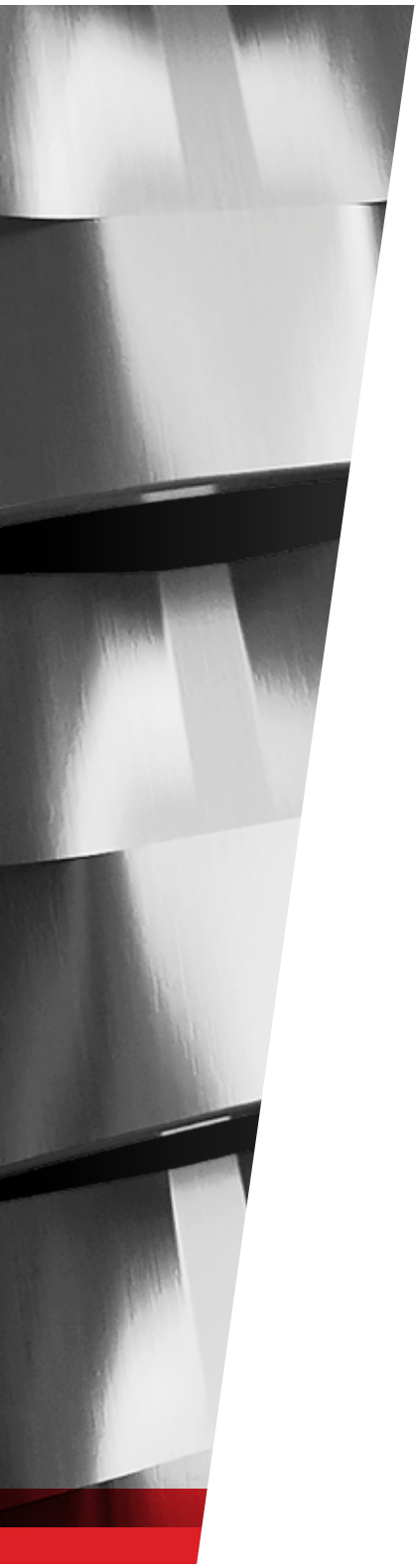
EXPANDED METAL

ISTEGNUTI METAL

METAL
TEHNOLOGIJA



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.

UVOD

Metal Tehnologija d.o.o. je najveći proizvođač istegnutog metala kako u Bosni I Hercegovini, tako i na području Balkana.
Posjedovanje mašina visoke tehnologije i velikog kapaciteta, garantuje visok kvalitet usluge, što nam omogućava da vršimo izvoz u većinu zemalja Evrope. Inače imamo status ovlaštenog izvoznika, što omogućuje našim klijentima olakšan izvoz uz svu potrebnu dokumentaciju.

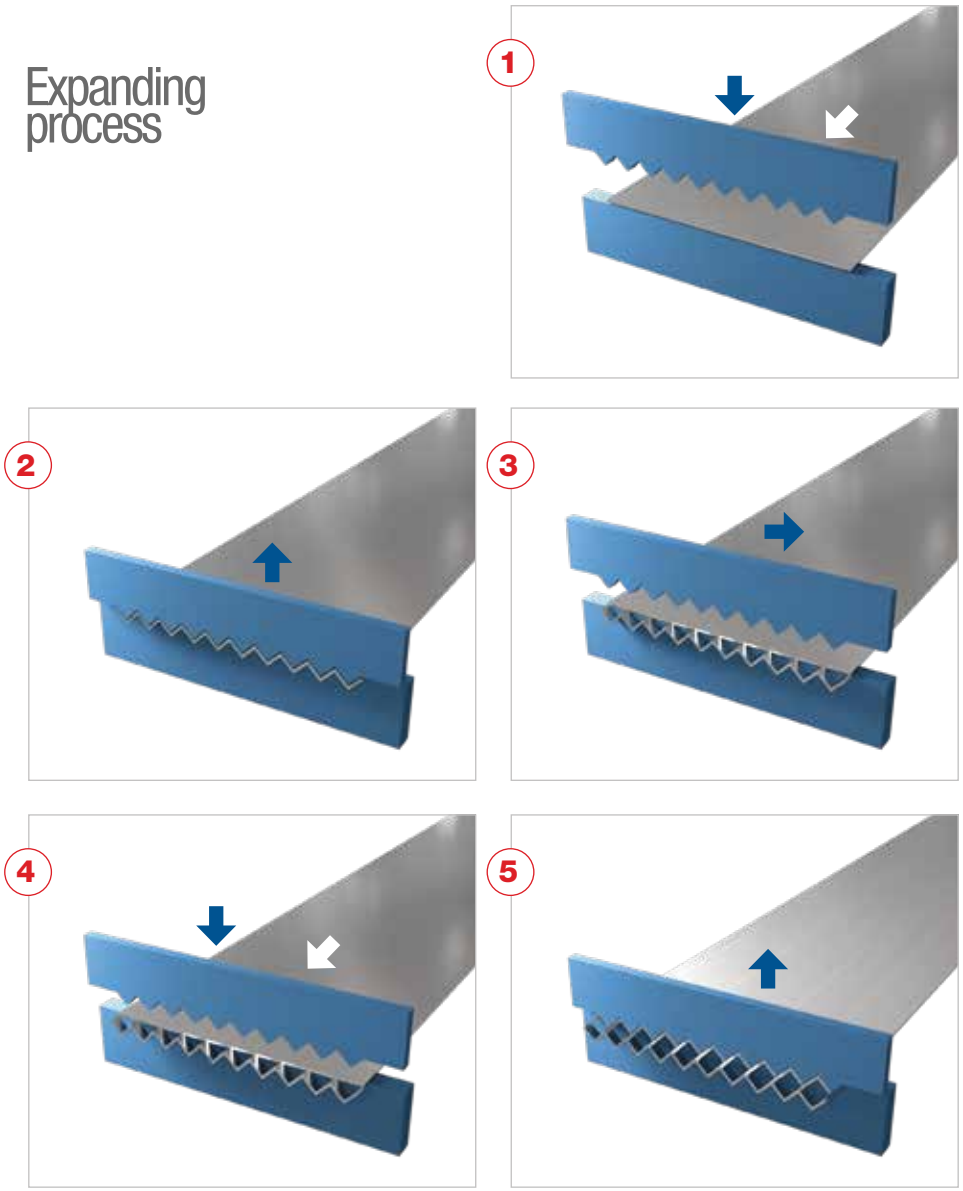
Metal Tehnologija posjeduje certifikat ISO 9001: 2015. Naša proizvodnja je smještena u Derventi (Bosna I Hercegovina), tako da narudžbe, transport i isporuka mogu biti organizovani prema potrebama kupca.

Mreže od istegnutog metala mozemo proizvesti od sledećih materijala: čelika, pocinčanog čelika, inoksa, aluminuma, kortena,…
Dimenzije panela, dimenzija otvora, kao i debljina materijala su podređeni potrebama kupca. Debljine materijala mogu biti od 1 mm do 4mm.

Na našim proizvodima/mrežama smo u mogućnosti ponuditi dodatne usluge kao što su: siječenje na tačnu mjeru, varenje mreže u L ili U profil (zavisno od želje klijenta), savijanje i plastifikaciju prema Ral karti.
O kvalitetu naših proizvoda govore i mnogi projekti koje smo radili širom svijeta, a koje možete pronaći na našem sajtu (www.metaltehnologija.com), Instagramu i Facebook-u.

MREŽA SKYLINE
Lokacija Derventa, Projekat mreže na fasadi i ogradi

Expanding process



TAILOR-MADE PANELS

FLATTENING

HOT-DIP GALVANIZING

RINSING

POWDER COATING

HEAT TREATMENTS

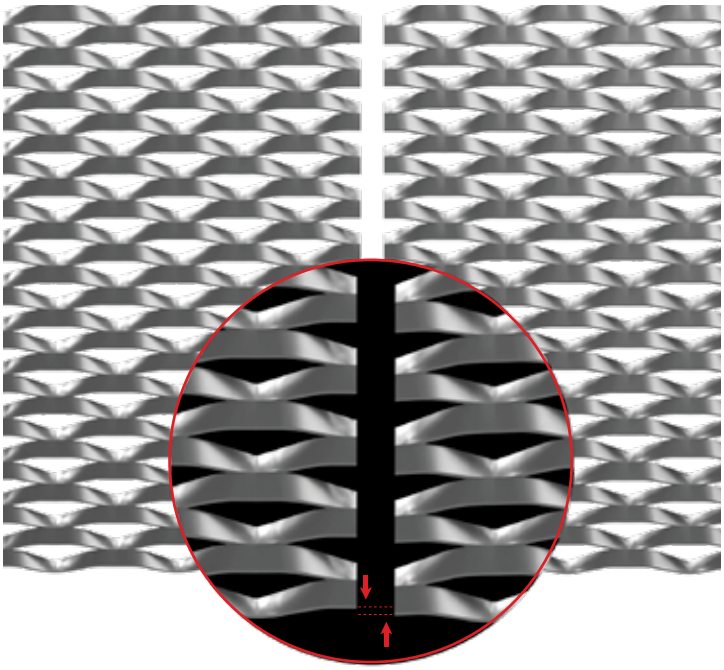
Tolerances

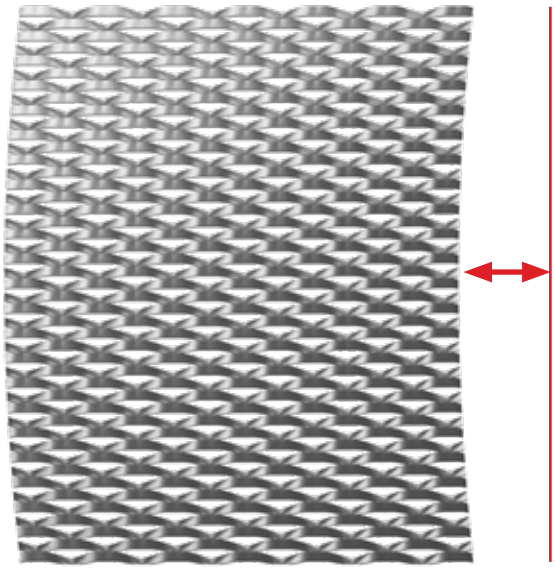
As far as the generic tolerances are concerned, expanded metal is manufactured according to DIN 791 standard. Some specific requirements may always be settled in agreement with the customer.

* 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

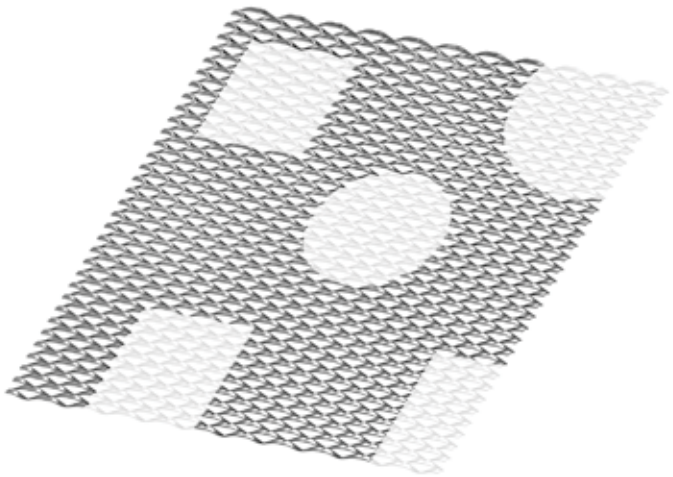


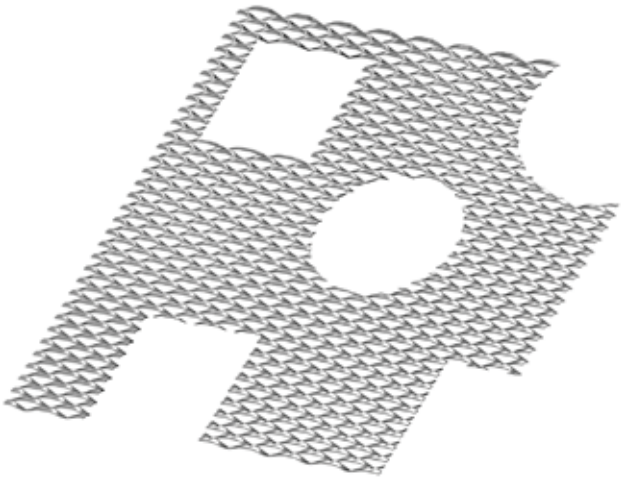


Straightness deviation

Special customized executions

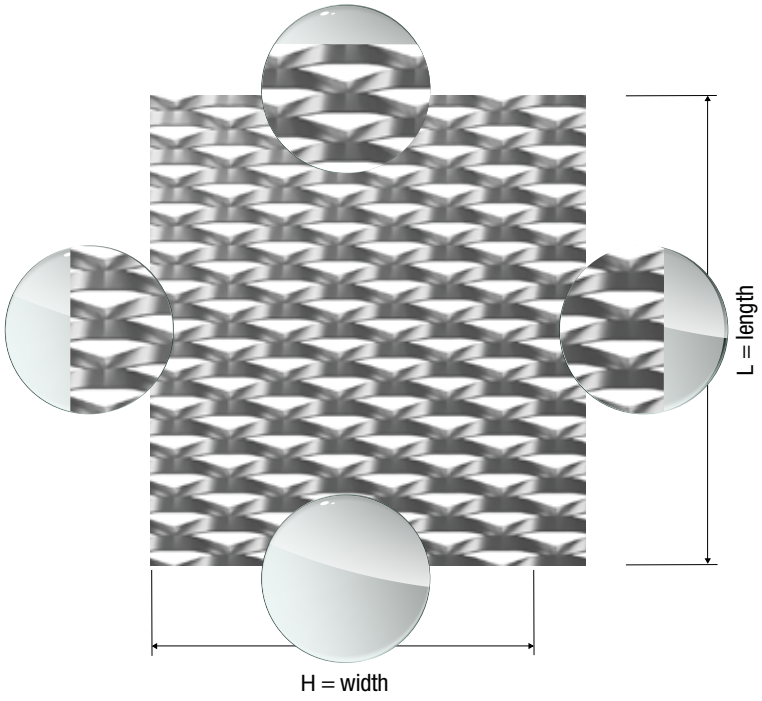
Shape waterjet- or laser-cutting

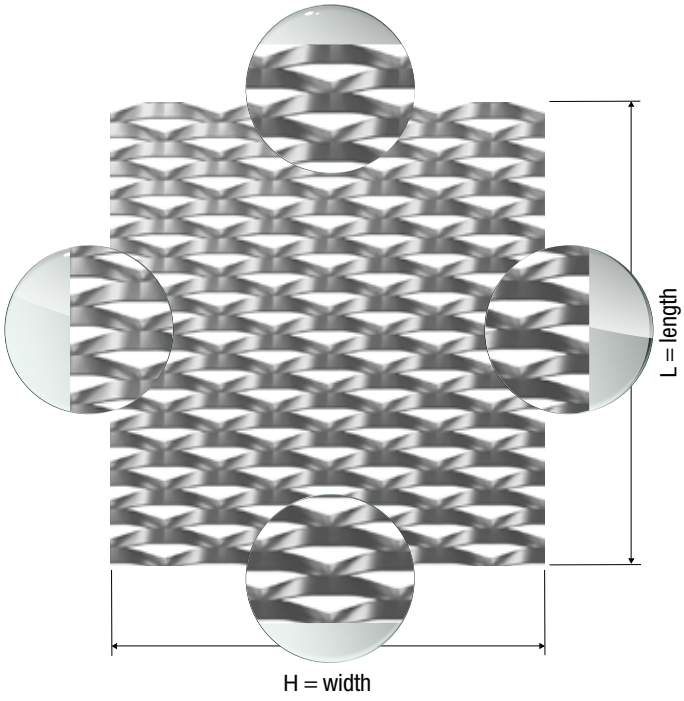


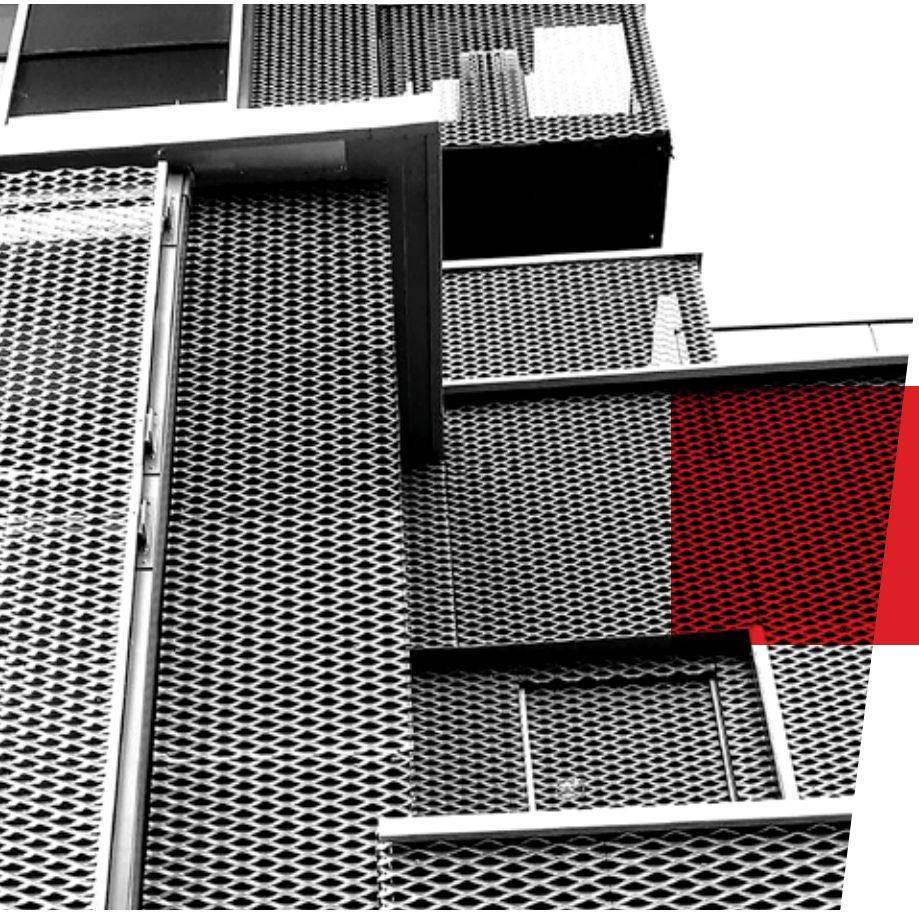


Cutting options

The cutting option depends on a pattern specific features and on the sheets sizes, and can be opted for by the customer on the basis

