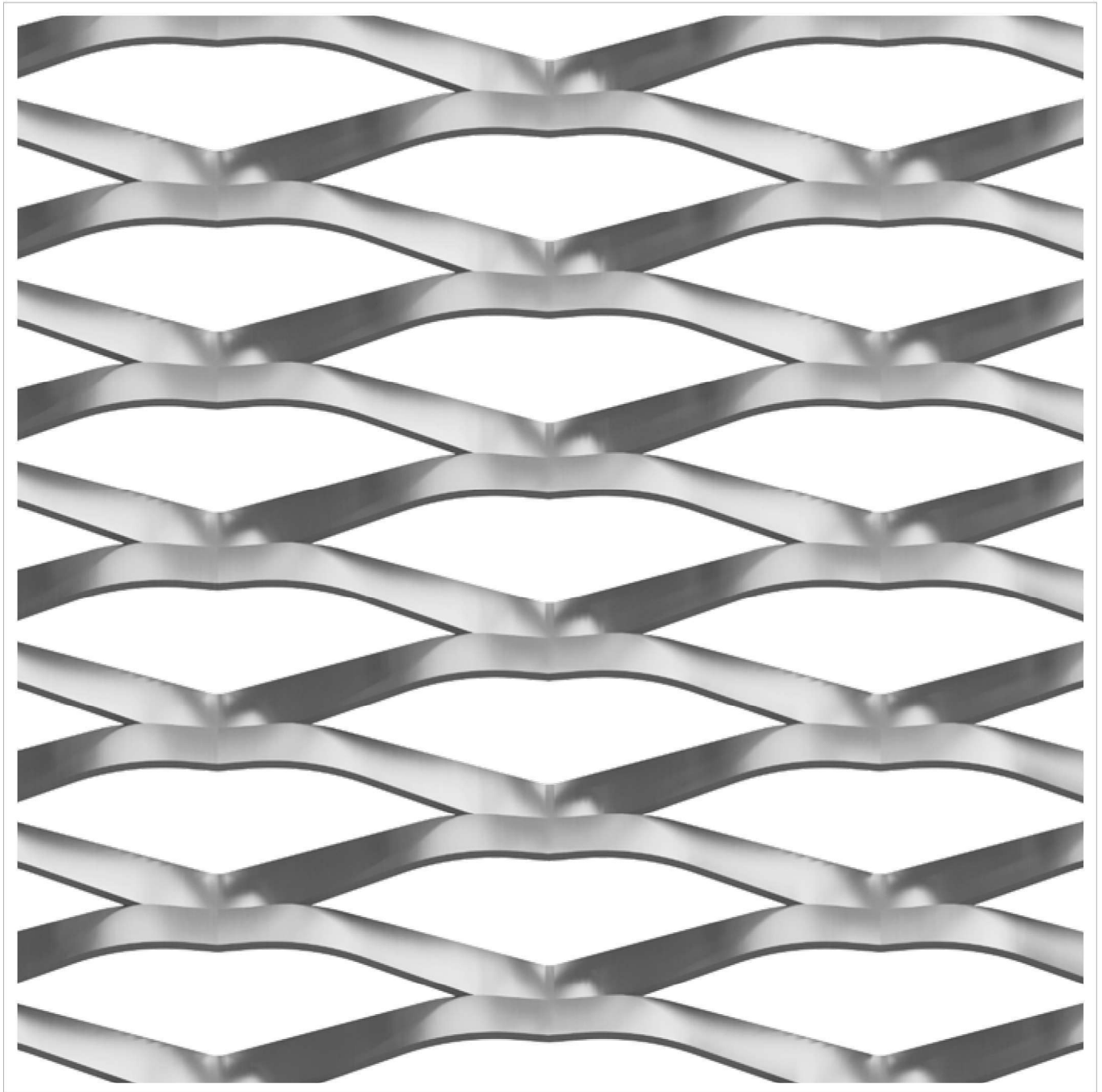
Technical data

Mesh shape	Mesh LWD [mm]	Thickness [mm]	Total thickness [mm]	Dimension Hmax/LWD [mm]	Weight $\boxtimes$ [kg/mq]	Weight $\boxtimes$ [kg/mq]	Front Open Area % (*)	Max Open Area % (*)
HEXAGONAL	100	1,5	~ 6	1500	4,1	11,8	1	16
	100	2	~ 6	1500	5,4	15,7	1	16

$\boxtimes$ ALUMINUM / $\boxtimes$ MILD STEEL, GALVANIZED STEEL AND STAINLESS STEEL

* Other thicknesses available upon request

BEBEK



[1:1]

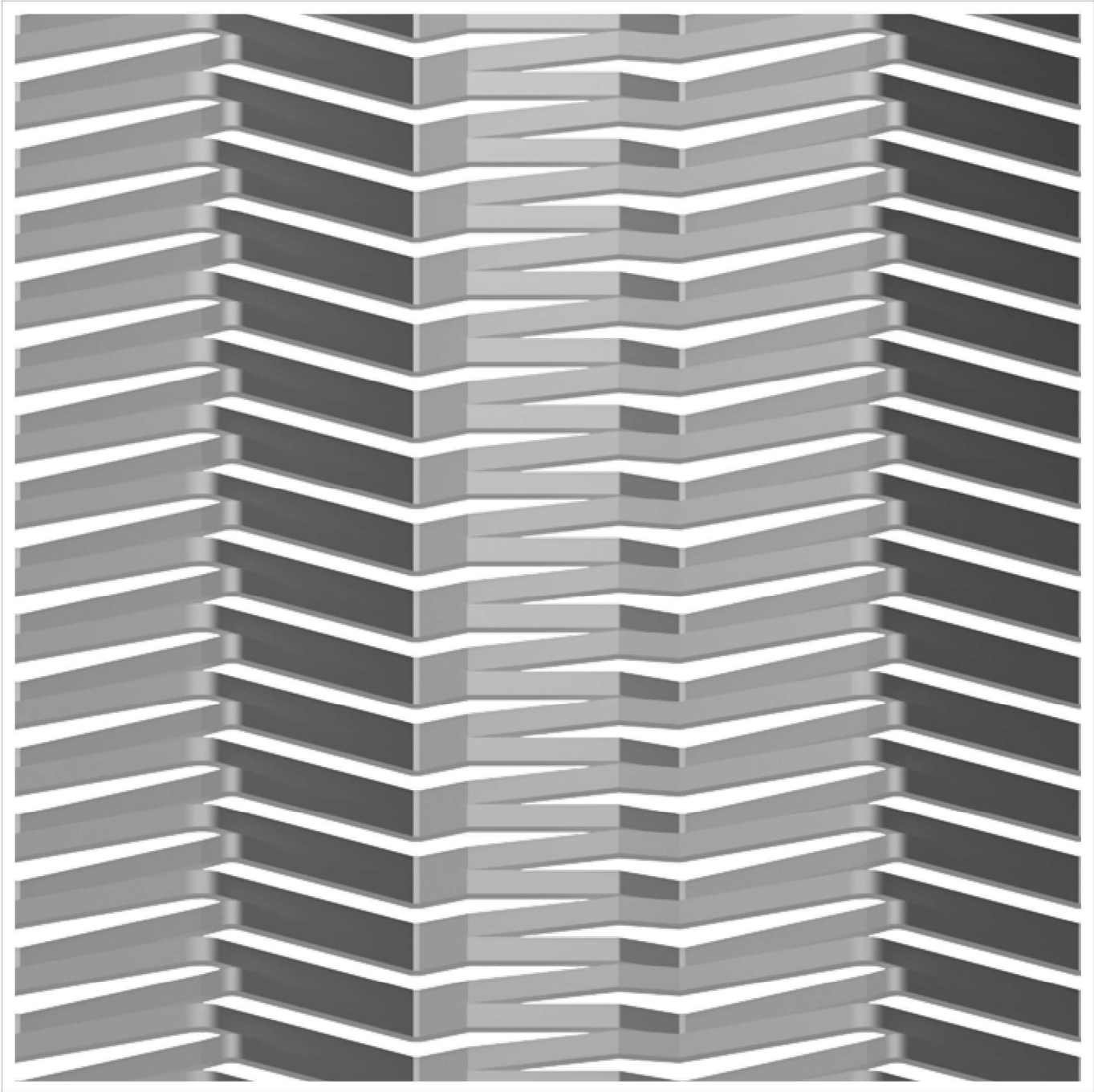
Technical data

Mesh shape	Mesh LWD [mm]	Thickness [mm]	Total thickness [mm]	Dimension Hmax/LWD [mm]	Weight [kg/mq]	Weight [kg/mq]	Front Open Area % (*)	Max Open Area % (*)
RHOMBOIDAL	110	1,5	~ 15	3000	2,2	6,3	54	75
	110	2	~ 15	3000	2,9	8,4	54	75
	110	3	~ 15	3000	4,3	12,6	54	75

ALUMINUM / MILD STEEL, GALVANIZED STEEL AND STAINLESS STEEL

* Other thicknesses available upon request

EXPO



[1:1]

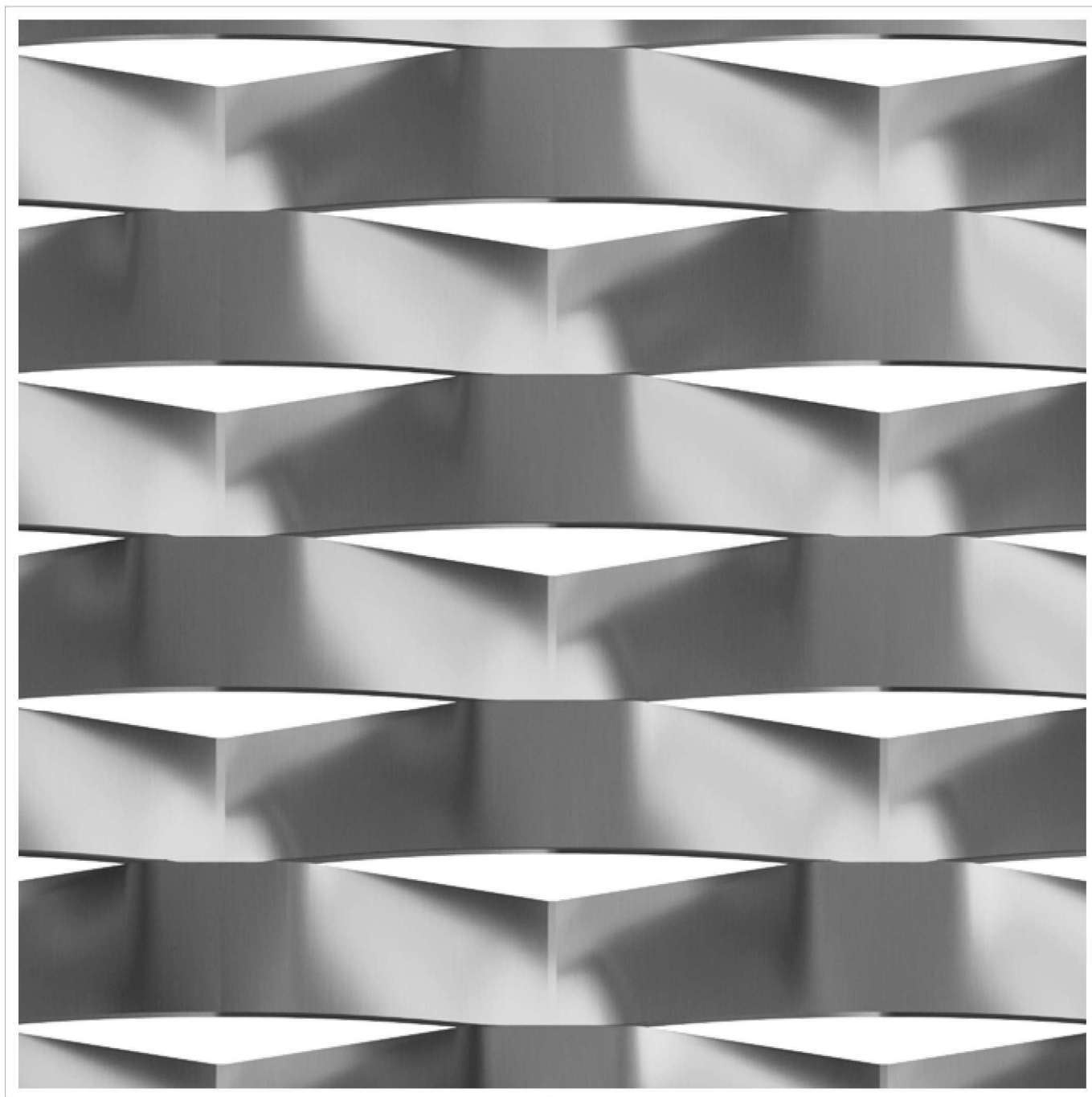
Technical data

Mesh shape	Mesh LWD [mm]	Thickness [mm]	Total thickness [mm]	Dimension Hmax/LWD [mm]	Weight $\boxtimes$ [kg/mq]	Weight $\boxtimes$ [kg/mq]	Front Open Area % (*)	Max Open Area % (*)
ASYMMETRIC	110	1,5	~ 14	3000	2,9	8,6	23	37
	110	2	~ 14	3000	3,9	11,4	23	37
	110	3	~ 14	3000	5,9	17,1	23	37

$\boxtimes$ ALUMINUM / $\boxtimes$ MILD STEEL, GALVANIZED STEEL AND STAINLESS STEEL

* Other thicknesses available upon request

MARACANA



[1:1]

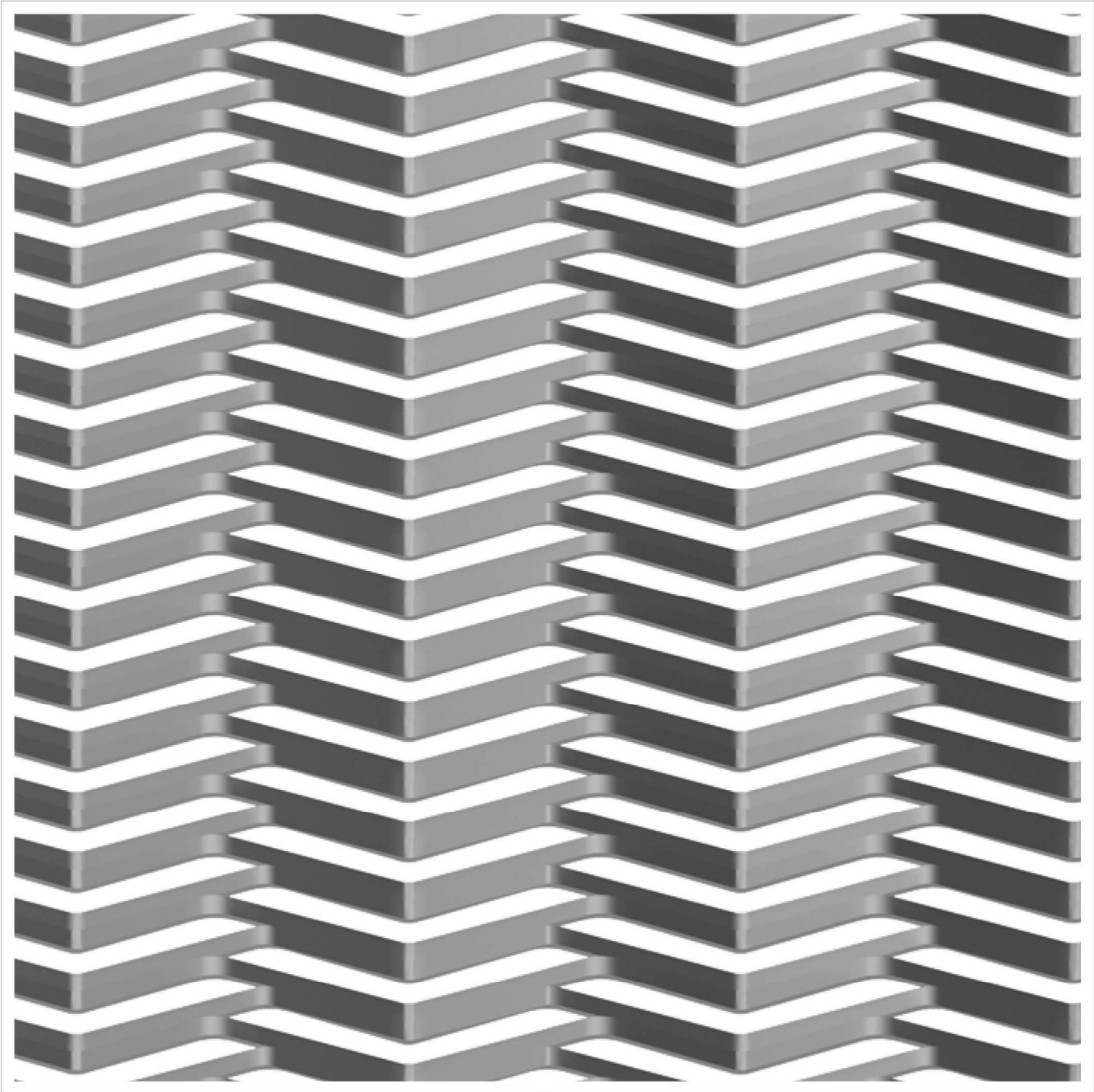
Technical data

Mesh shape	Mesh LWD [mm]	Thickness [mm]	Total thickness [mm]	Dimension Hmax/LWD [mm]	Weight $\boxtimes$ [kg/mq]	Weight $\boxtimes$ [kg/mq]	Front Open Area % (*)	Max Open Area % (*)
RHOMBOIDAL	110	1,5	~ 21	3000	3,5	10,3	14	55
	110	2	~ 21	3000	4,7	13,7	14	55
	110	3	~ 21	3000	7,1	20,5	14	55

$\boxtimes$ ALUMINUM / $\boxtimes$ MILD STEEL, GALVANIZED STEEL AND STAINLESS STEEL

* Other thicknesses available upon request

PICCADILLY



[1:1]

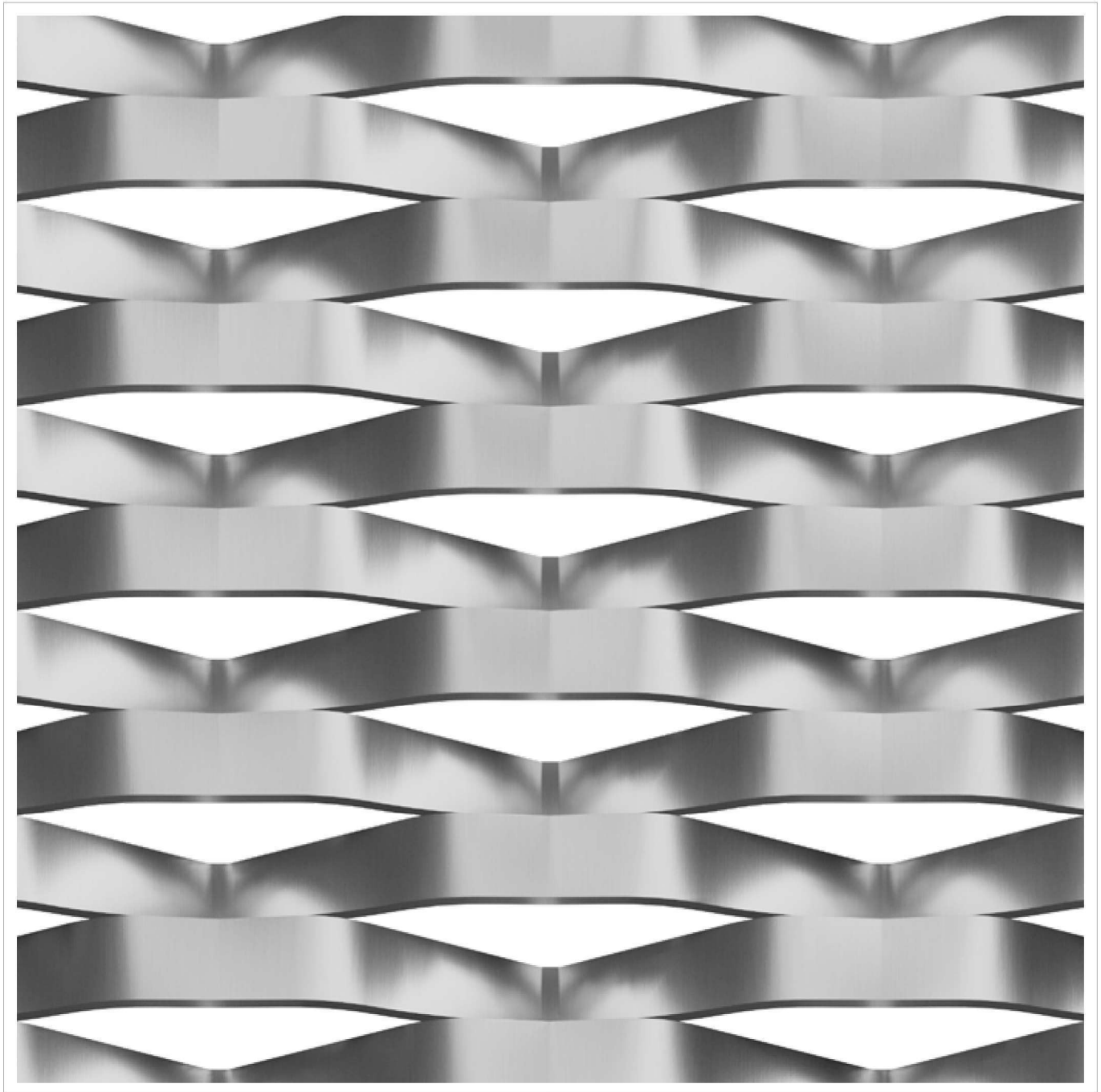
Technical data

Mesh shape	Mesh LWD [mm]	Thickness [mm]	Total thickness [mm]	Dimension Hmax/LWD [mm]	Weight $\boxtimes$ [kg/mq]	Weight $\boxtimes$ [kg/mq]	Front Open Area % (*)	Max Open Area % (*)
RHOMBODAL	110	1,5	~ 9	3000	2,3	6,7	45	64
	110	2	~ 9	3000	3,1	9,0	45	64
	110	3	~ 9	3000	4,6	13,4	45	64

$\boxtimes$ ALUMINUM / $\boxtimes$ MILD STEEL, GALVANIZED STEEL AND STAINLESS STEEL

* Other thicknesses available upon request

RAVAL



[1:1]

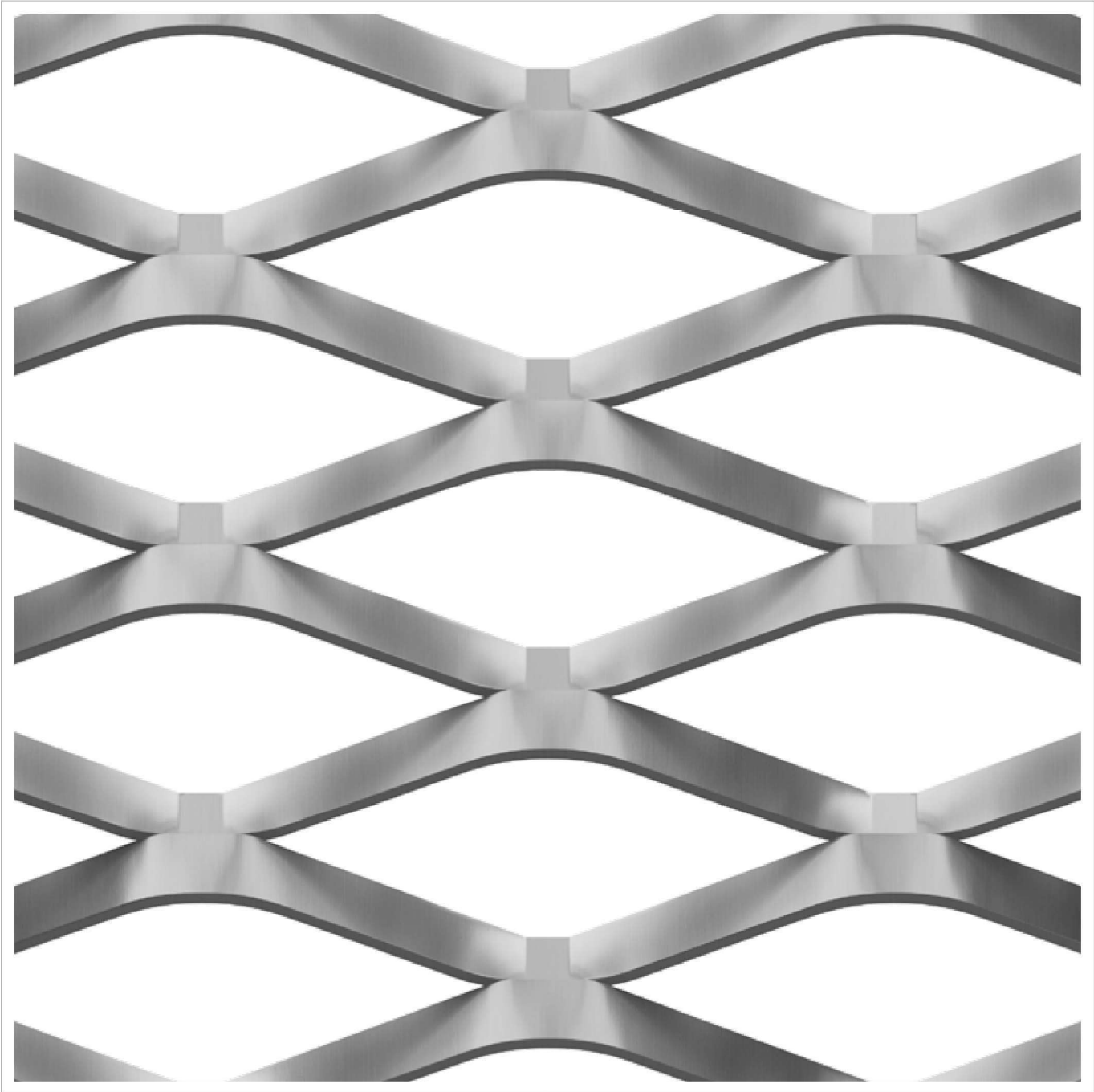
Technical data

Mesh shape	Mesh LWD [mm]	Thickness [mm]	Total thickness [mm]	Dimension Hmax/LWD [mm]	Weight $\boxtimes$ [kg/mq]	Weight $\boxtimes$ [kg/mq]	Front Open Area % (*)	Max Open Area % (*)
RHOMBODAL	110	1,5	~ 20	3000	3,1	9,0	21	66
	110	2	~ 20	3000	4,1	12,0	21	66
	110	3	~ 20	3000	6,2	18,0	21	66