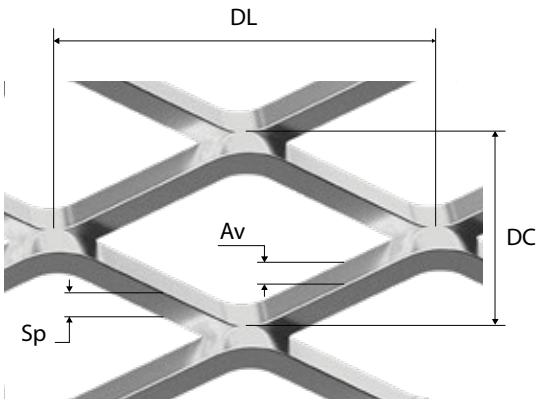






TECHNICAL DATA

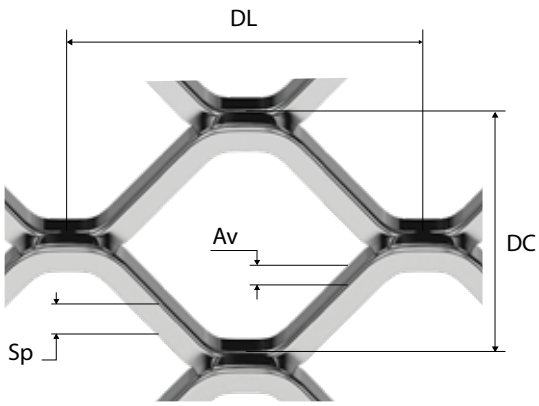
Rhomboidal mesh



Values in mm

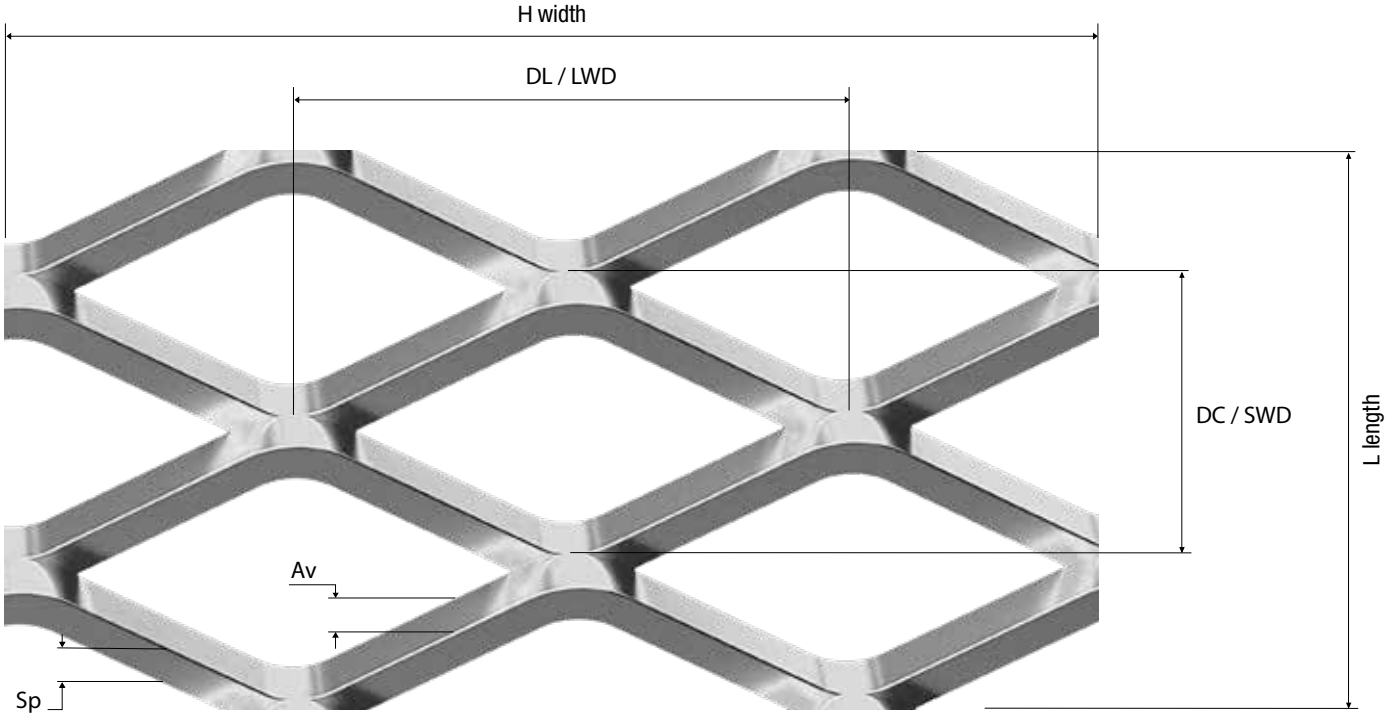
DL:	Long Way Diagonal (LWD)
DC:	Short Way Diagonal (SWD)
Av:	Strand width
Sp:	Thickness
St:	Total thickness
P:	Weight in kg/sqm

Square mesh



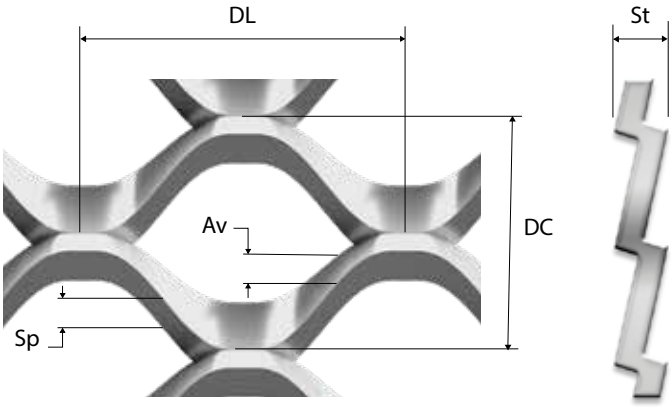
Values in mm

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.

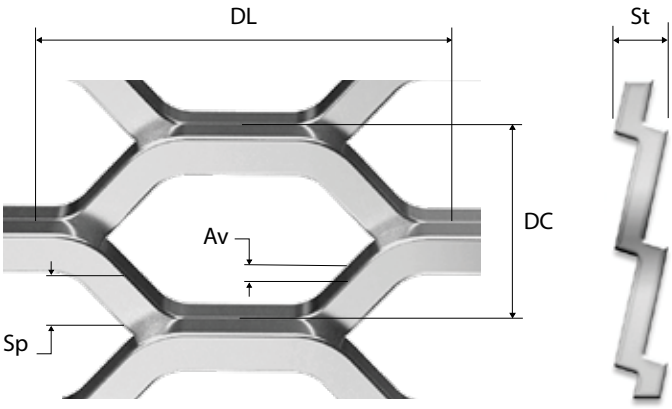
Round mesh



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



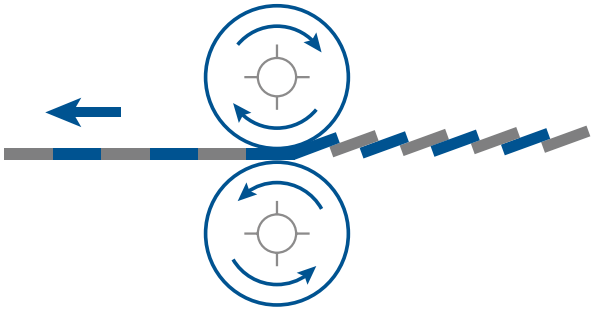
Values in mm

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.

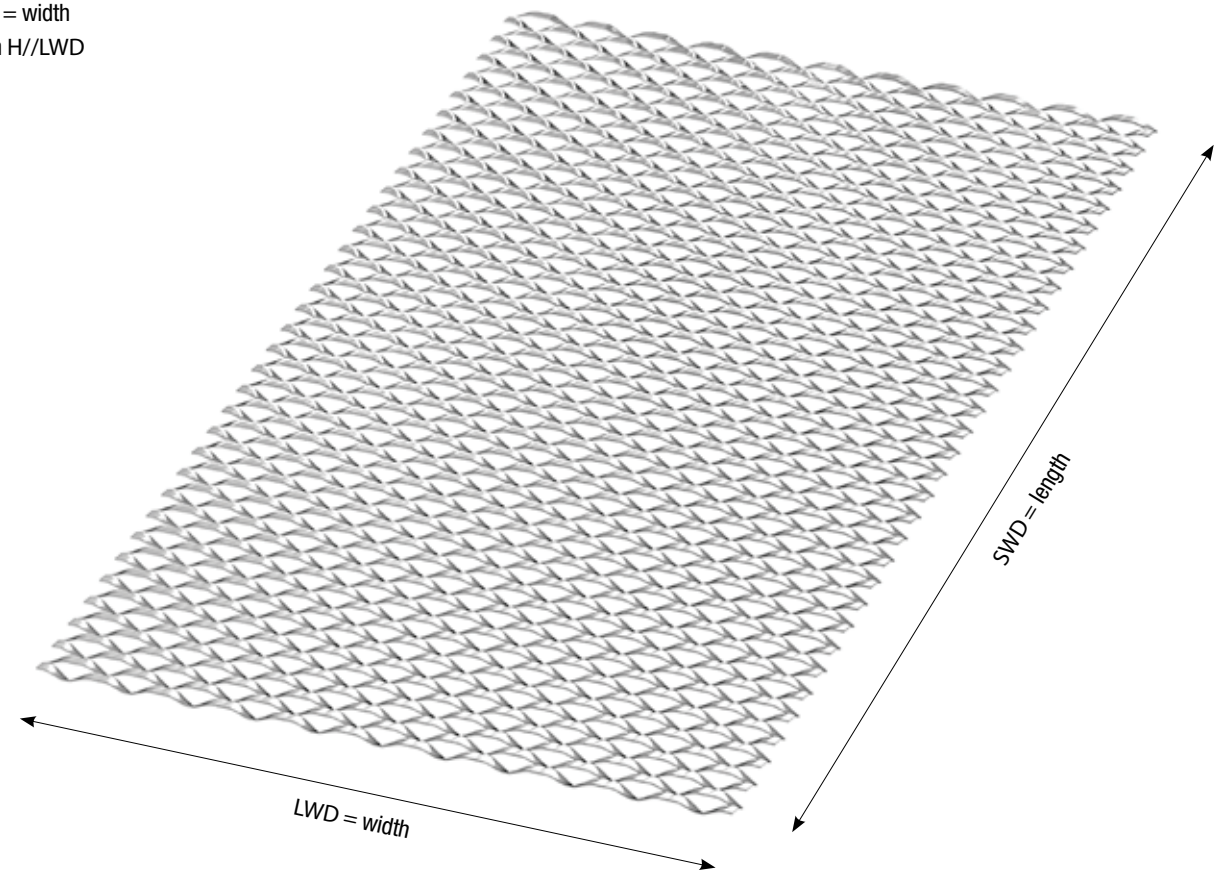
Thickness

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



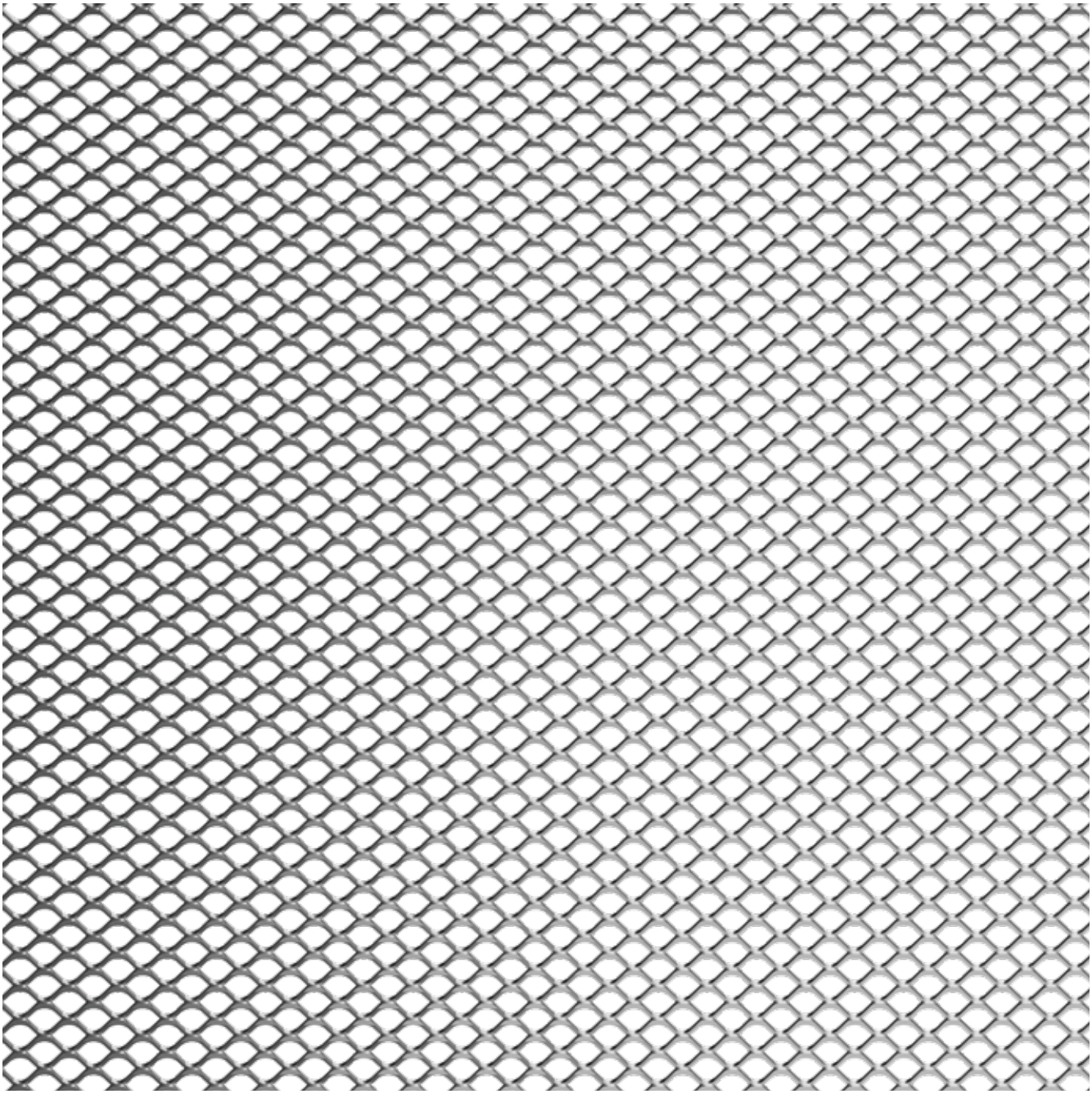
Sheet sizes

SWD = length
LWD = width
Width H//LWD



TIPOVI MREŽA/TYPES OF MESHES

SHIBUYA



[1:1]

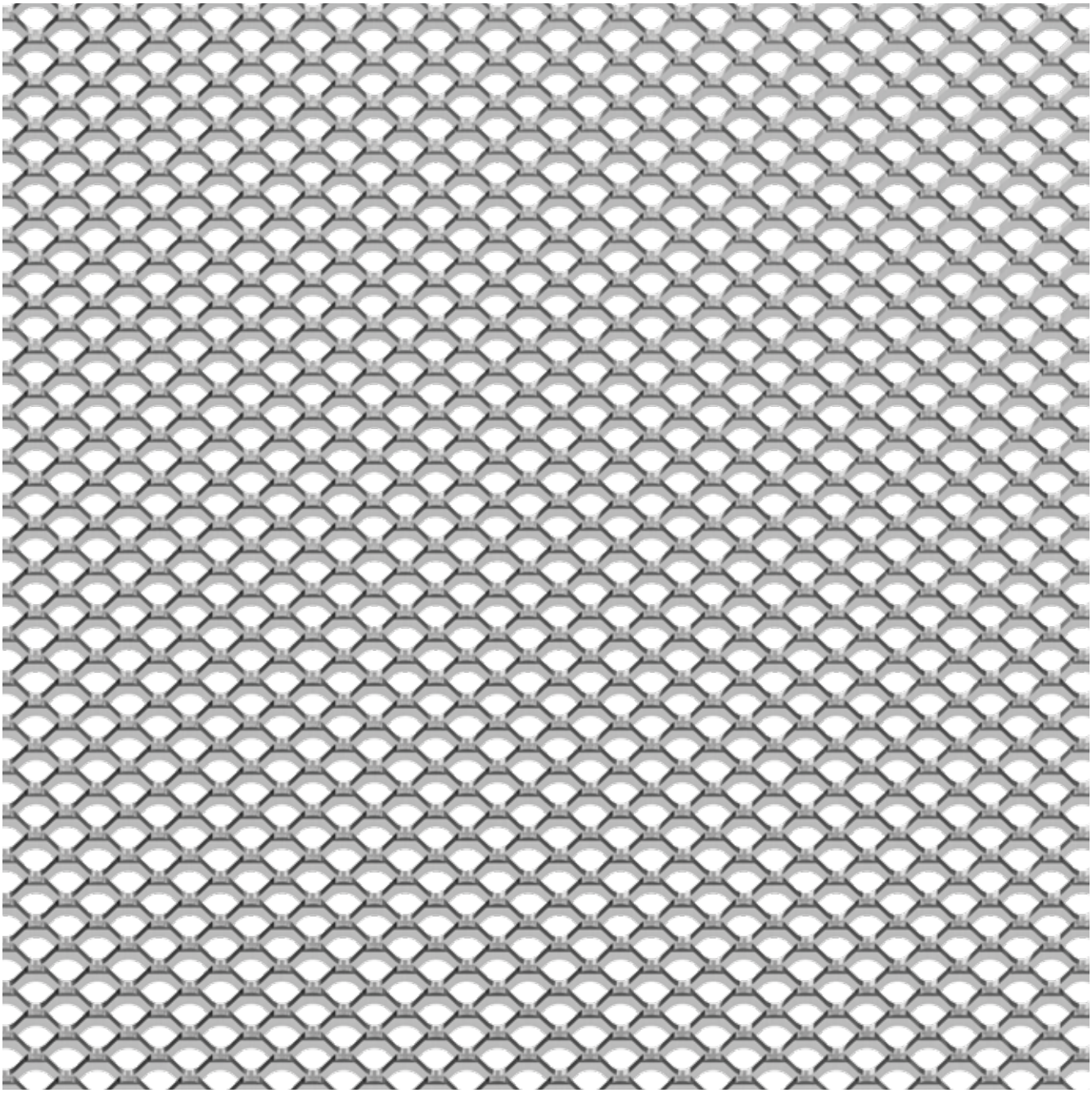
Technical data

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



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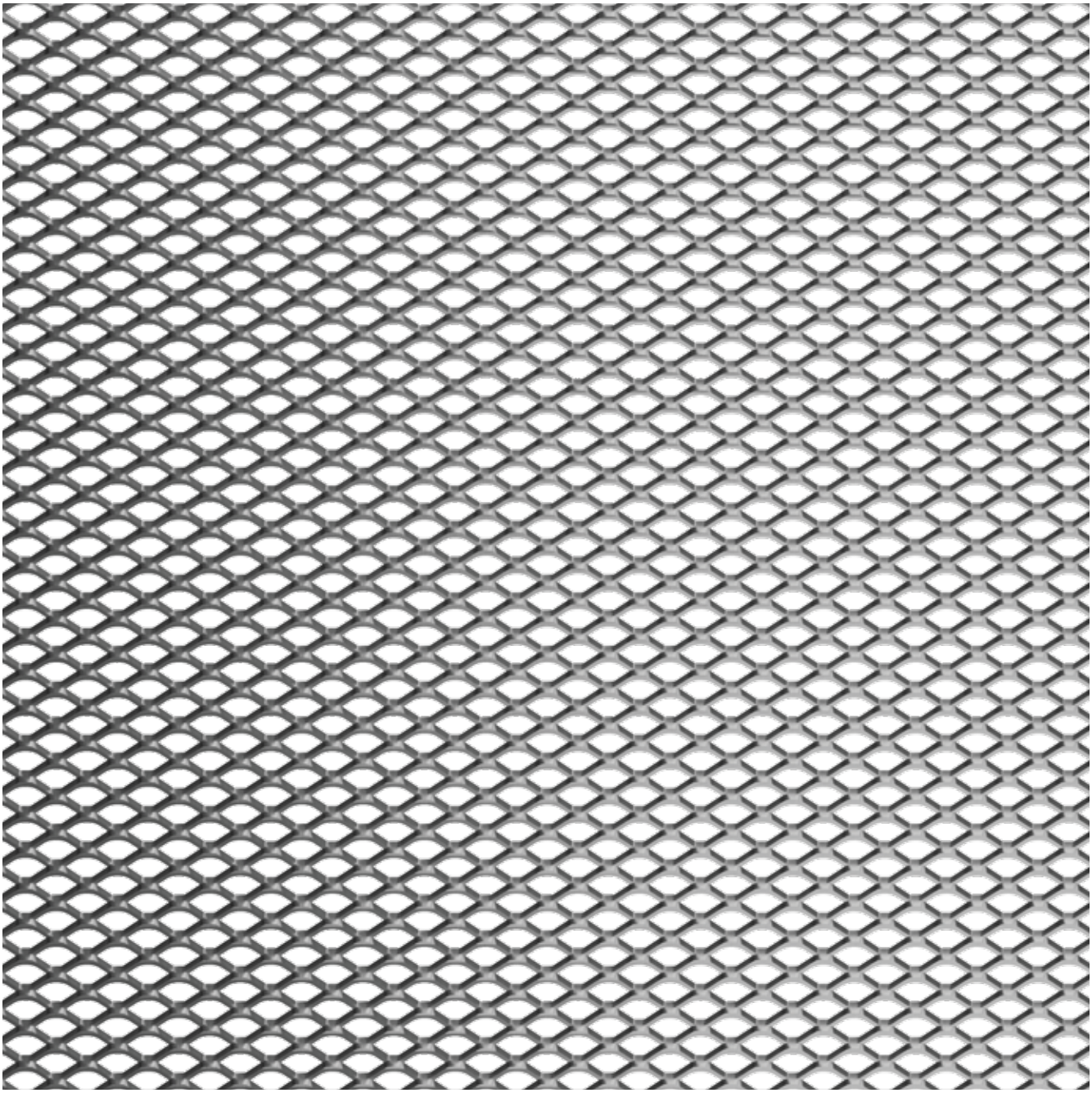
Technical data

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	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

ALUMINUM / MILD STEEL, GALVANIZED STEEL AND STAINLESS STEEL

* Other thicknesses available upon request

LIBRARY



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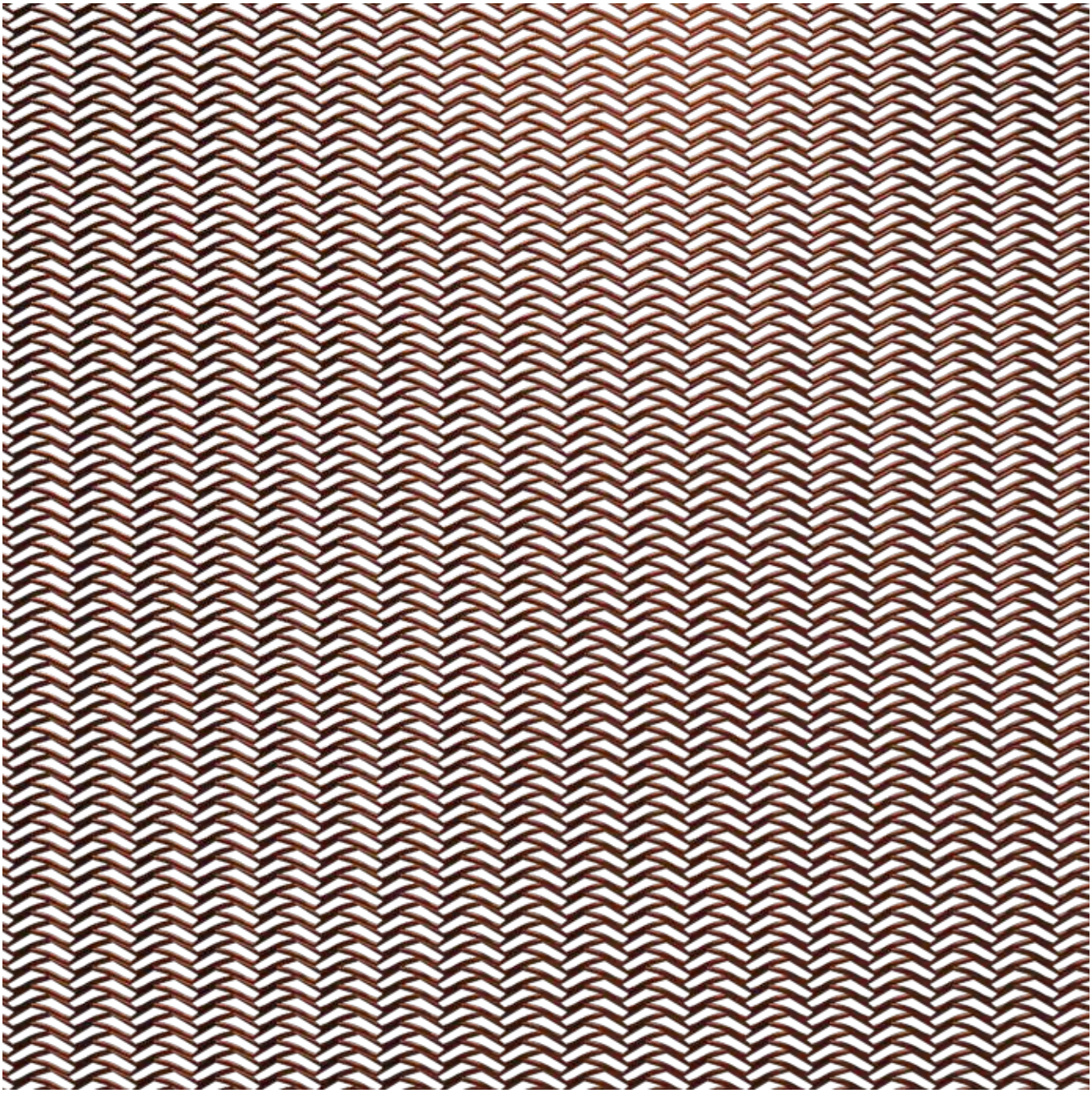
Technical data

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	10	0,8	~ 2	1500	1,0	2,9	48	52

ALUMINUM / MILD STEEL, GALVANIZED STEEL AND STAINLESS STEEL

* Other thicknesses available upon request

TRIBECA



[1:1]