$\boxtimes$ ALUMINUM / $\boxtimes$ MILD STEEL, GALVANIZED STEEL AND STAINLESS STEEL

* Other thicknesses available upon request

FLAMINIO XS



[1:1]

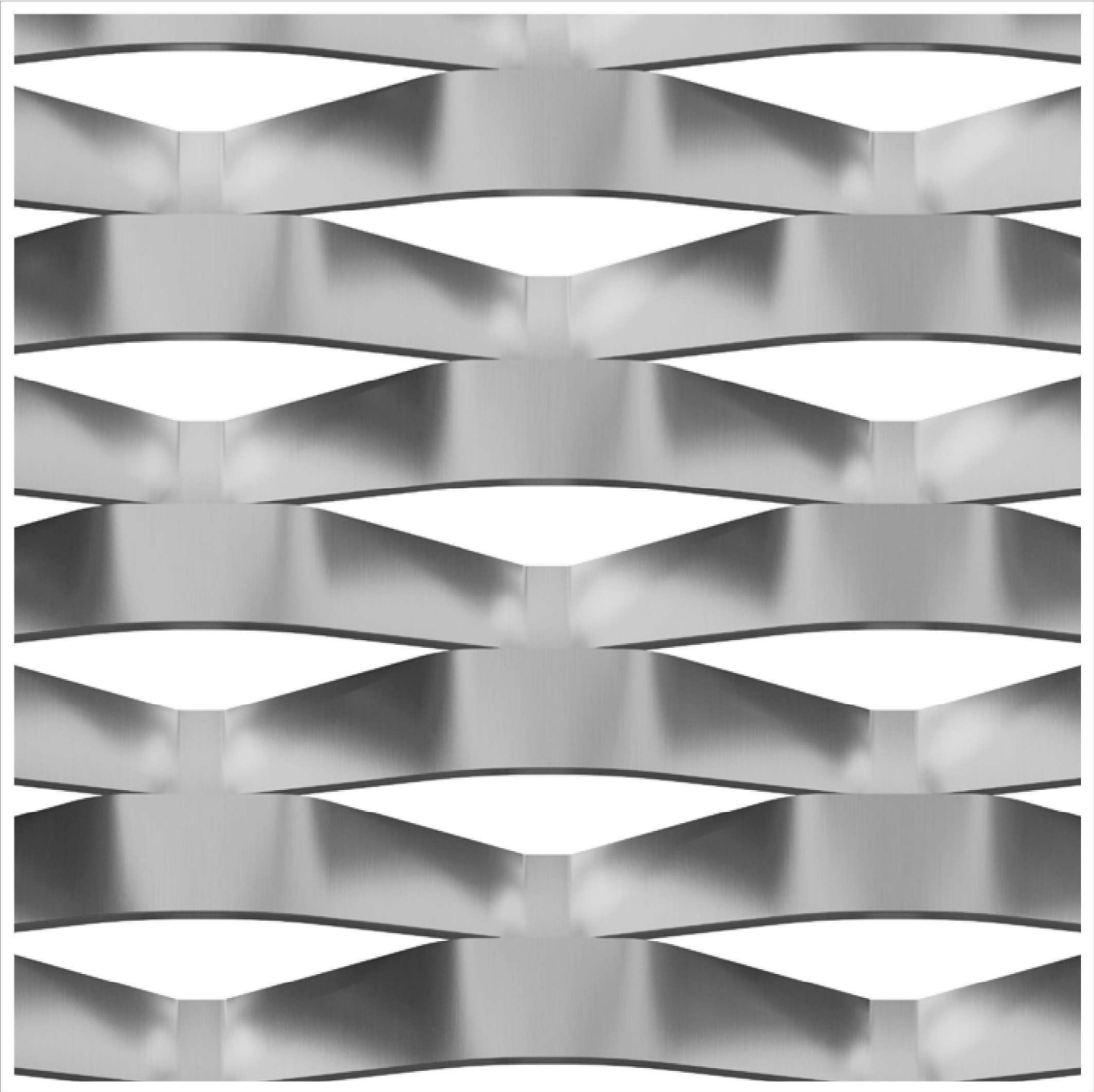
Technical data

Mesh shape	Mesh LWD [mm]	Thickness [mm]	Total thickness [mm]	Dimension Hmax/LWD [mm]	Weight $\boxtimes$ [kg/mq]	Weight $\boxtimes$ [kg/mq]	Front Open Area % (*)	Max Open Area % (*)
RHOMBOIDAL	115	1,5	~ 19	2000	2,0	5,9	58	81
	115	2	~ 19	2000	2,7	7,9	58	81

$\boxtimes$ ALUMINUM / $\boxtimes$ MILD STEEL, GALVANIZED STEEL AND STAINLESS STEEL

* Other thicknesses available upon request

FLAMINIO



[1:1]

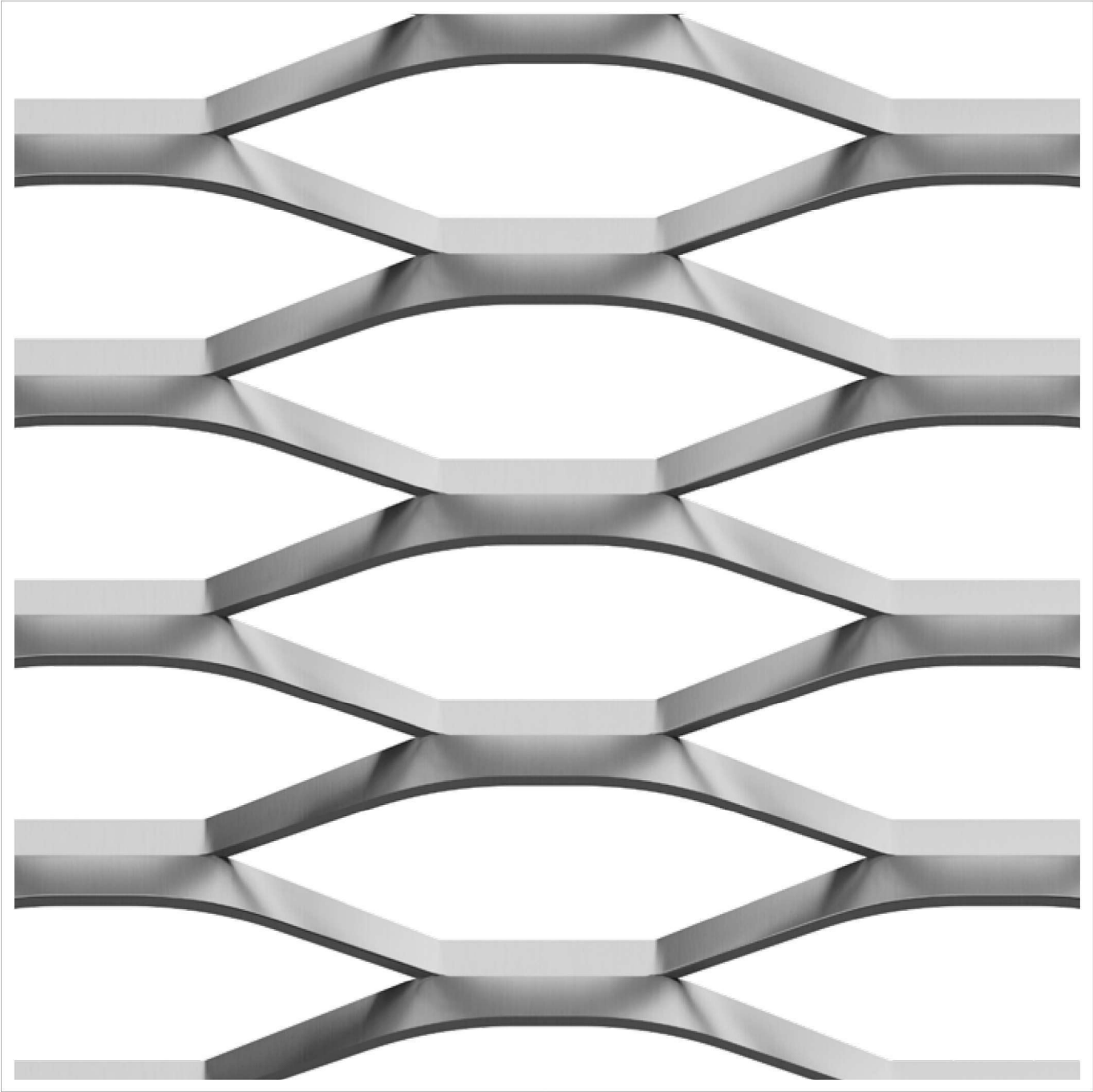
Technical data

Mesh shape	Mesh LWD [mm]	Thickness [mm]	Total thickness [mm]	Dimension Hmax/LWD [mm]	Weight $\boxtimes$ [kg/mq]	Weight [kg/mq]	Front Open Area % (*)	Max Open Area % (*)
RHOMBOIDAL	115	1,5	~ 20	2500	3,2	9,3	23	61
	115	2	~ 20	2500	4,3	12,5	23	61
	115	3	~ 20	2500	6,4	18,7	23	61

$\boxtimes$ ALUMINUM / $\boxtimes$ MILD STEEL, GALVANIZED STEEL AND STAINLESS STEEL

* Other thicknesses available upon request

JUMEIRAH XS



[1:1]