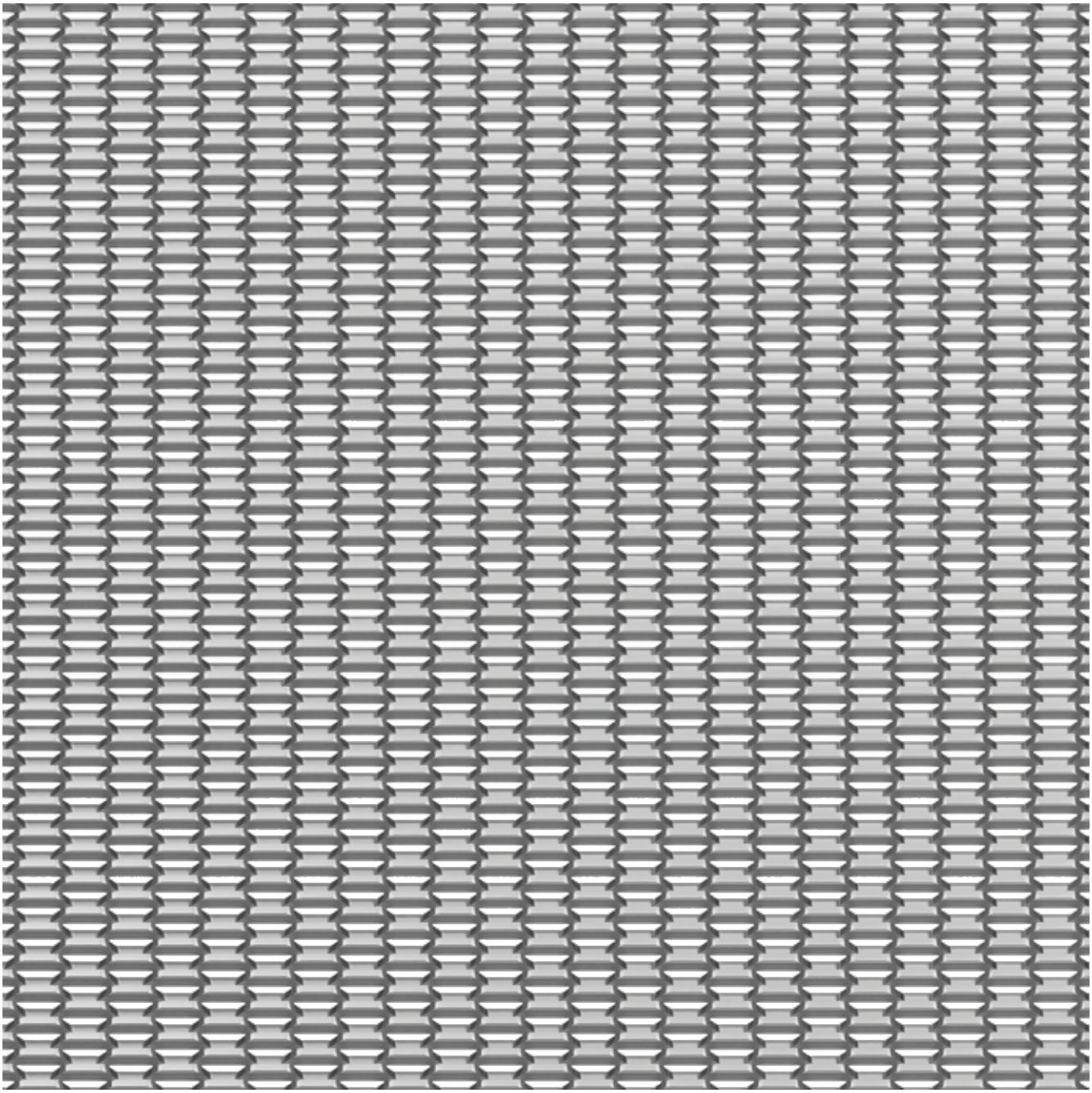
Technical data

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

COPPER / MILD STEEL, GALVANIZED STEEL AND STAINLESS STEEL

* Other thicknesses available upon request

MONTMARTRE



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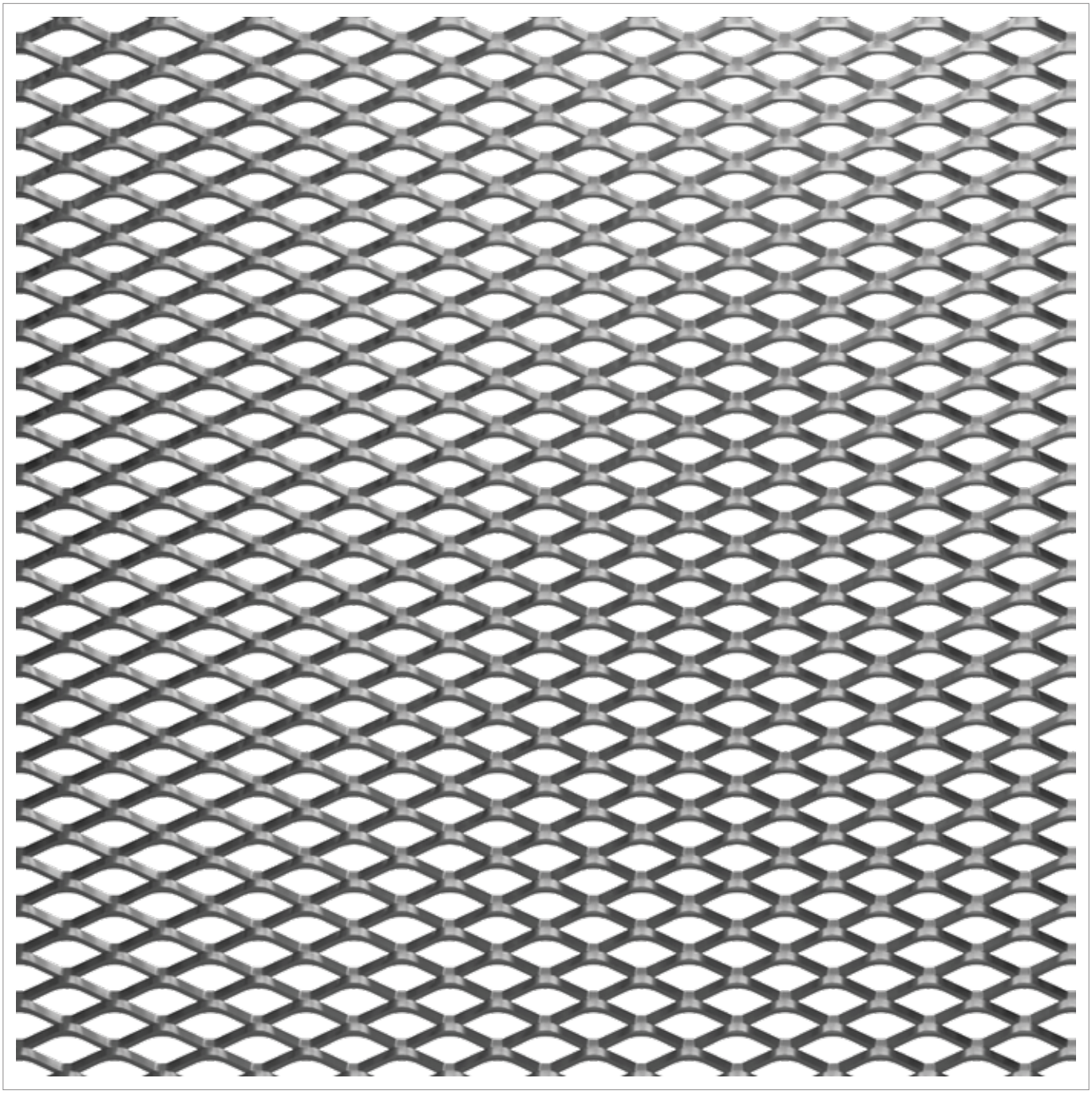
Technical data

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 % (*)
HEXAGONAL	15	1,5	~ 3	1500	3,0	8,8	15,4	26,3

ALUMINUM / MILD STEEL, GALVANIZED STEEL AND STAINLESS STEEL

* Other thicknesses available upon request

GINZA



[1:1]

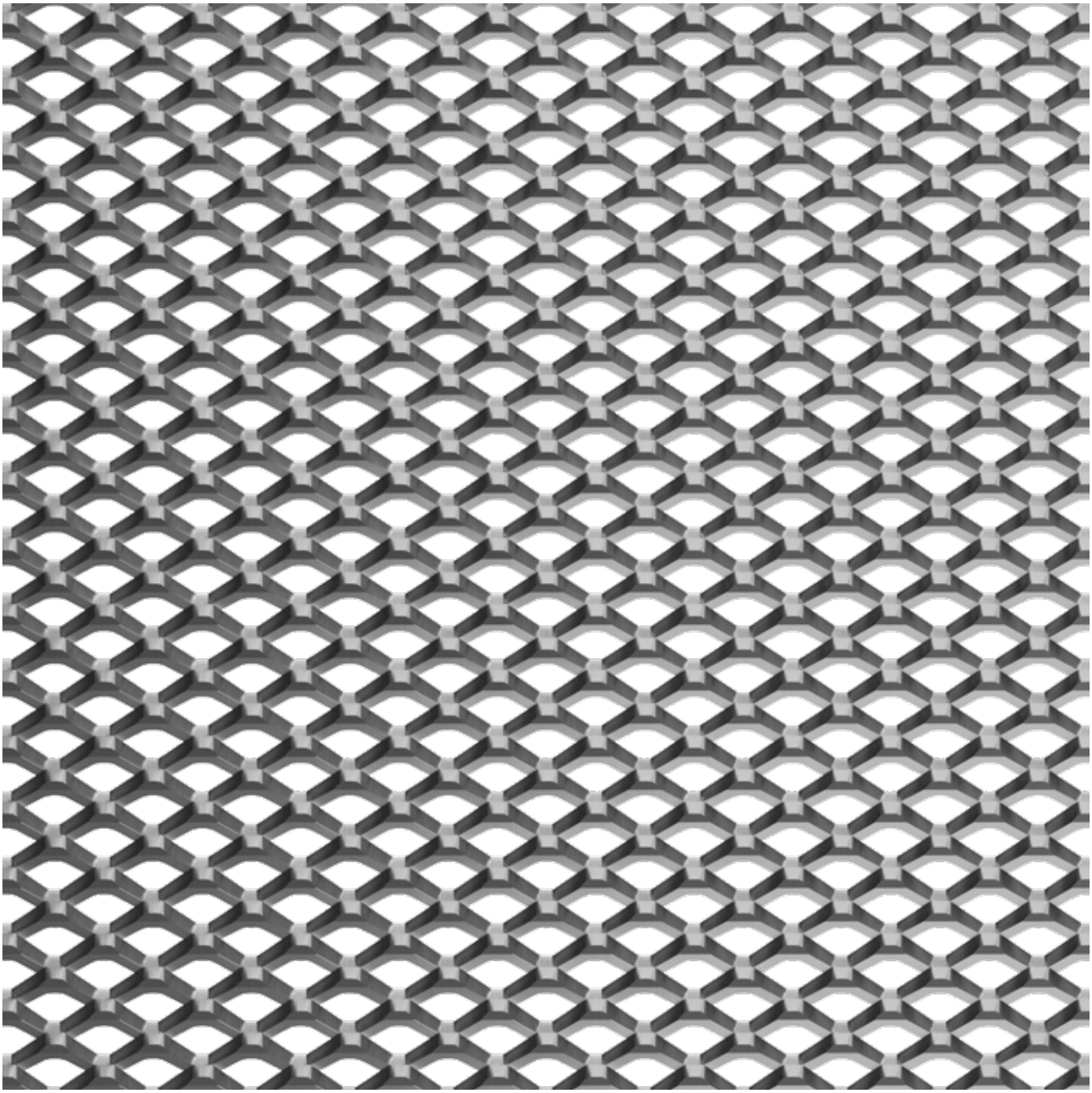
Technical data

Mesh shape	Mesh LWD [mm]	Thickness [mm]	Total thickness [mm]	Dimension Hmax//LWD [mm]	Weight [kg/mq]	Weight [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

ALUMINUM / MILD STEEL, GALVANIZED STEEL AND STAINLESS STEEL

* Other thicknesses available upon request

NOTRE DAME



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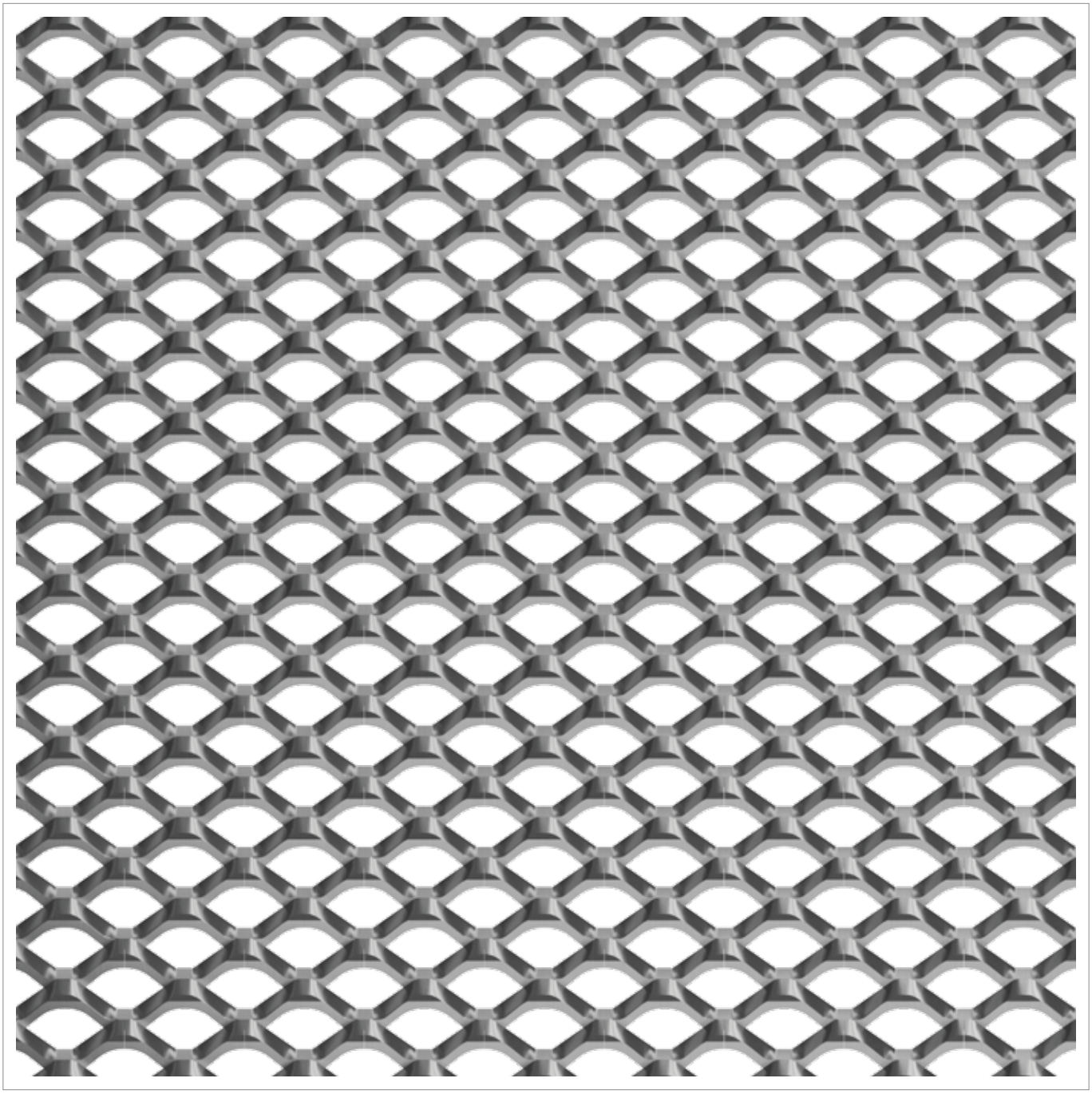
Technical data

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 % (*)
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

ALUMINUM / MILD STEEL, GALVANIZED STEEL AND STAINLESS STEEL

* Other thicknesses available upon request

SOHO



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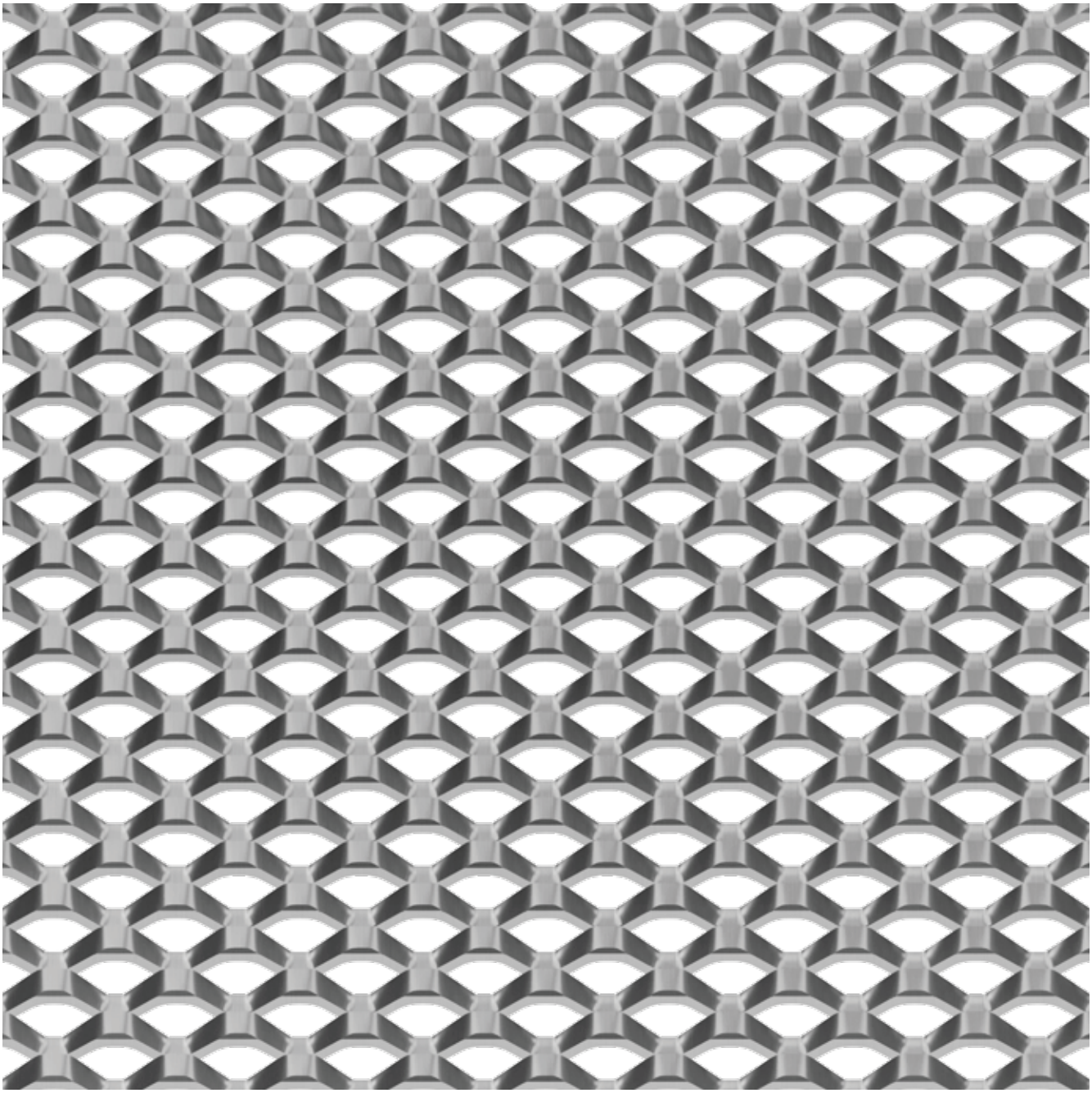
Technical data

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 % (*)
SQUARE	20	1,5	~ 5	1500	1,7	5,1	50	63
	20	2	~ 5	1500	2,3	6,8	50	63