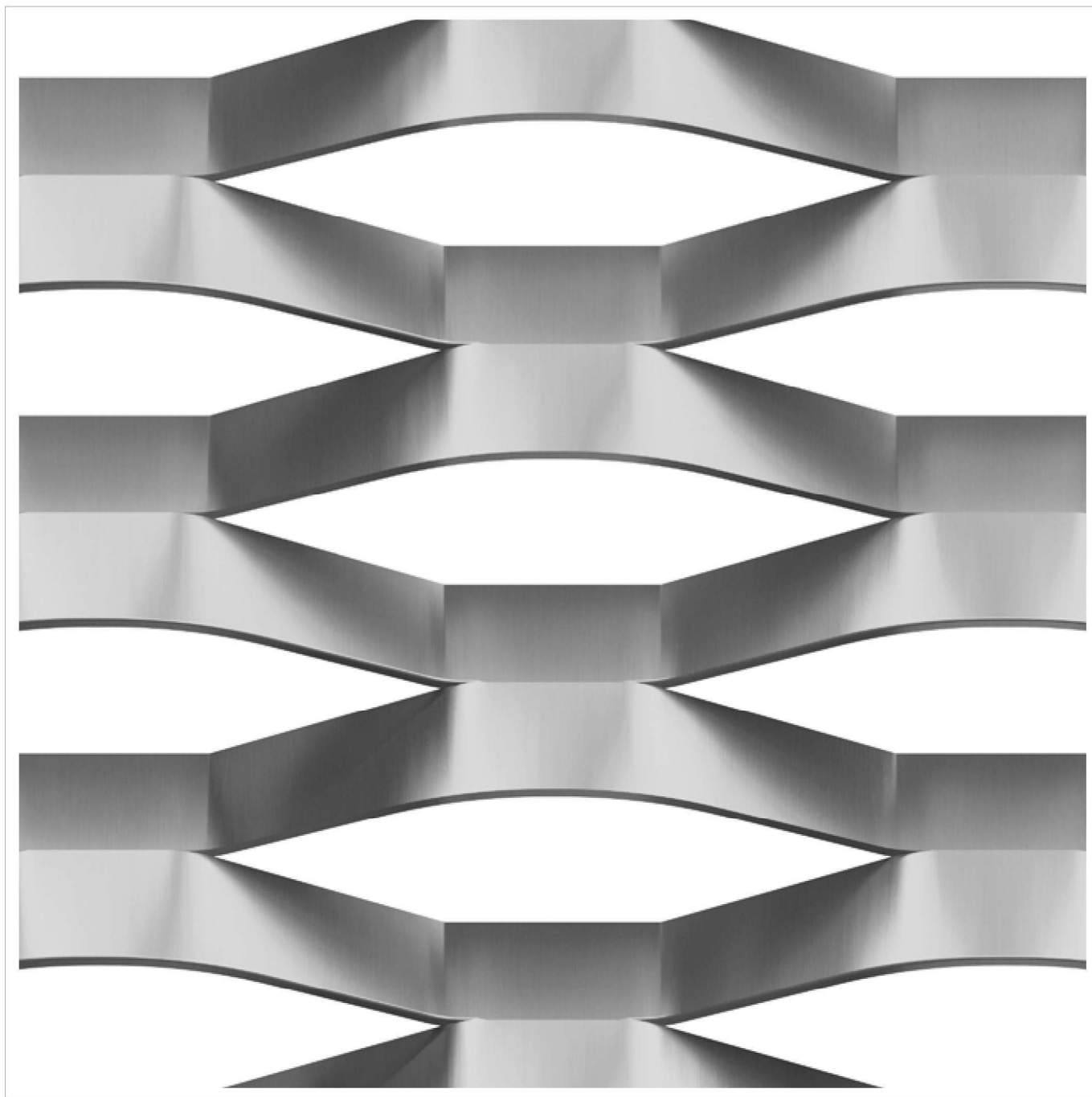
Technical data

Mesh shape	Mesh LWD [mm]	Thickness [mm]	Total thickness [mm]	Dimension Hmax/LWD [mm]	Weight $\boxtimes$ [kg/mq]	Weight $\boxtimes$ [kg/mq]	Front Open Area % (*)	Max Open Area % (*)
HEXAGONAL	150	1,5	~ 17	3000	2,0	5,9	62	84
	150	2	~ 17	3000	2,7	7,9	62	84

$\boxtimes$ ALUMINUM / $\boxtimes$ MILD STEEL, GALVANIZED STEEL AND STAINLESS STEEL

* Other thicknesses available upon request

JUMEIRAH



[1:1]

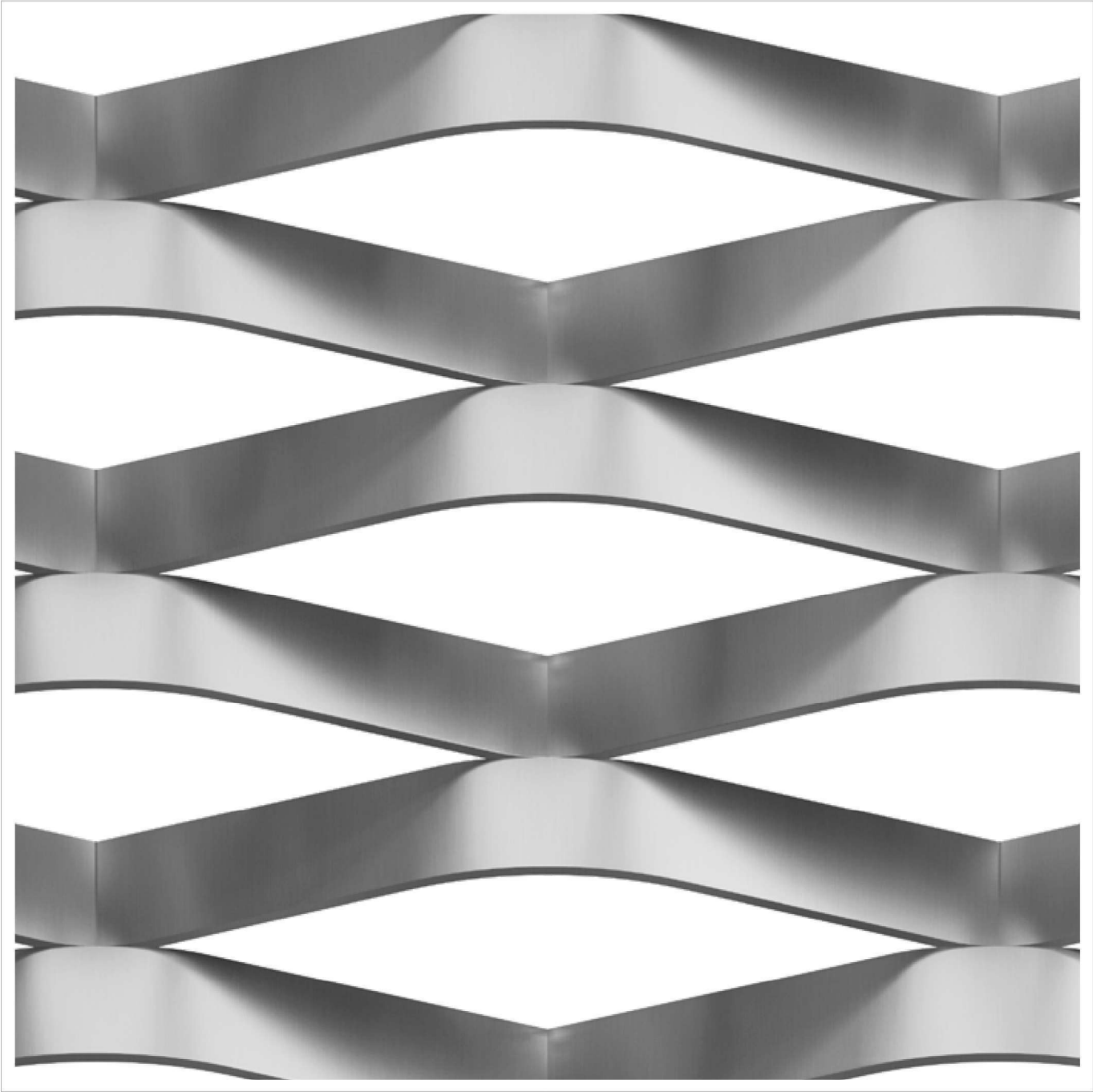
Technical data

Mesh shape	Mesh LWD [mm]	Thickness [mm]	Total thickness [mm]	Dimension Hmax/LWD [mm]	Weight $\boxtimes$ [kg/mq]	Weight $\boxtimes$ [kg/mq]	Front Open Area % (*)	Max Open Area % (*)
HEXAGONAL	150	1,5	~ 24	3000	3,0	8,8	33	76
	150	2	~ 24	3000	4,1	11,8	33	76
	150	3	~ 24	3000	6,1	17,7	33	76

$\boxtimes$ ALUMINUM / $\boxtimes$ MILD STEEL, GALVANIZED STEEL AND STAINLESS STEEL

* Other thicknesses available upon request

PASADENA



[1:1]

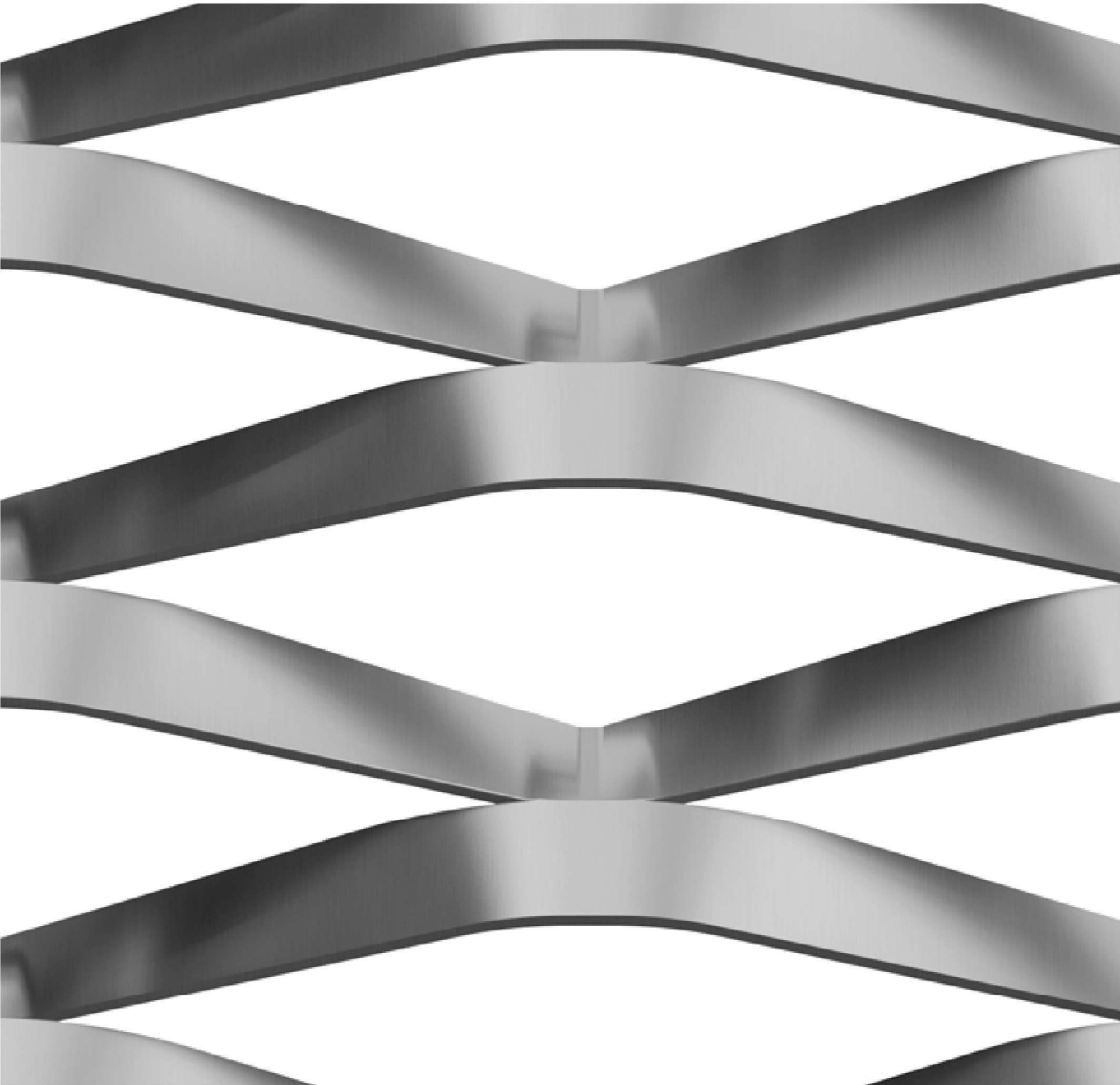
Technical data

Mesh shape	Mesh LWD [mm]	Thickness [mm]	Total thickness [mm]	Dimension Hmax/LWD [mm]	Weight [kg/mq]	Weight [kg/mq]	Front Open Area % (*)	Max Open Area % (*)
RHOMBOIDAL	150	1,5	~ 28	2500	2,9	8,4	31	67
	150	2	~ 28	2500	3,8	11,2	31	67
	150	3	~ 28	2500	5,7	16,7	31	67

ALUMINUM / MILD STEEL, GALVANIZED STEEL AND STAINLESS STEEL

* Other thicknesses available upon request

BROADWAY



[1:1]

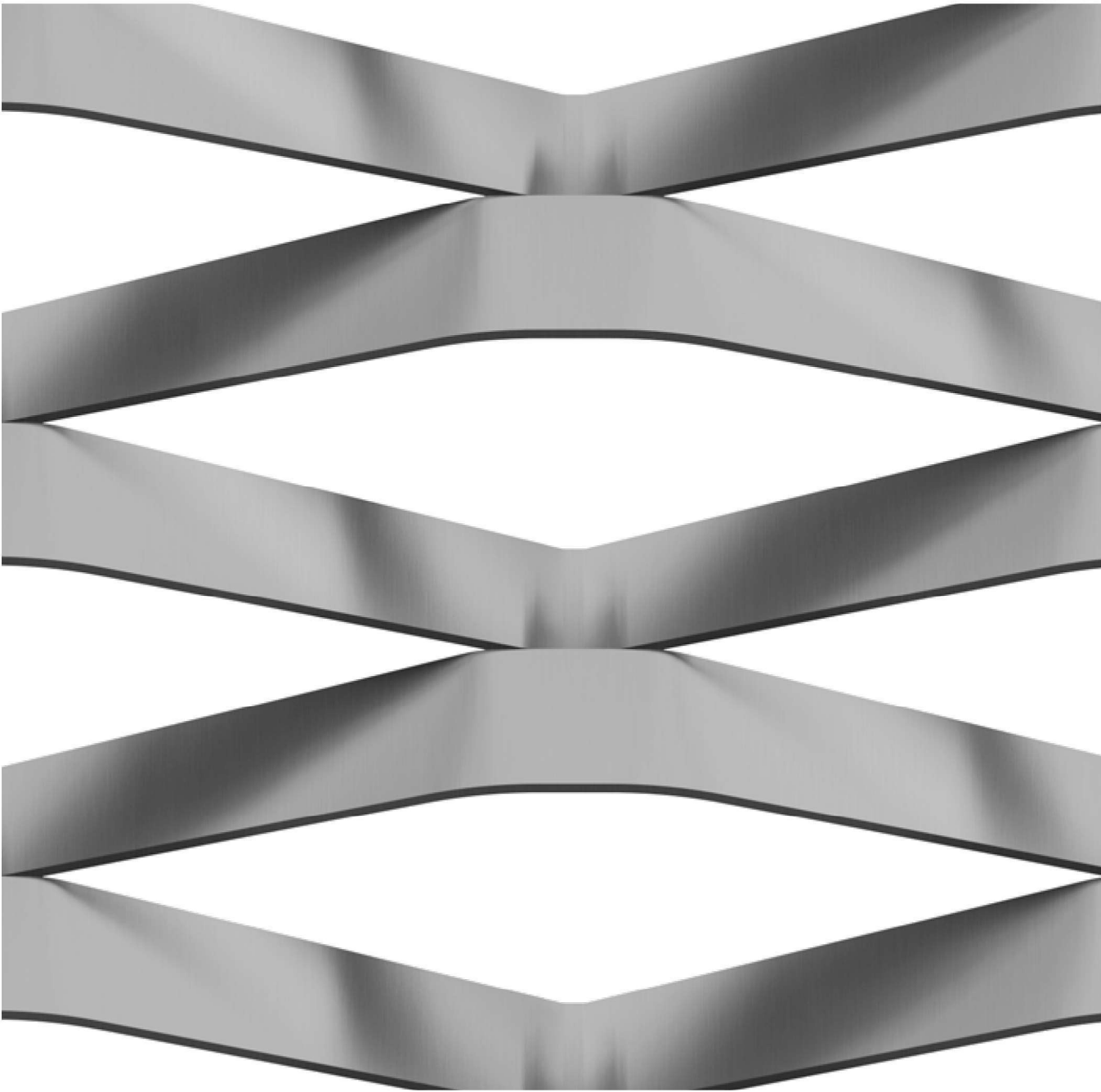
Technical data

Mesh shape	Mesh LWD [mm]	Thickness [mm]	Total thickness [mm]	Dimension Hmax/LWD [mm]	Weight $\varnothing$ [kg/mq]	Weight $\varnothing$ [kg/mq]	Front Open Area % (*)	Max Open Area % (*)
RHOMBOIDAL	200	1,5	~ 30	3000	2,4	7,0	49	83
	200	2	~ 30	3000	3,2	9,4	49	83
	200	3	~ 30	3000	4,8	14,1	49	83

$\varnothing$ ALUMINUM / $\varnothing$ MILD STEEL, GALVANIZED STEEL AND STAINLESS STEEL

* Other thicknesses available upon request

BROADWAY XL



[1:1]

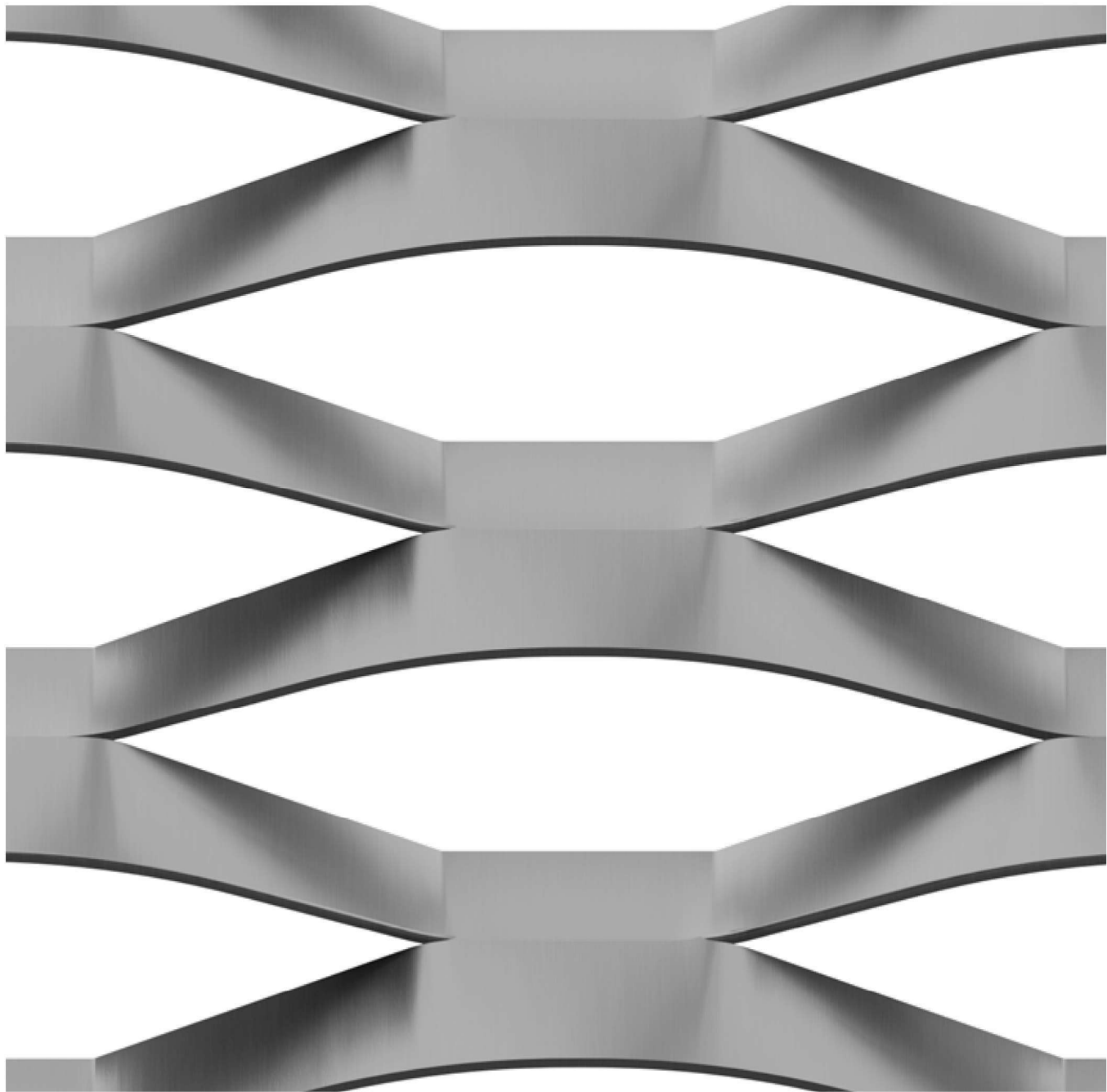
Technical data

Mesh shape	Mesh LWD [mm]	Thickness [mm]	Total thickness [mm]	Dimension Hmax/LWD [mm]	Weight $\boxtimes$ [kg/mq]	Weight $\boxtimes$ [kg/mq]	Front Open Area % (*)	Max Open Area % (*)
RHOMBOIDAL	200	1,5	~ 35	3000	2,8	8,1	41	82
	200	2	~ 35	3000	3,7	10,8	41	82
	200	3	~ 35	3000	5,5	16,2	41	82

$\boxtimes$ ALUMINUM / $\boxtimes$ MILD STEEL, GALVANIZED STEEL AND STAINLESS STEEL

* Other thicknesses available upon request

JEREZ XS



[1:1]

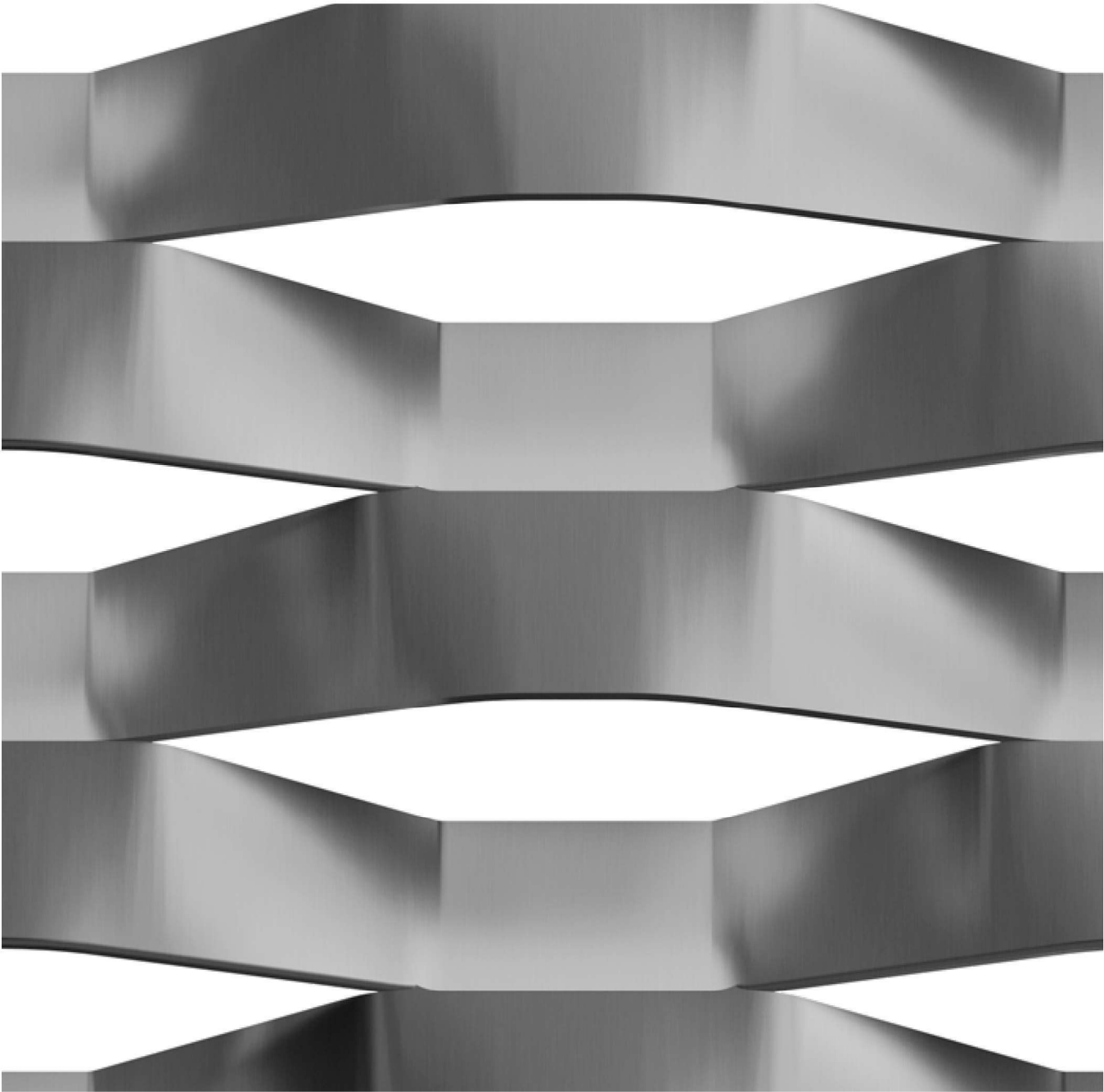
Technical data

Mesh shape	Mesh LWD [mm]	Thickness [mm]	Total thickness [mm]	Dimension Hmax/LWD [mm]	Weight $\boxtimes$ [kg/mq]	Weight $\boxtimes$ [kg/mq]	Front Open Area % (*)	Max Open Area % (*)
HEXAGONAL	200	1,5	~ 30	3000	2,5	7,1	53	74
	200	2	~ 30	3000	3,3	9,5	53	74
	200	3	~ 30	3000	4,9	14,3	53	74

$\boxtimes$ ALUMINUM / $\boxtimes$ MILD STEEL, GALVANIZED STEEL AND STAINLESS STEEL

* Other thicknesses available upon request

JEREZ



[1:1]