ALUMINUM / MILD STEEL, GALVANIZED STEEL AND STAINLESS STEEL

* Other thicknesses available upon request

SOHO XL



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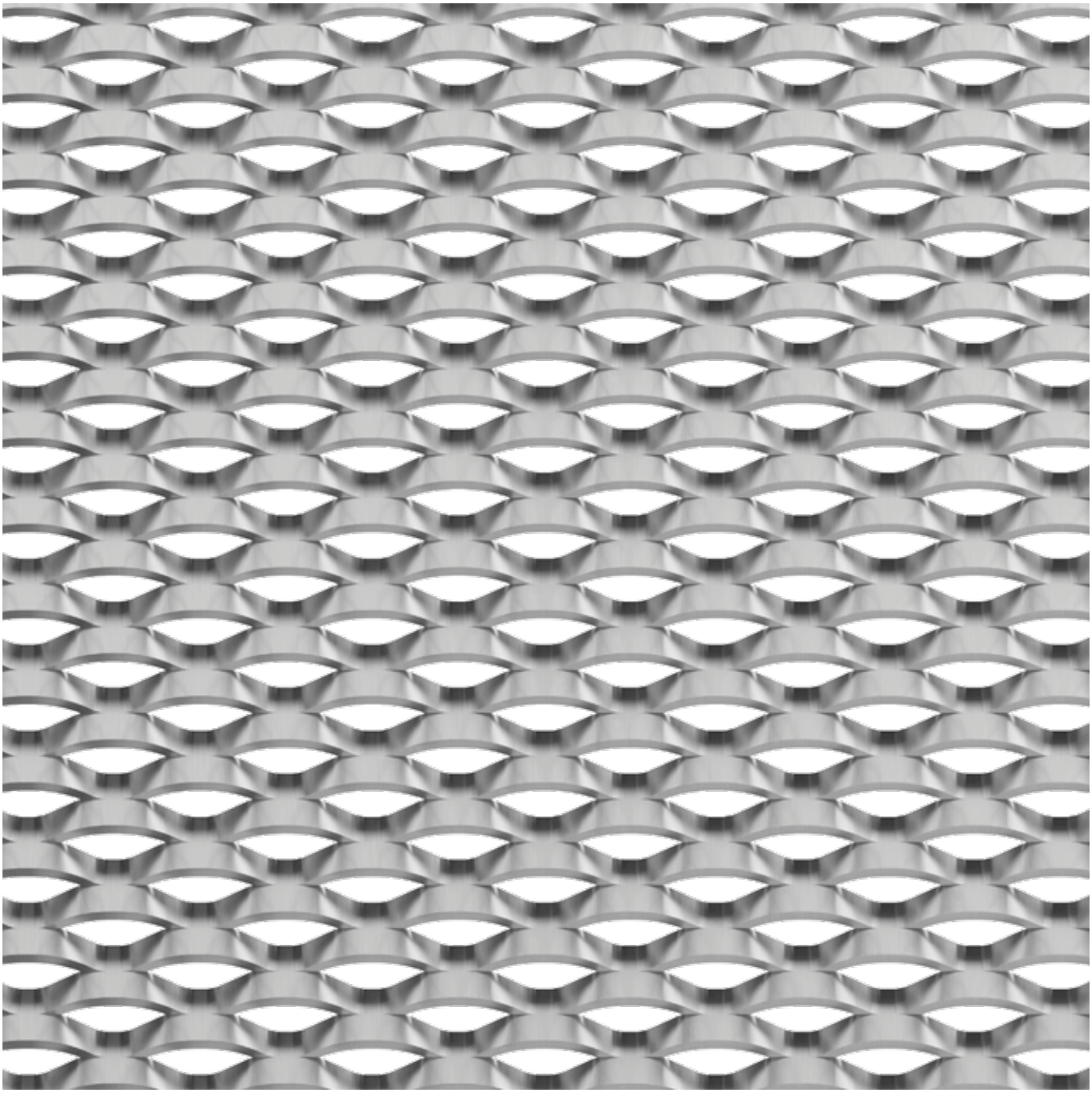
Technical data

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 % (*)
SQUARE	20	1,5	~ 6	1500	2,3	6,7	34	37
	20	2	~ 6	1500	3,1	8,9	34	37

ALUMINUM / MILD STEEL, GALVANIZED STEEL AND STAINLESS STEEL

* Other thicknesses available upon request

QUEENS



[1:1]

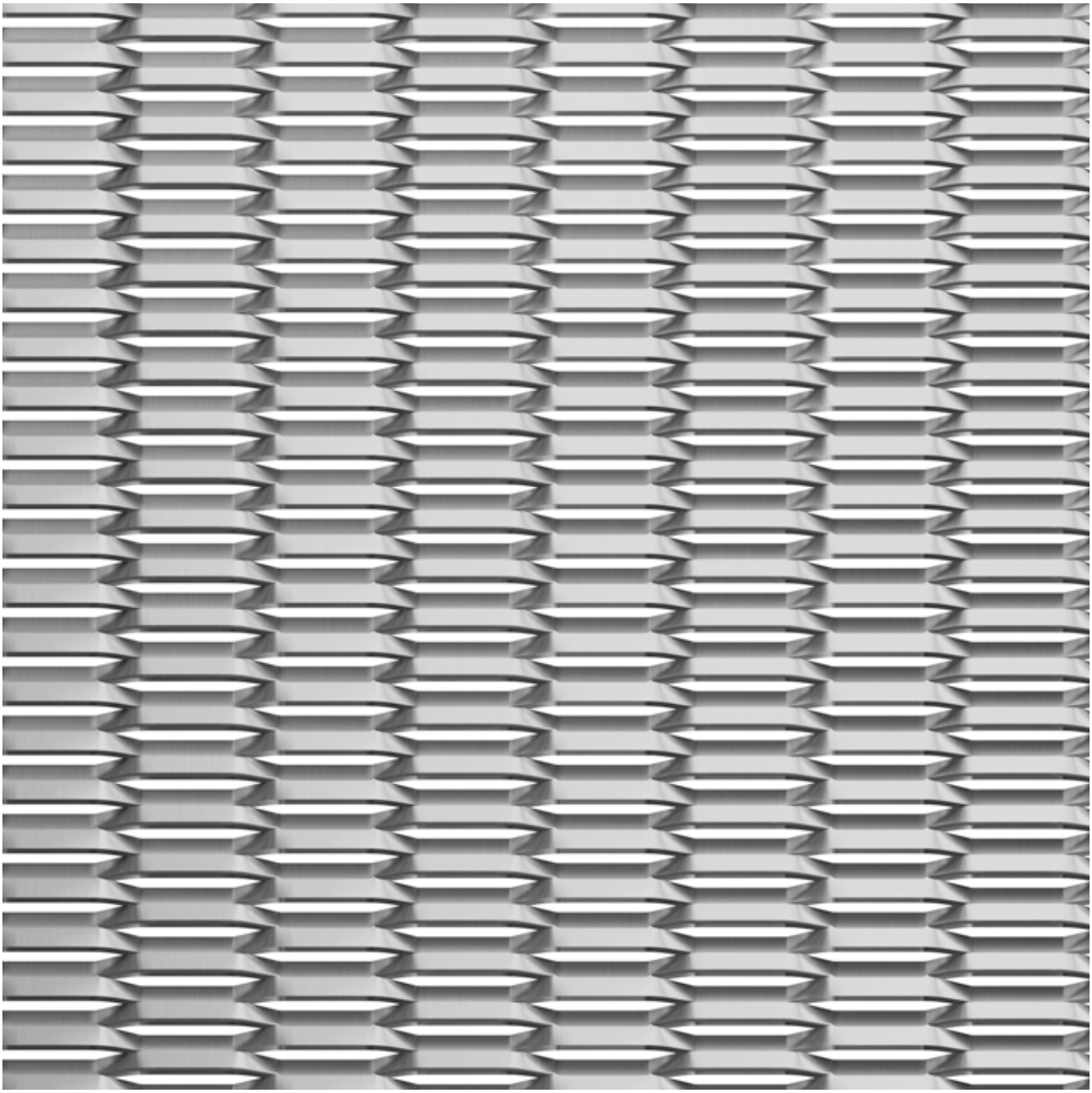
Technical data

Mesh shape	Mesh LWD [mm]	Thickness [mm]	Total thickness [mm]	Dimension Hmax//LWD [mm]	Weight [kg/mq]	Weight [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

ALUMINUM / MILD STEEL, GALVANIZED STEEL AND STAINLESS STEEL

* Other thicknesses available upon request

RIBERA



[1:1]

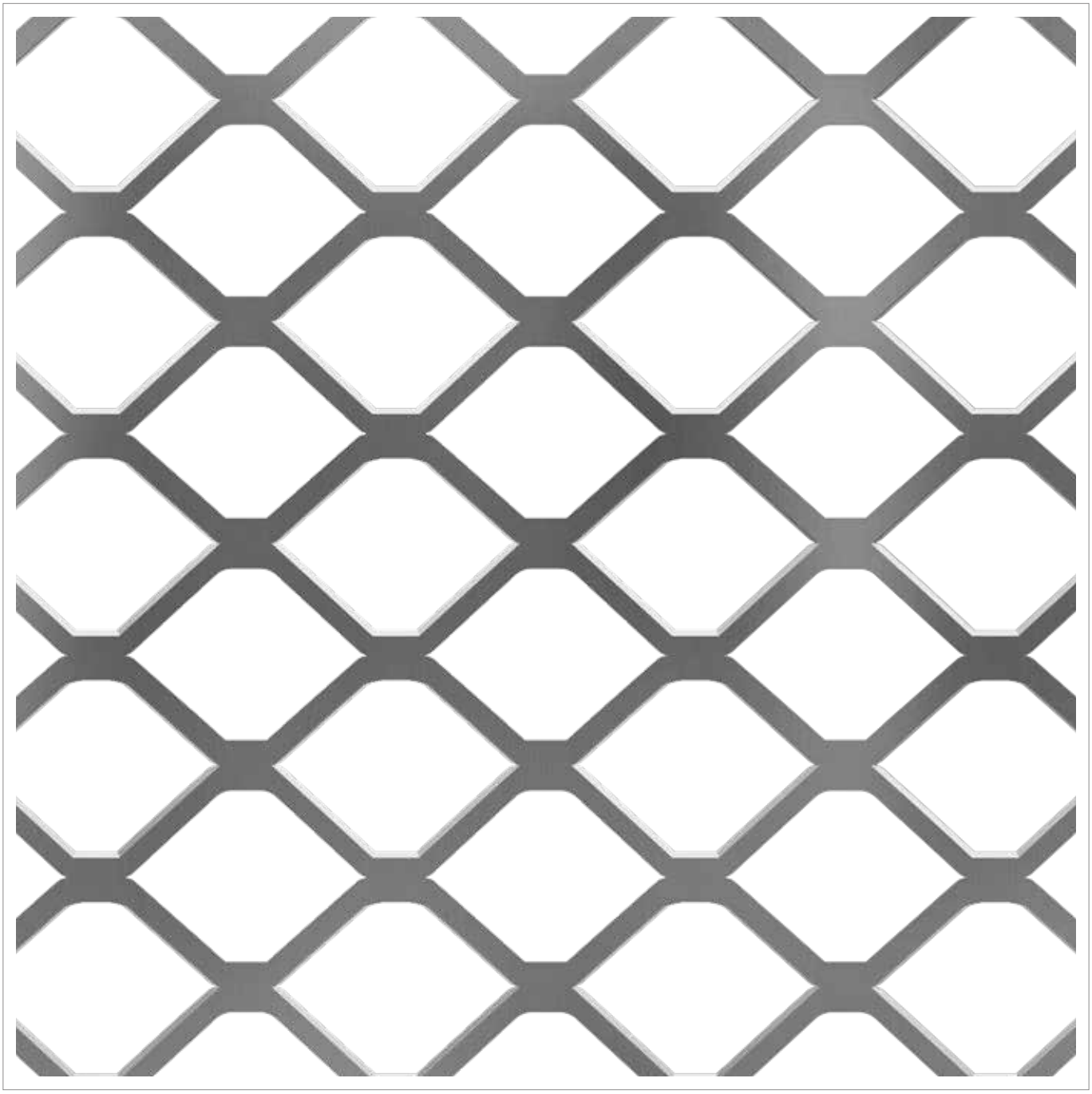
Technical data

Mesh shape	Mesh LWD [mm]	Thickness [mm]	Total thickness [mm]	Dimension Hmax//LWD [mm]	Weight [kg/mq]	Weight [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

ALUMINUM / MILD STEEL, GALVANIZED STEEL AND STAINLESS STEEL

* Other thicknesses available upon request

SQUARE 50



[1:1]

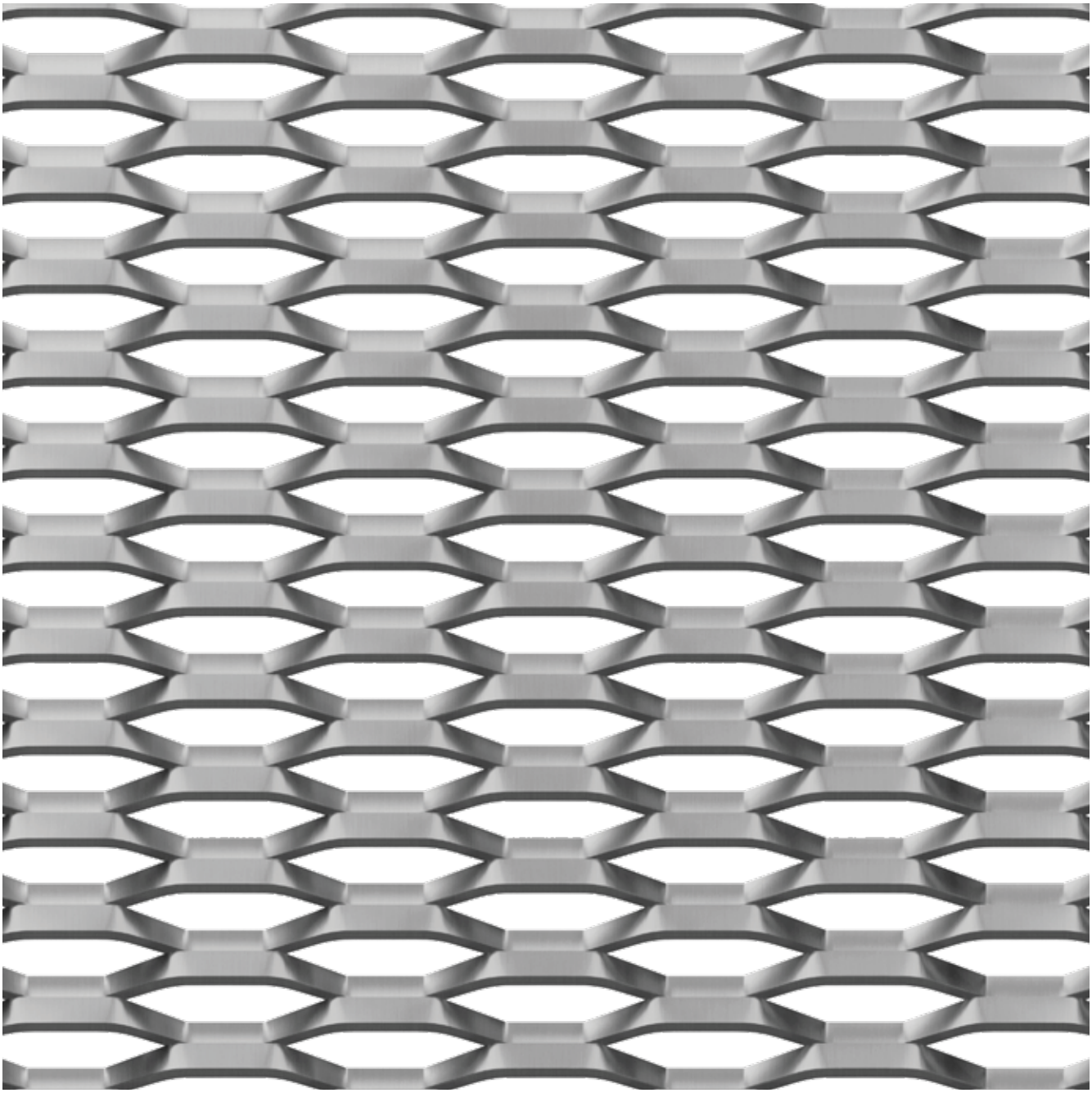
Technical data

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

ALUMINUM / MILD STEEL, GALVANIZED STEEL AND STAINLESS STEEL

* Other thicknesses available upon request

SANTA MONICA



[1:1]