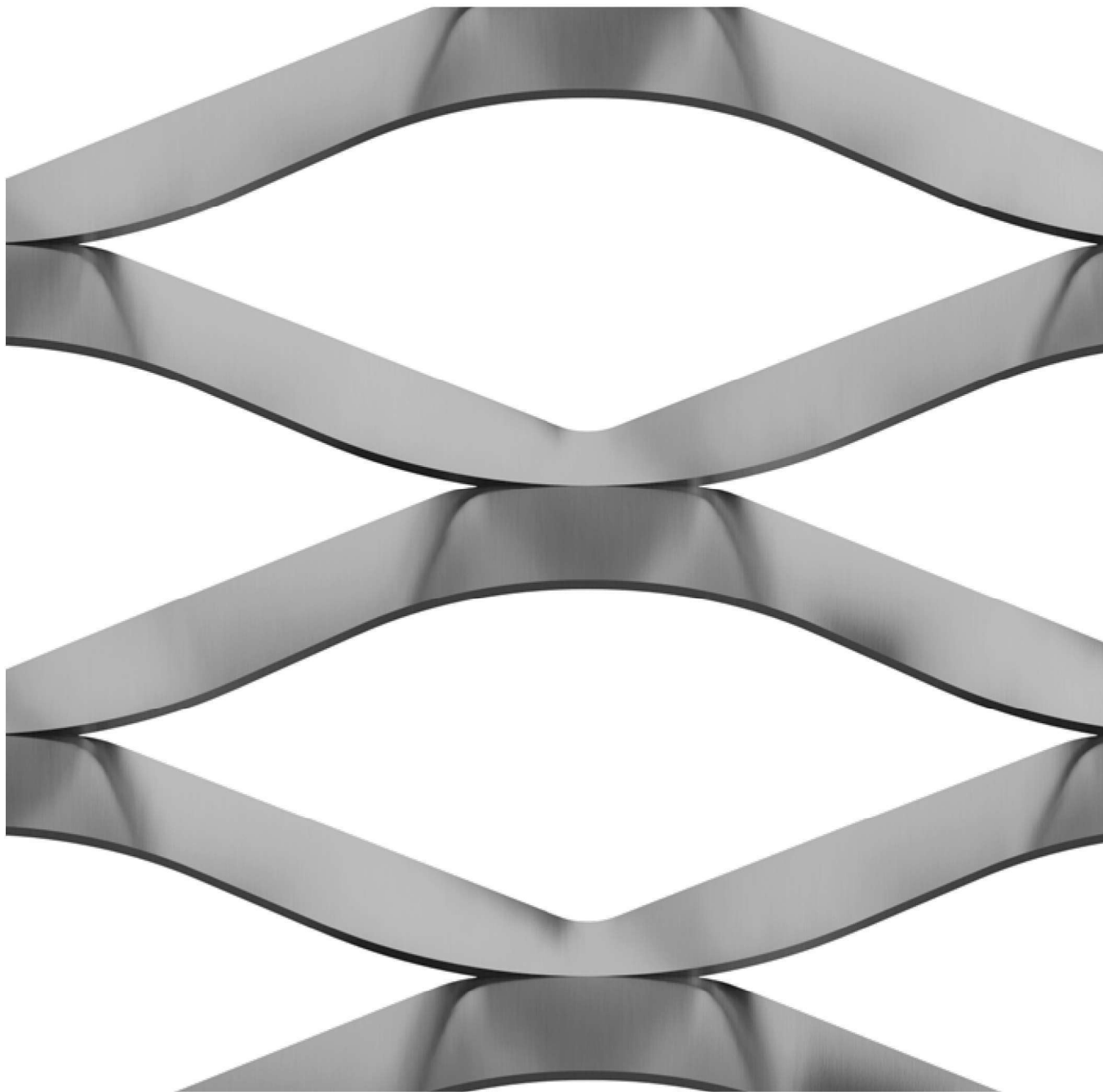
Technical data

Mesh shape	Mesh LWD [mm]	Thickness [mm]	Total thickness [mm]	Dimension Hmax/LWD [mm]	Weight $\boxtimes$ [kg/mq]	Weight $\boxtimes$ [kg/mq]	Front Open Area % (*)	Max Open Area % (*)
HEXAGONAL	200	1,5	~ 30	3000	3,3	9,7	22	66
	200	2	~ 30	3000	4,5	13,0	22	66
	200	3	~ 30	3000	6,7	19,5	22	66

$\boxtimes$ ALUMINUM / $\boxtimes$ MILD STEEL, GALVANIZED STEEL AND STAINLESS STEEL

* Other thicknesses available upon request

SKYLINE



[1:1]

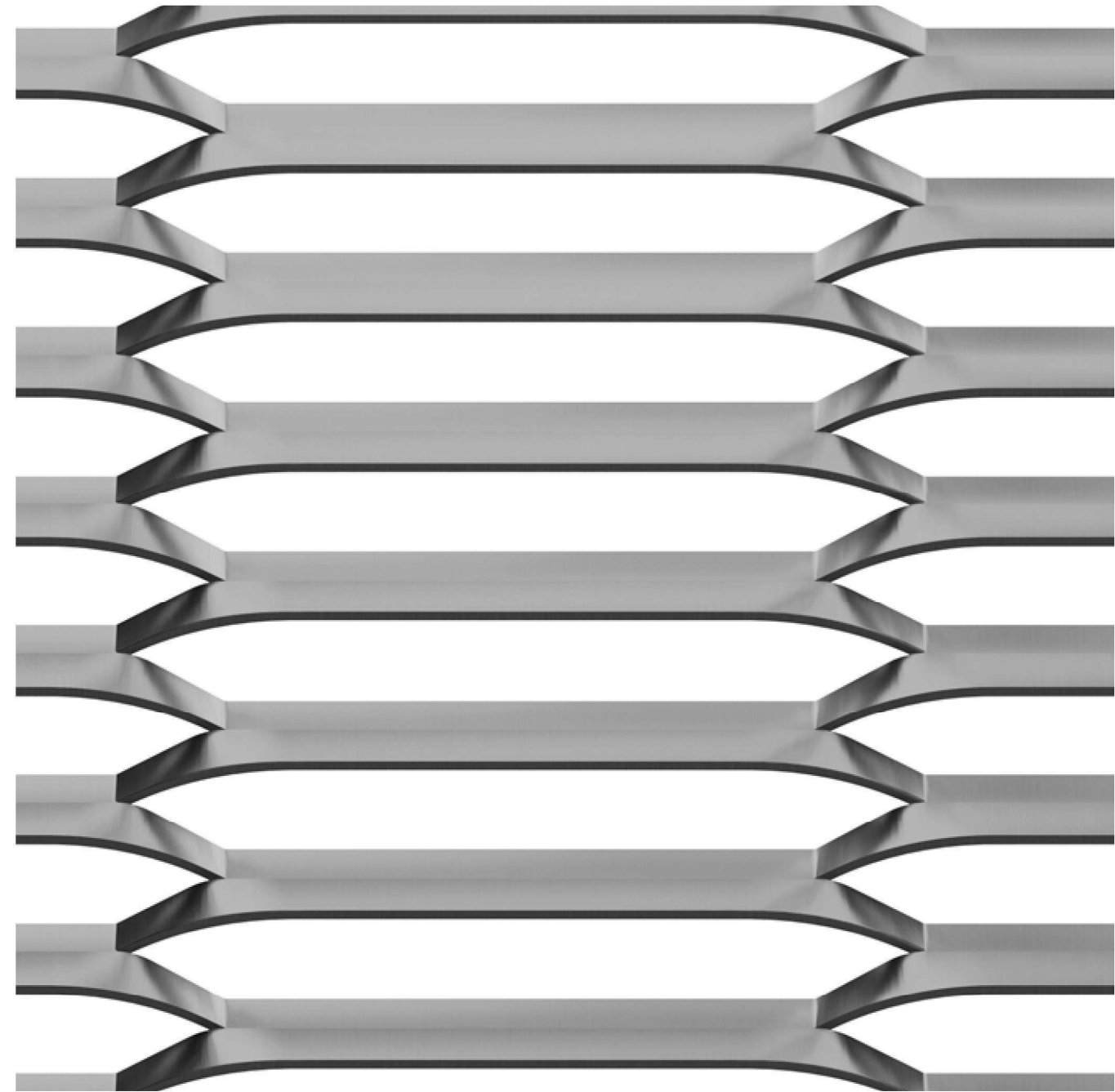
Technical data

Mesh shape	Mesh LWD [mm]	Thickness [mm]	Total thickness [mm]	Dimension Hmax/LWD [mm]	Weight $\boxtimes$ [kg/mq]	Weight $\boxtimes$ [kg/mq]	Front Open Area % (*)	Max Open Area % (*)
RHOMBOIDAL	200	1,5	~ 40	3000	2,6	7,5	46	75
	200	2	~ 40	3000	3,4	9,9	46	75
	200	3	~ 40	3000	5,1	14,9	46	75

$\boxtimes$ ALUMINUM / $\boxtimes$ MILD STEEL, GALVANIZED STEEL AND STAINLESS STEEL

* Other thicknesses available upon request

BERG XS



[1:1]

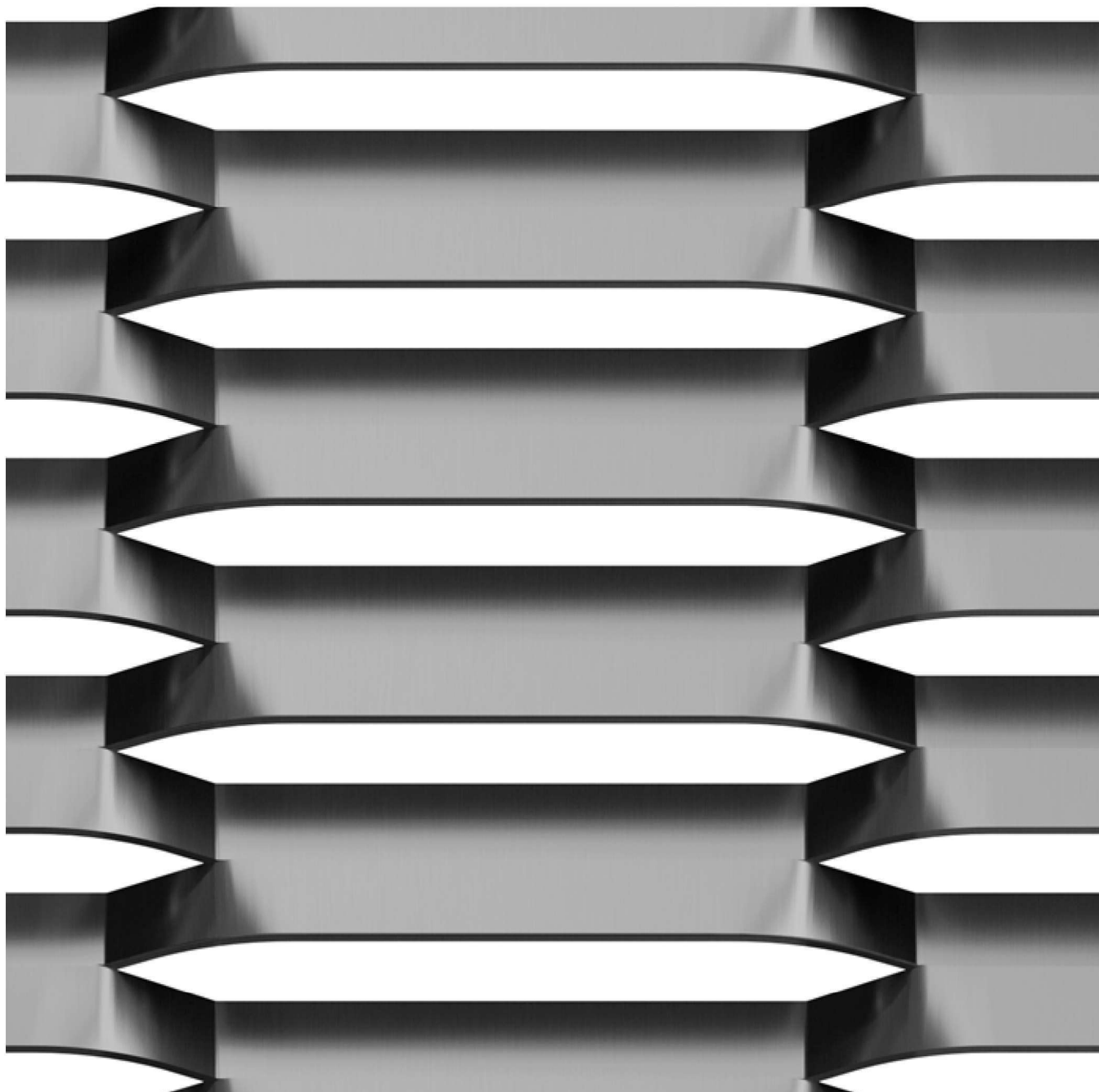
Technical data

Mesh shape	Mesh LWD [mm]	Thickness [mm]	Total thickness [mm]	Dimension Hmax//LWD [mm]	Weight $\boxtimes$ [kg/mq]	Weight $\boxtimes$ [kg/mq]	Front Open Area % (*)	Max Open Area % (*)
HEXAGONAL	225	1,5	~ 19	2000	2,5	7,4	53	82
	225	2	~ 19	2000	3,4	9,8	53	82
	225	3	~ 19	2000	5,1	14,7	53	82