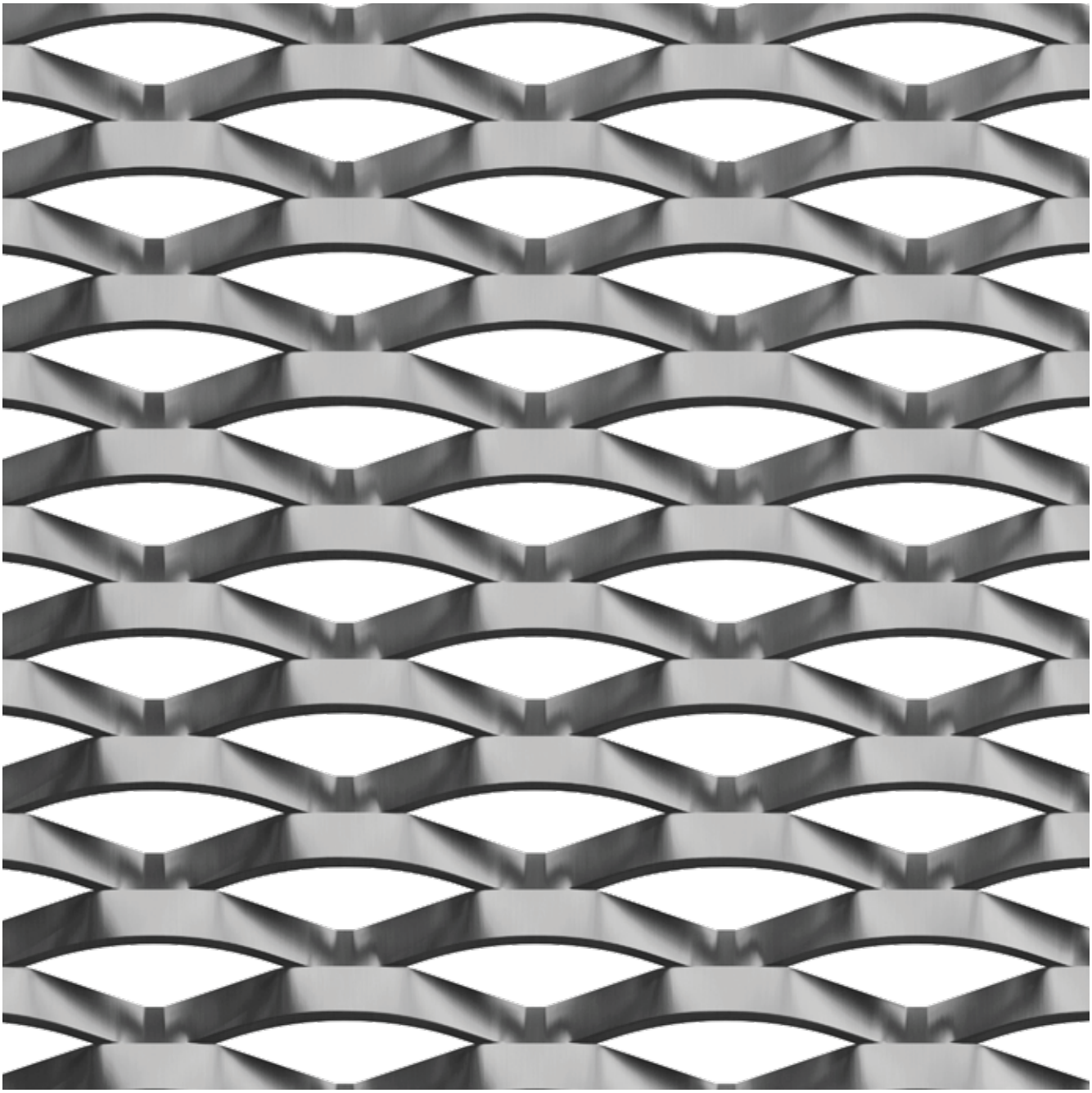
Technical data

Mesh shape	Mesh LWD [mm]	Thickness [mm]	Total thickness [mm]	Dimension Hmax//LWD [mm]	Weight [kg/mq]	Weight [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

ALUMINUM / MILD STEEL, GALVANIZED STEEL AND STAINLESS STEEL

* Other thicknesses available upon request

COPACABANA



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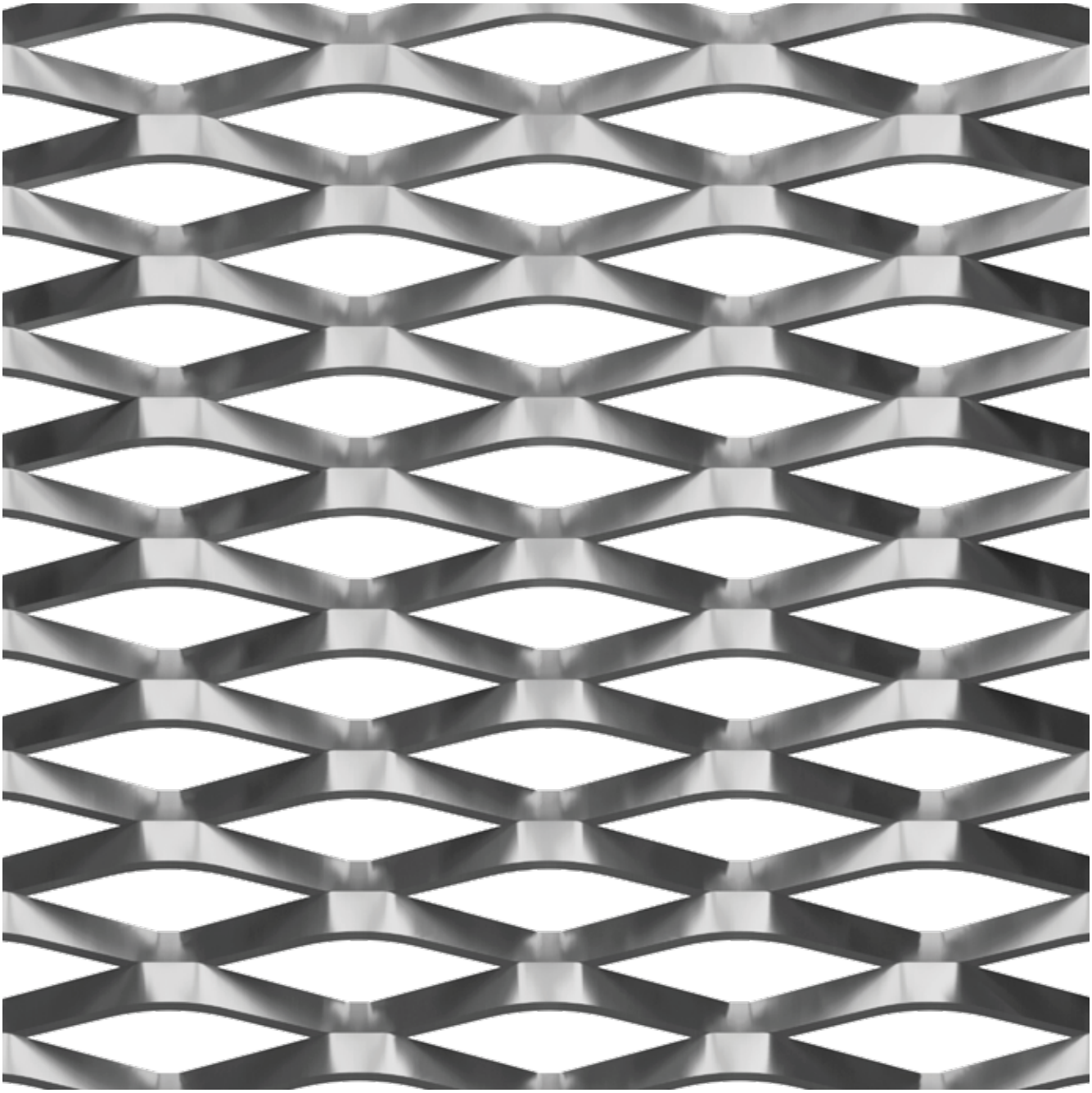
Technical data

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	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

ALUMINUM / MILD STEEL, GALVANIZED STEEL AND STAINLESS STEEL

* Other thicknesses available upon request

LOUVRE



[1:1]

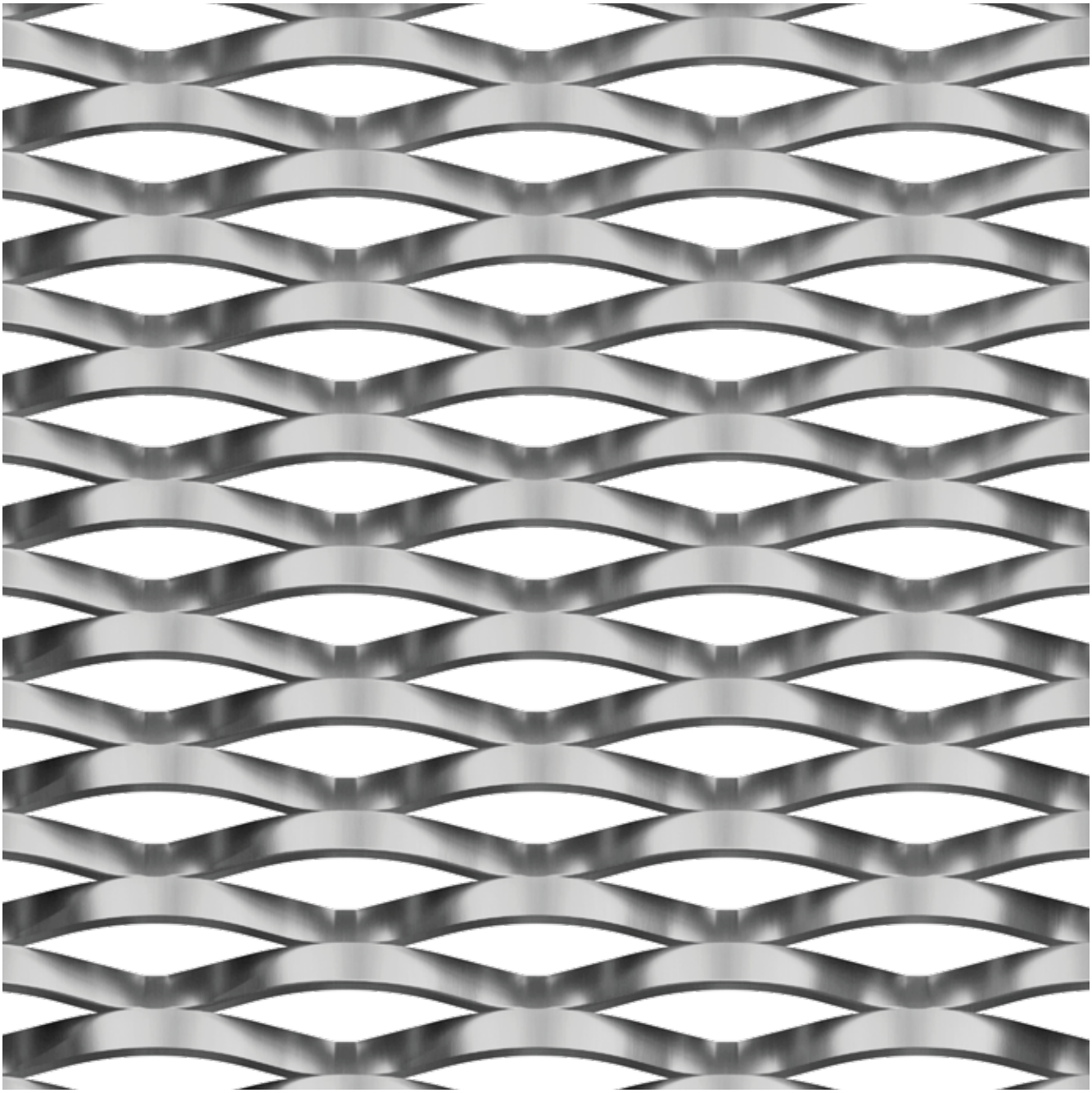
Technical data

Mesh shape	Mesh LWD [mm]	Thickness [mm]	Total thickness [mm]	Dimension Hmax//LWD [mm]	Weight [kg/mq]	Weight [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

ALUMINUM / MILD STEEL, GALVANIZED STEEL AND STAINLESS STEEL

* Other thicknesses available upon request

MALIBU



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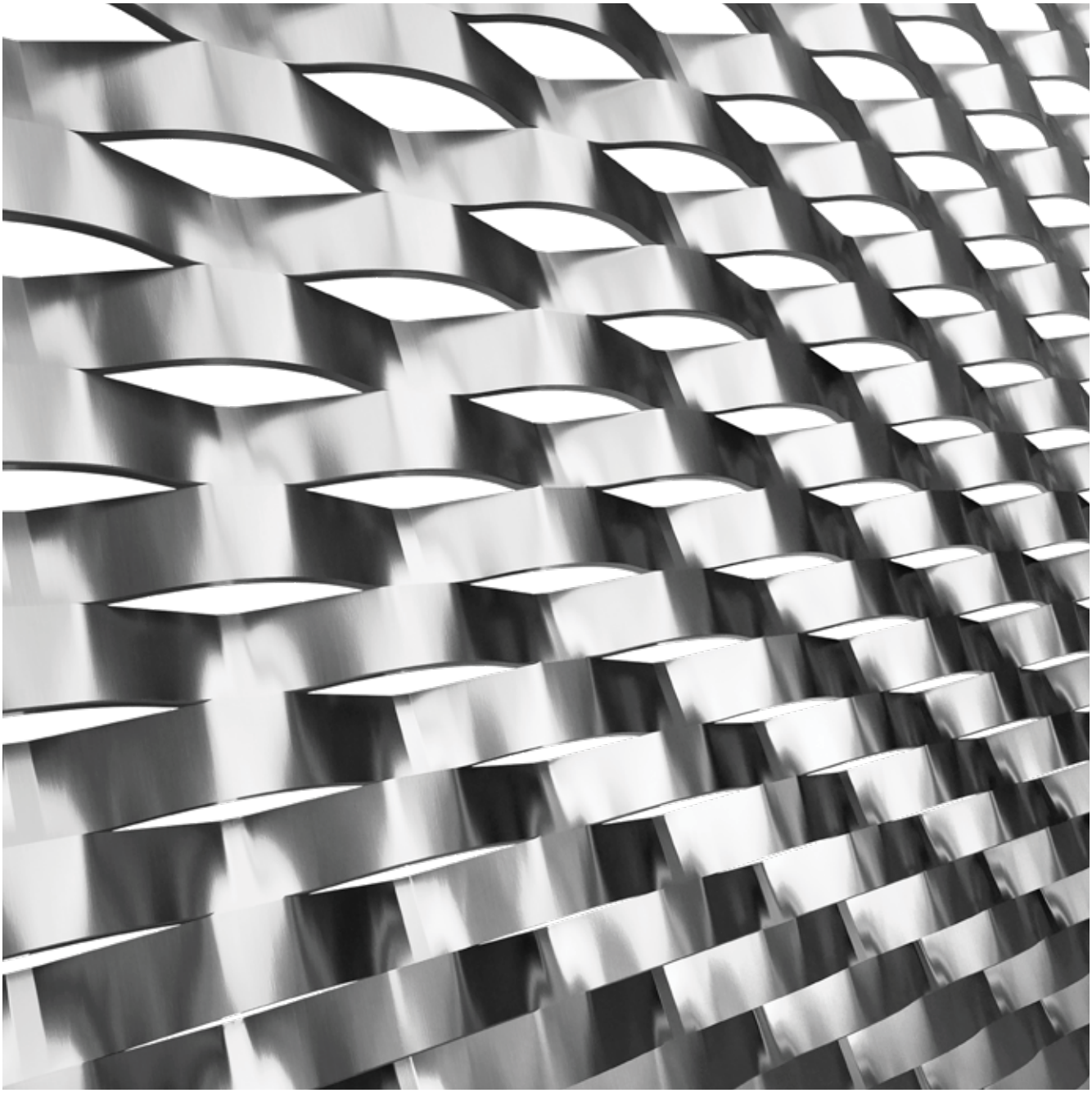
Technical data

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	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