$\boxtimes$ ALUMINUM / $\boxtimes$ MILD STEEL, GALVANIZED STEEL AND STAINLESS STEEL

* Other thicknesses available upon request

BERG



[1:1]

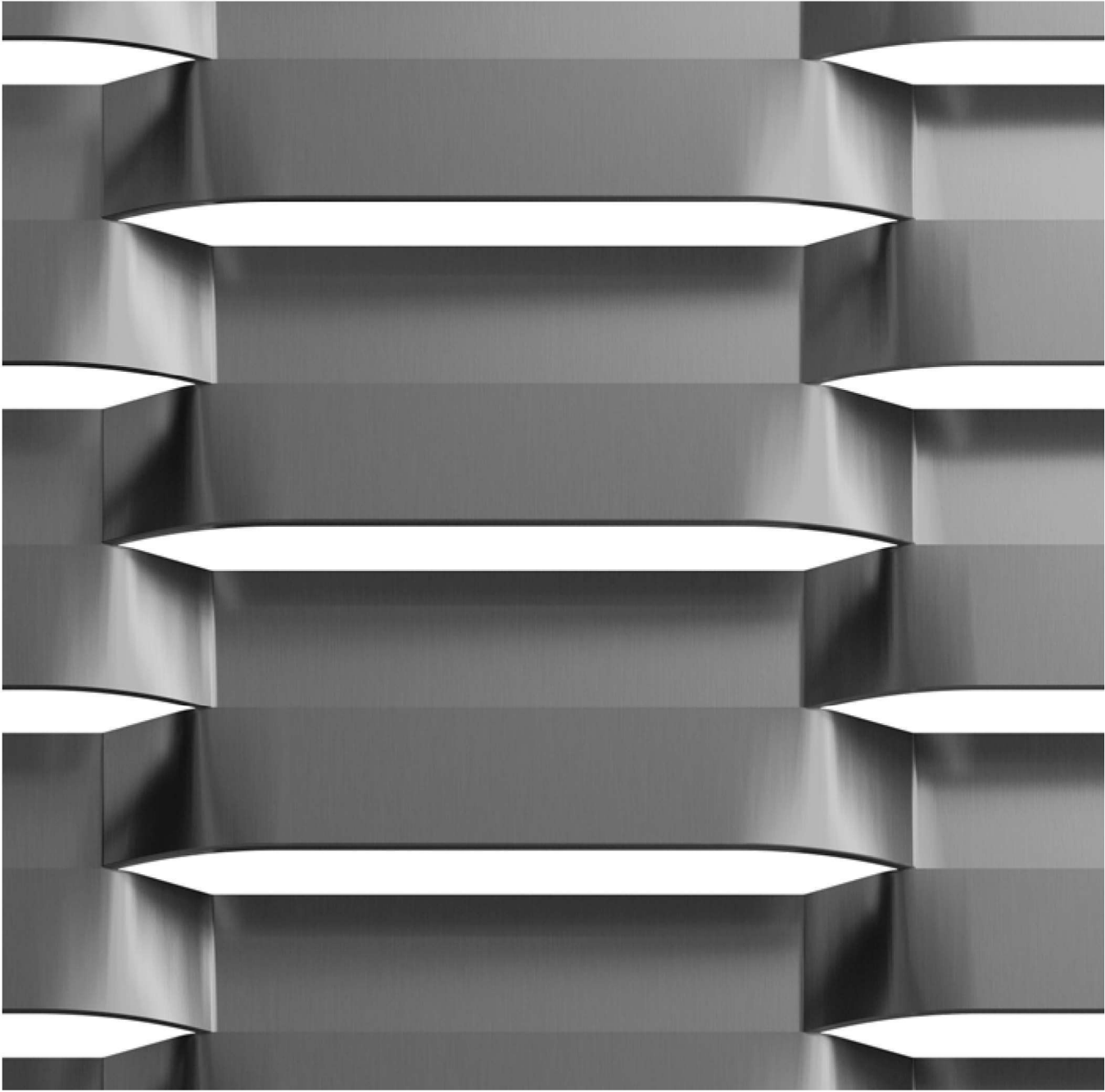
Technical data

Mesh shape	Mesh LWD [mm]	Thickness [mm]	Total thickness [mm]	Dimension Hmax/LWD [mm]	Weight $\boxtimes$ [kg/mq]	Weight $\boxtimes$ [kg/mq]	Front Open Area % (*)	Max Open Area % (*)
HEXAGONAL	225	1,5	~ 17	2000	3,5	10,1	28	79
	225	2	~ 17	2000	4,6	13,5	28	79
	225	3	~ 17	2000	6,9	20,2	28	79

 $\boxtimes$ ALUMINUM / $\boxtimes$ MILD STEEL, GALVANIZED STEEL AND STAINLESS STEEL

* Other thicknesses available upon request

BERG XL



[1:1]

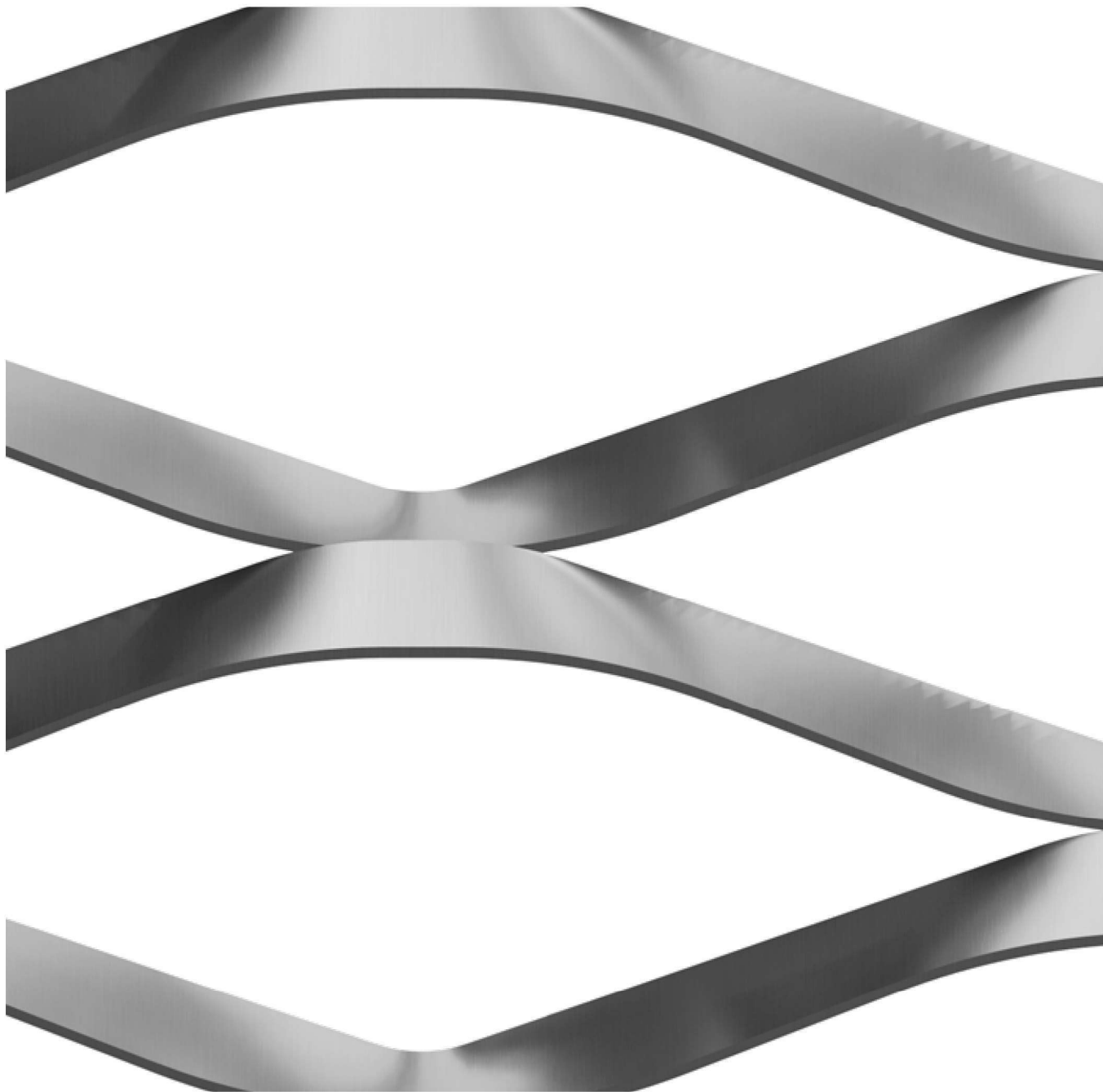
Technical data

Mesh shape	Mesh LWD [mm]	Thickness [mm]	Total thickness [mm]	Dimension Hmax/LWD [mm]	Weight $\boxtimes$ [kg/mq]	Weight $\boxtimes$ [kg/mq]	Front Open Area % (*)	Max Open Area % (*)
HEXAGONAL	225	1,5	~ 18	2000	3,7	10,9	11	77
	225	2	~ 18	2000	5,0	14,5	11	77

$\boxtimes$ ALUMINUM / $\boxtimes$ MILD STEEL, GALVANIZED STEEL AND STAINLESS STEEL

* Other thicknesses available upon request

MANHATTAN XS



[1:1]

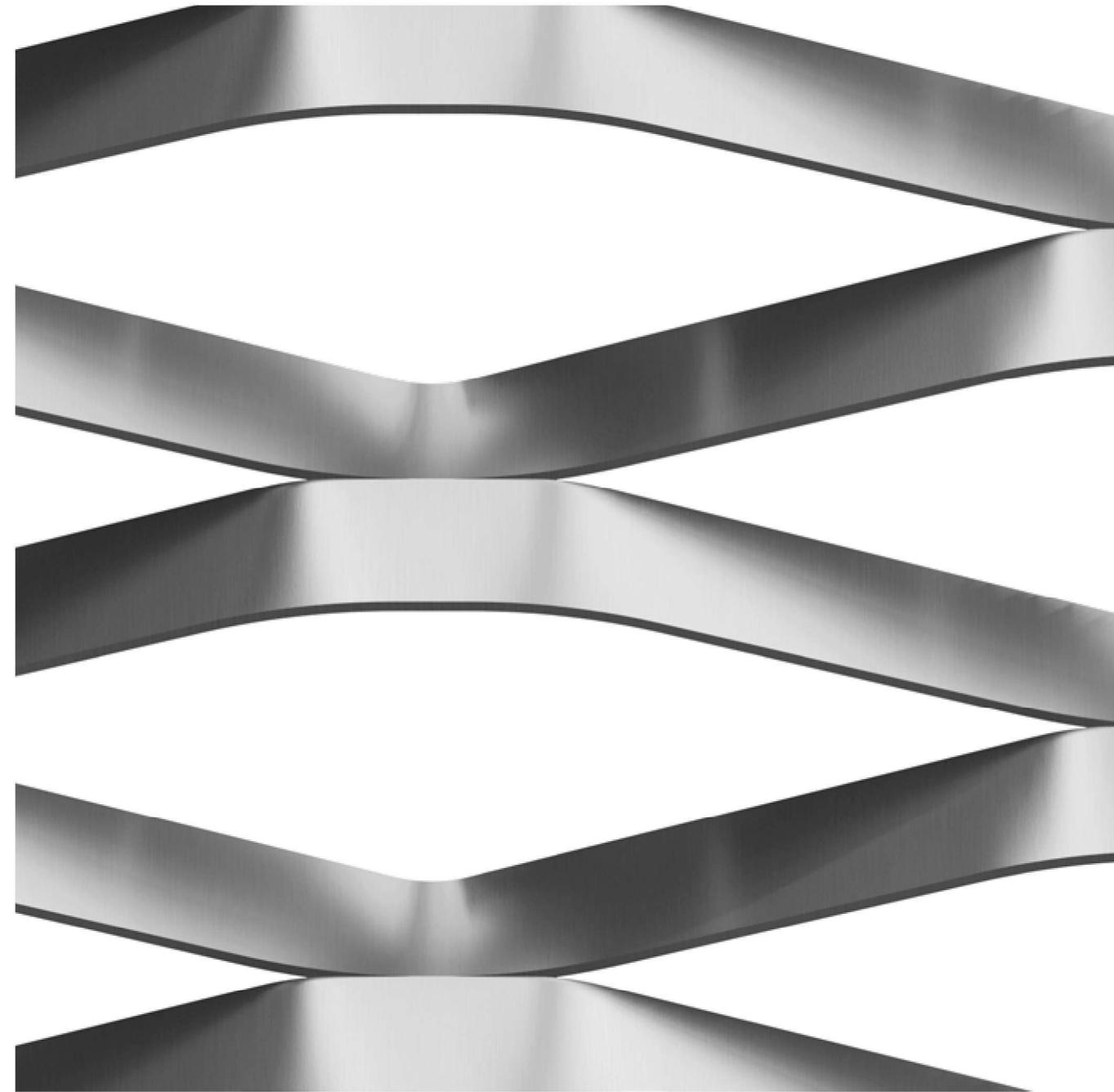
Technical data

Mesh shape	Mesh LWD [mm]	Thickness [mm]	Total thickness [mm]	Dimension Hmax/LWD [mm]	Weight $\boxtimes$ [kg/mq]	Weight $\boxtimes$ [kg/mq]	Front Open Area % (*)	Max Open Area % (*)
RHOMBOIDAL	250	1,5	~ 33	3000	1,8	5,4	64	86
	250	2	~ 33	3000	2,5	7,2	64	86
	250	3	~ 33	3000	3	10,7	64	86

$\boxtimes$ ALUMINUM / $\boxtimes$ MILD STEEL, GALVANIZED STEEL AND STAINLESS STEEL

* Other thicknesses available upon request

MANHATTAN



[1:1]

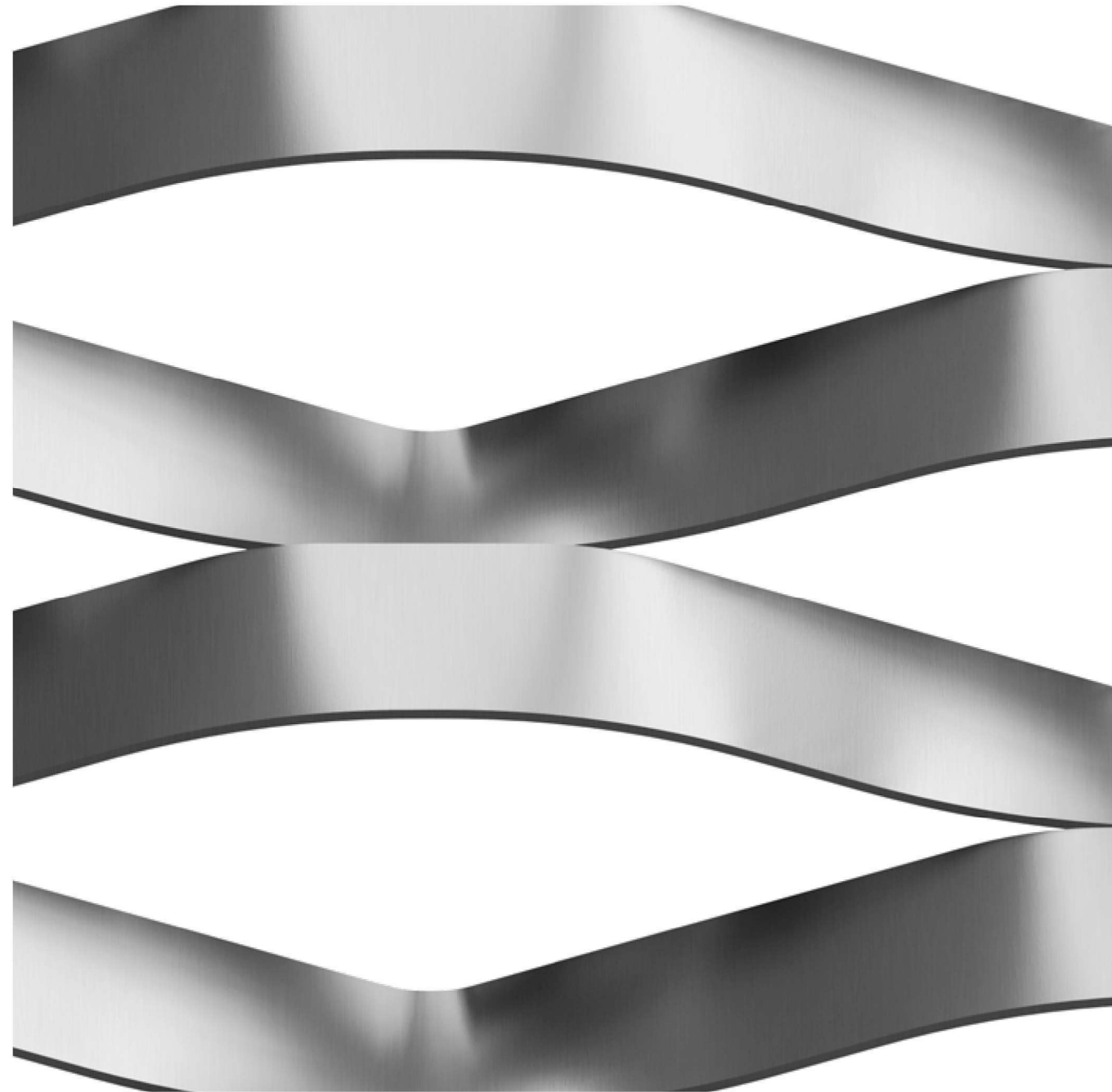
Technical data

Mesh shape	Mesh LWD [mm]	Thickness [mm]	Total thickness [mm]	Dimension Hmax/LWD [mm]	Weight $\boxtimes$ [kg/mq]	Weight $\boxtimes$ [kg/mq]	Front Open Area % (*)	Max Open Area % (*)
RHOMBOIDAL	250	1,5	~ 34	3000	2,5	7,4	56	83
	250	2	~ 34	3000	3,4	9,8	56	83
	250	3	~ 34	3000	5,1	14,7	56	83

$\boxtimes$ ALUMINUM / $\boxtimes$ MILD STEEL, GALVANIZED STEEL AND STAINLESS STEEL

* Other thicknesses available upon request

MANHATTAN XL



[1:1]

Technical data

Mesh shape	Mesh LWD [mm]	Thickness [mm]	Total thickness [mm]	Dimension Hmax/LWD [mm]	Weight $\boxtimes$ [kg/mq]	Weight $\boxtimes$ [kg/mq]	Front Open Area % (*)	Max Open Area % (*)
RHOMBOIDAL	250	1,5	~ 39	3000	2,7	7,9	41	78
	250	2	~ 39	3000	3,6	10,5	41	78
	250	3	~ 39	3000	5,4	15,7	41	78

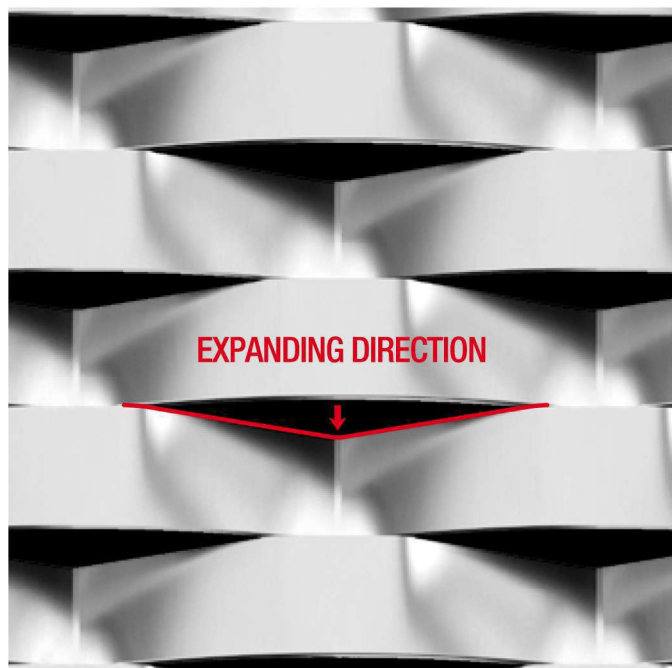
$\boxtimes$ ALUMINUM / $\boxtimes$ MILD STEEL, GALVANIZED STEEL AND STAINLESS STEEL

* Other thicknesses available upon request

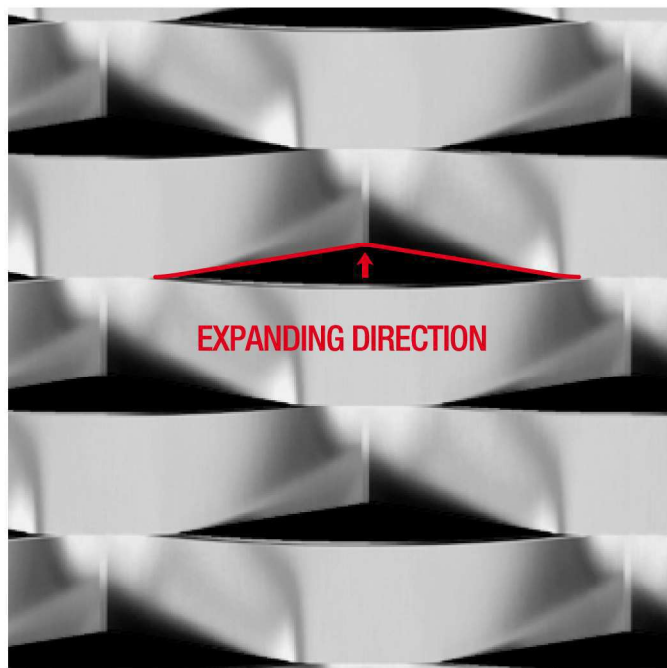
The 4 sides of expanded metal

Side **A**

SMOOTH SIDE



SMOOTH SIDE

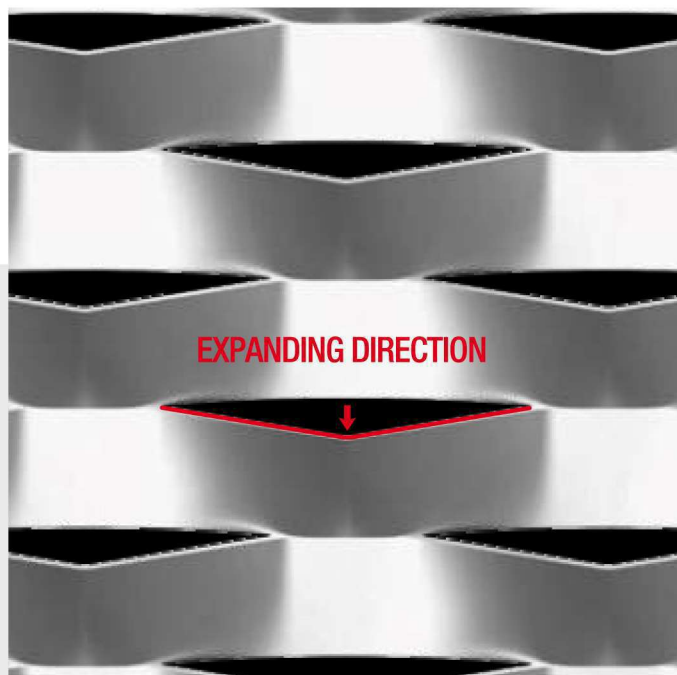


A SIDE in expanding direction (smooth side).

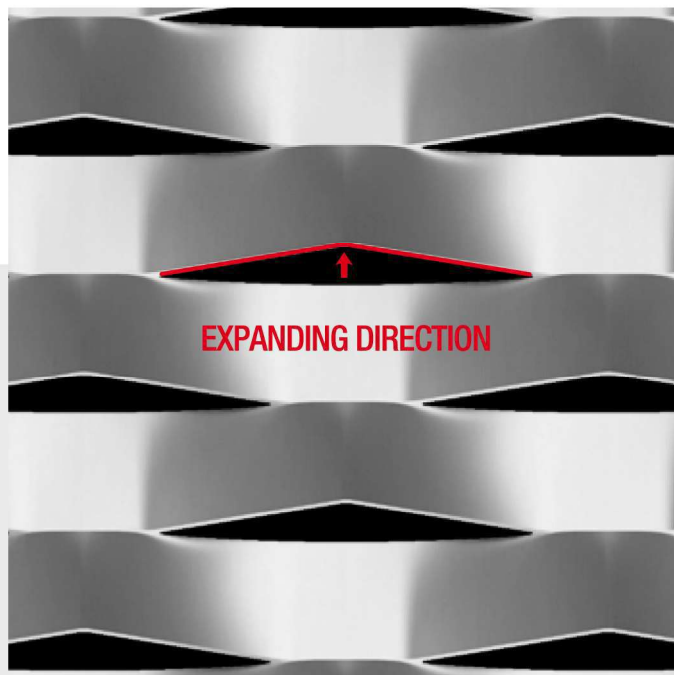
A SIDE against expanding direction.

Side **B**

ROUGH SIDE



ROUGH SIDE



B SIDE in expanding direction (rough side).

B SIDE against expanding direction.

TEHNOMARKET d.o.o.

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