ALUMINUM / MILD STEEL, GALVANIZED STEEL AND STAINLESS STEEL

* Other thicknesses available upon request

NAVIGLI



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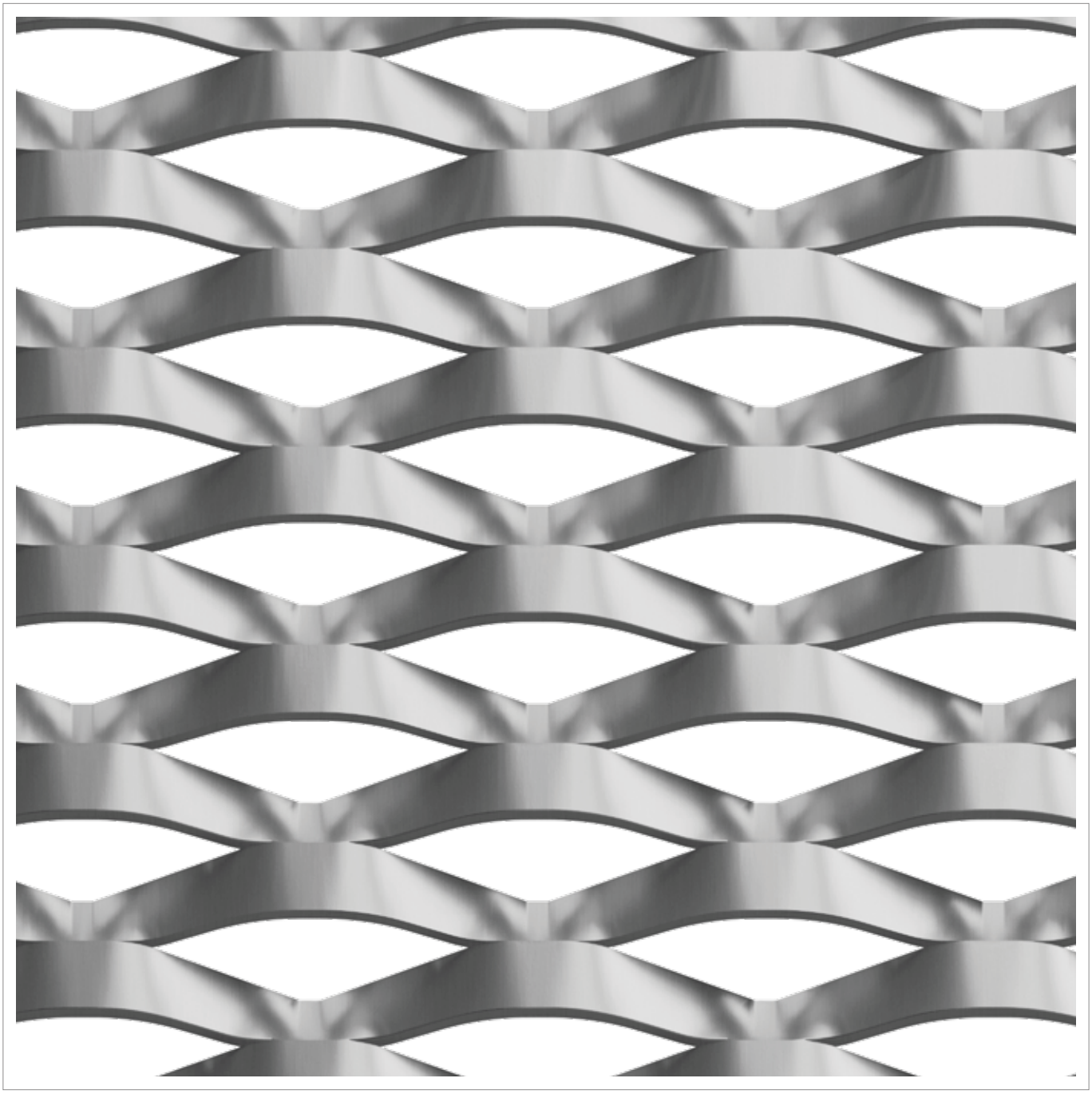
Technical data

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	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

ALUMINUM / MILD STEEL, GALVANIZED STEEL AND STAINLESS STEEL

* Other thicknesses available upon request

NOMA XS



[1:1]

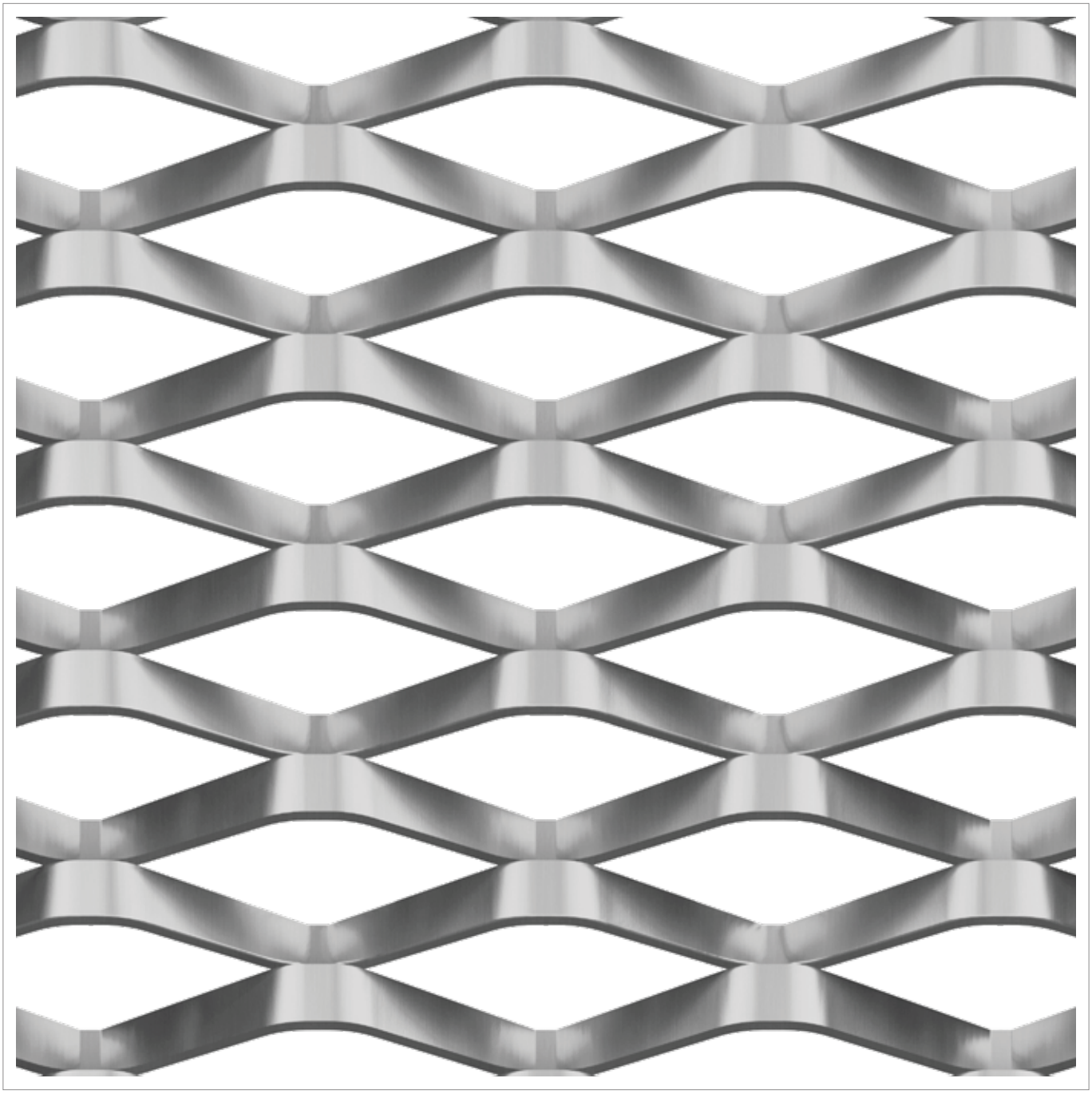
Technical data

Mesh shape	Mesh LWD [mm]	Thickness [mm]	Total thickness [mm]	Dimension Hmax//LWD [mm]	Weight [kg/mq]	Weight [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

ALUMINUM / MILD STEEL, GALVANIZED STEEL AND STAINLESS STEEL

* Other thicknesses available upon request

NOMA



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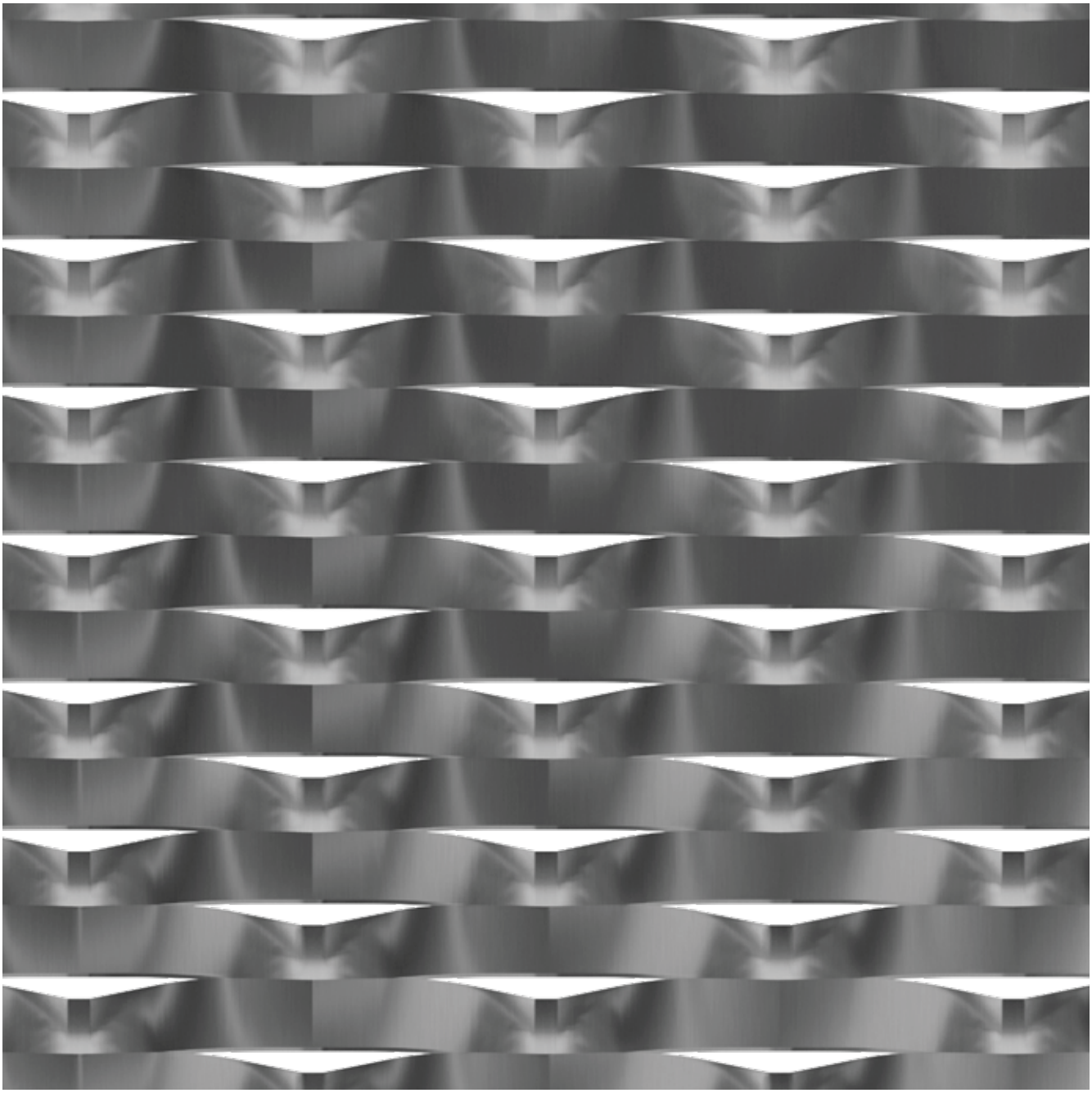
Technical data

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	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

ALUMINUM / MILD STEEL, GALVANIZED STEEL AND STAINLESS STEEL

* Other thicknesses available upon request

SORBONA



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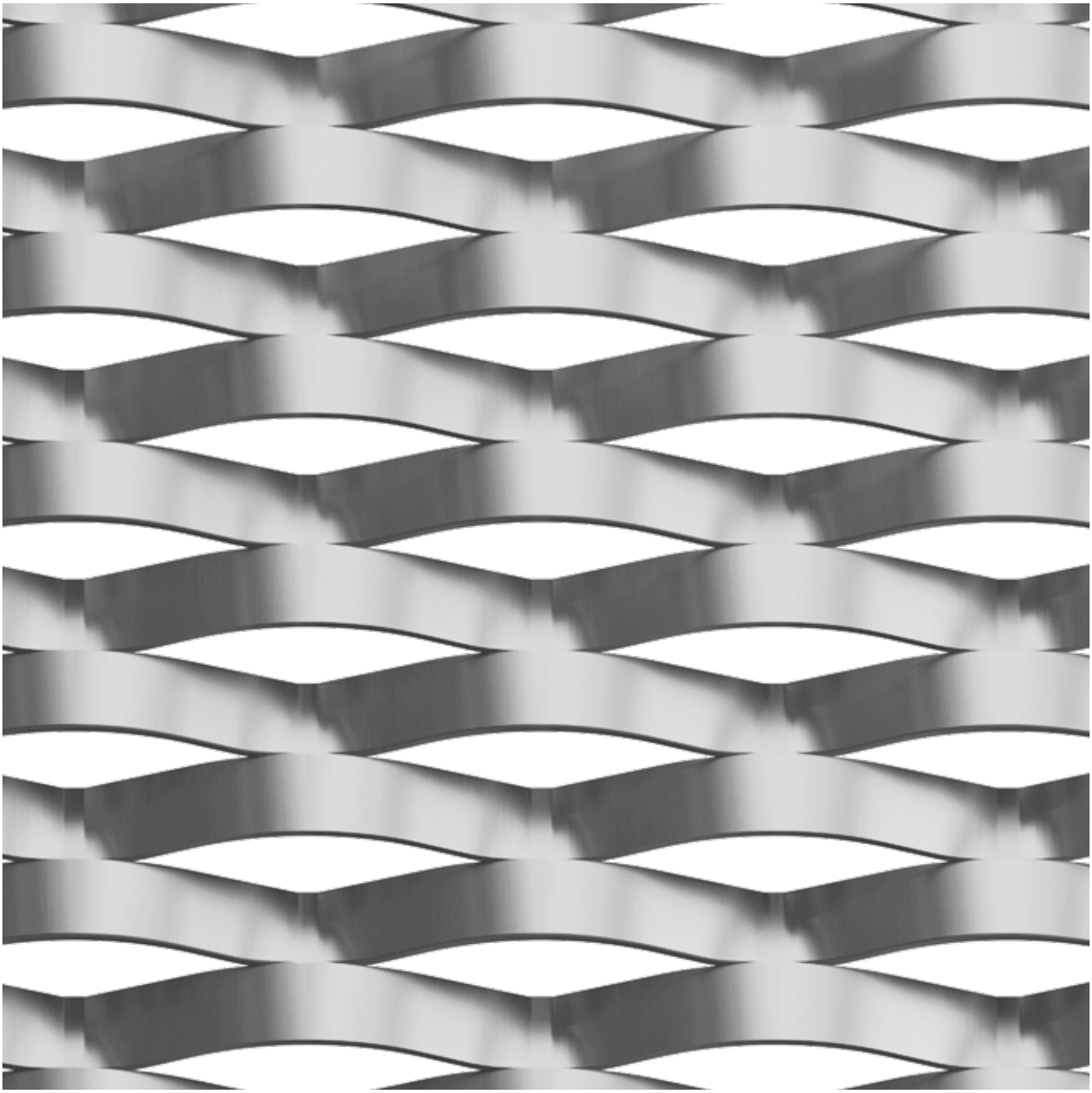
Technical data

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	76	1,5	~ 11	2000	3,7	10,8	9	44
	76	2	~ 11	2000	4,8	13,8	9	44

ALUMINUM / MILD STEEL, GALVANIZED STEEL AND STAINLESS STEEL

* Other thicknesses available upon request

SORBONA XL



[1:1]

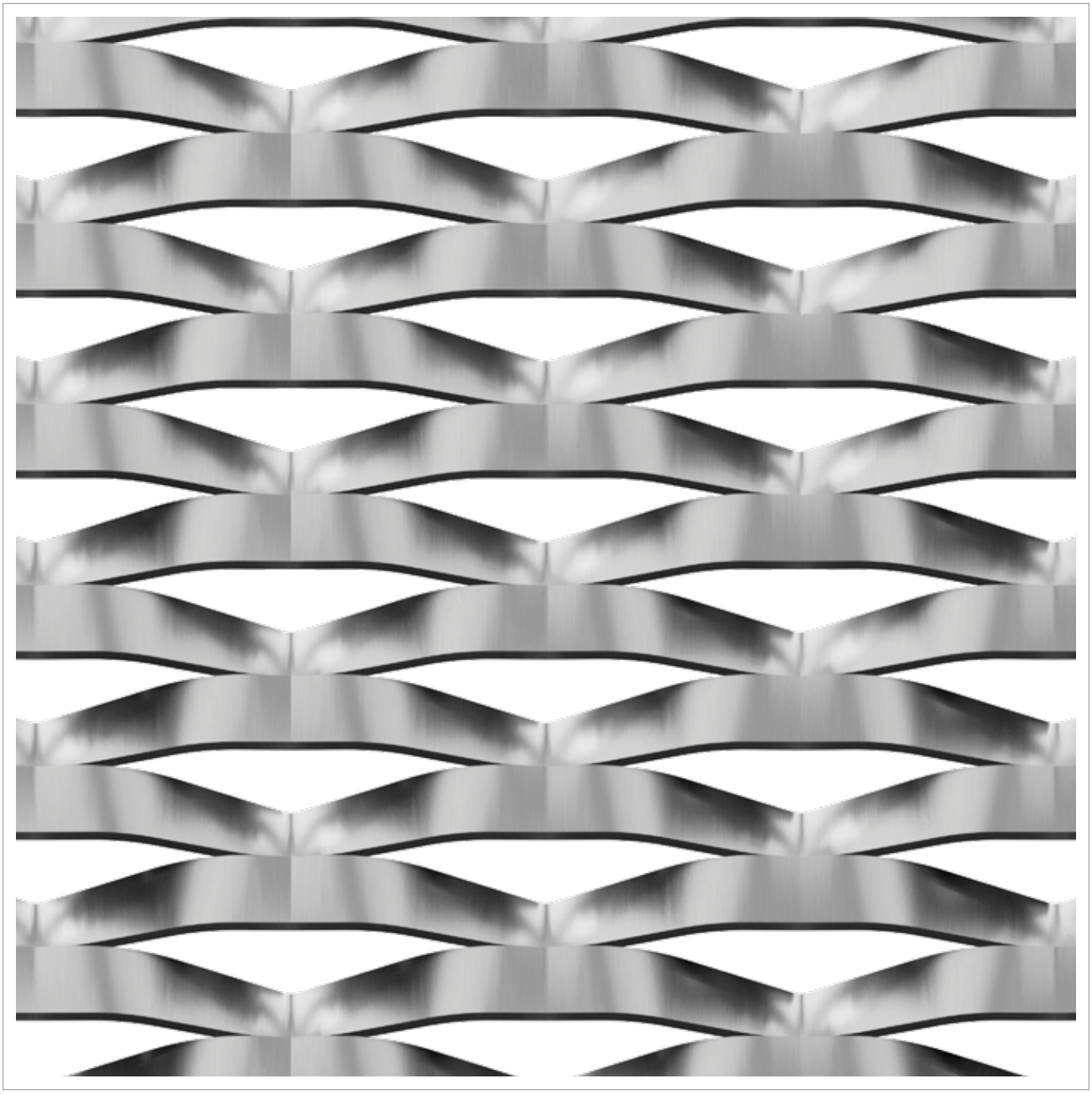
Technical data

Mesh shape	Mesh LWD [mm]	Thickness [mm]	Total thickness [mm]	Dimension Hmax//LWD [mm]	Weight [kg/mq]	Weight [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

ALUMINUM / MILD STEEL, GALVANIZED STEEL AND STAINLESS STEEL

* Other thicknesses available upon request

BRERA



[1:1]

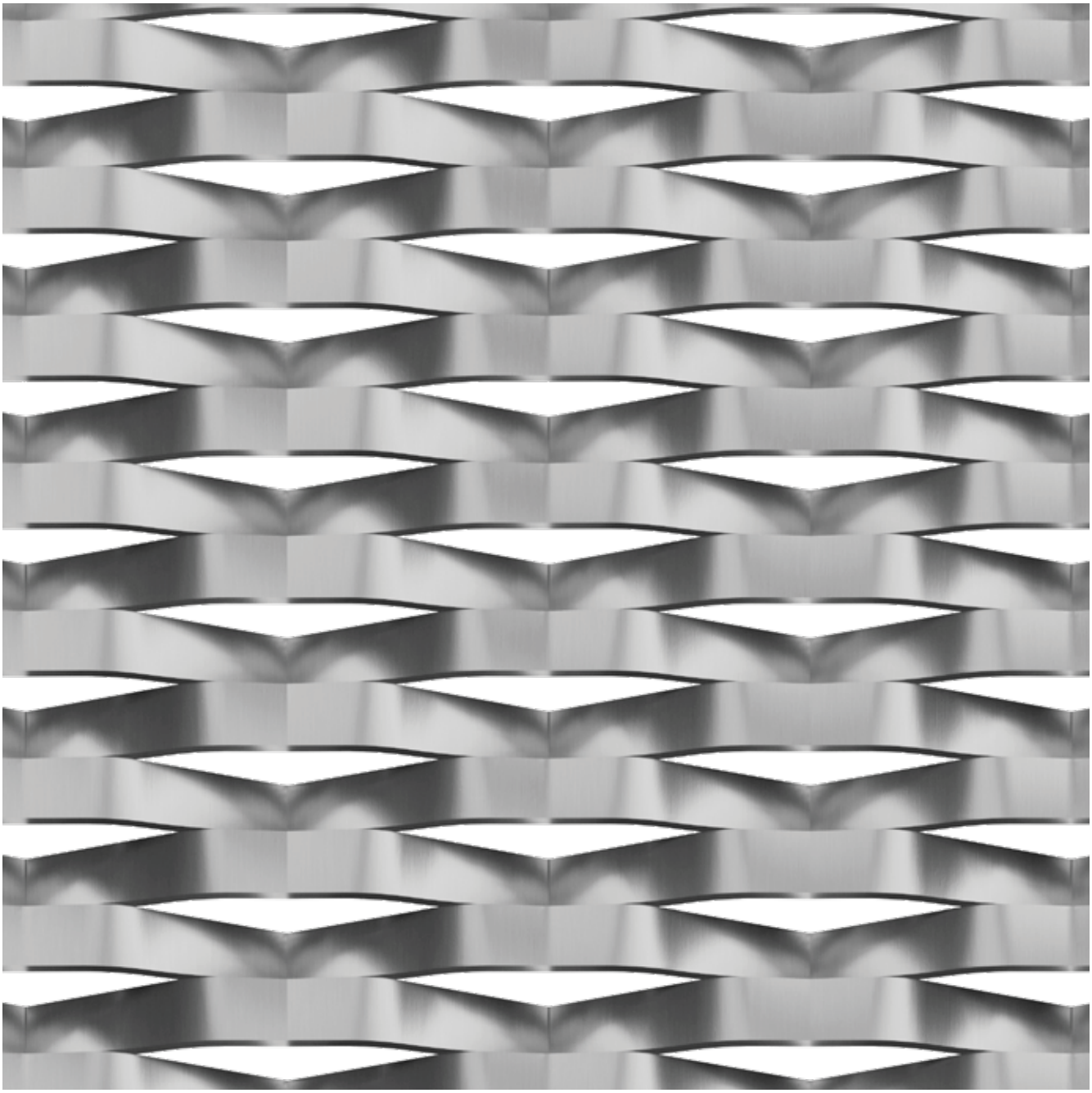
Technical data

Mesh shape	Mesh LWD [mm]	Thickness [mm]	Total thickness [mm]	Dimension Hmax//LWD [mm]	Weight [kg/mq]	Weight [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

ALUMINUM / MILD STEEL, GALVANIZED STEEL AND STAINLESS STEEL

* Other thicknesses available upon request

BROOKLYN



[1:1]

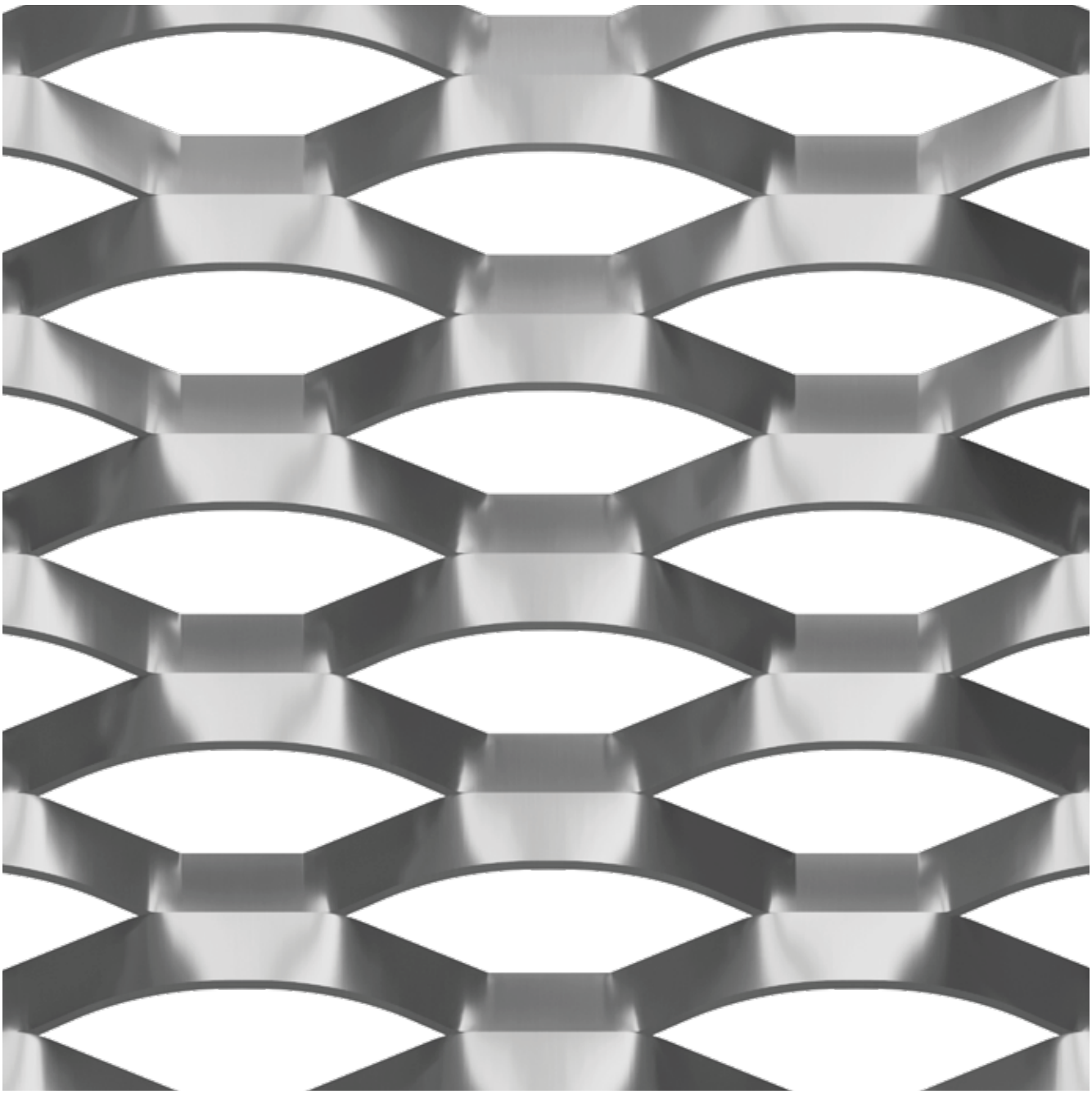
Technical data

Mesh shape	Mesh LWD [mm]	Thickness [mm]	Total thickness [mm]	Dimension Hmax//LWD [mm]	Weight [kg/mq]	Weight [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

ALUMINUM / MILD STEEL, GALVANIZED STEEL AND STAINLESS STEEL

* Other thicknesses available upon request

MANCUNIA



[1:1]

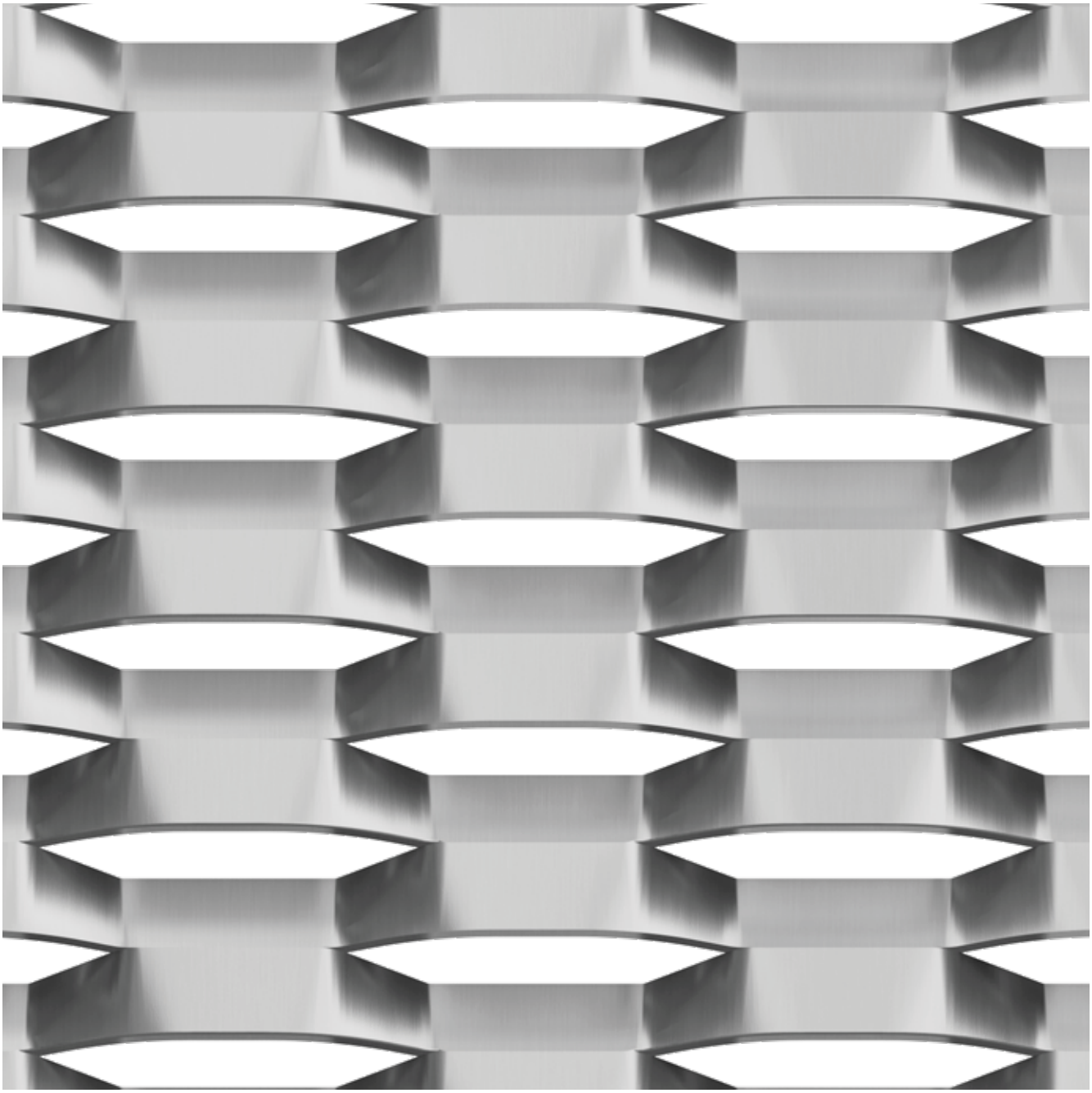
Technical data

Mesh shape	Mesh LWD [mm]	Thickness [mm]	Total thickness [mm]	Dimension Hmax//LWD [mm]	Weight [kg/mq]	Weight [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

ALUMINUM / MILD STEEL, GALVANIZED STEEL AND STAINLESS STEEL

* Other thicknesses available upon request

OPERA



[1:1]

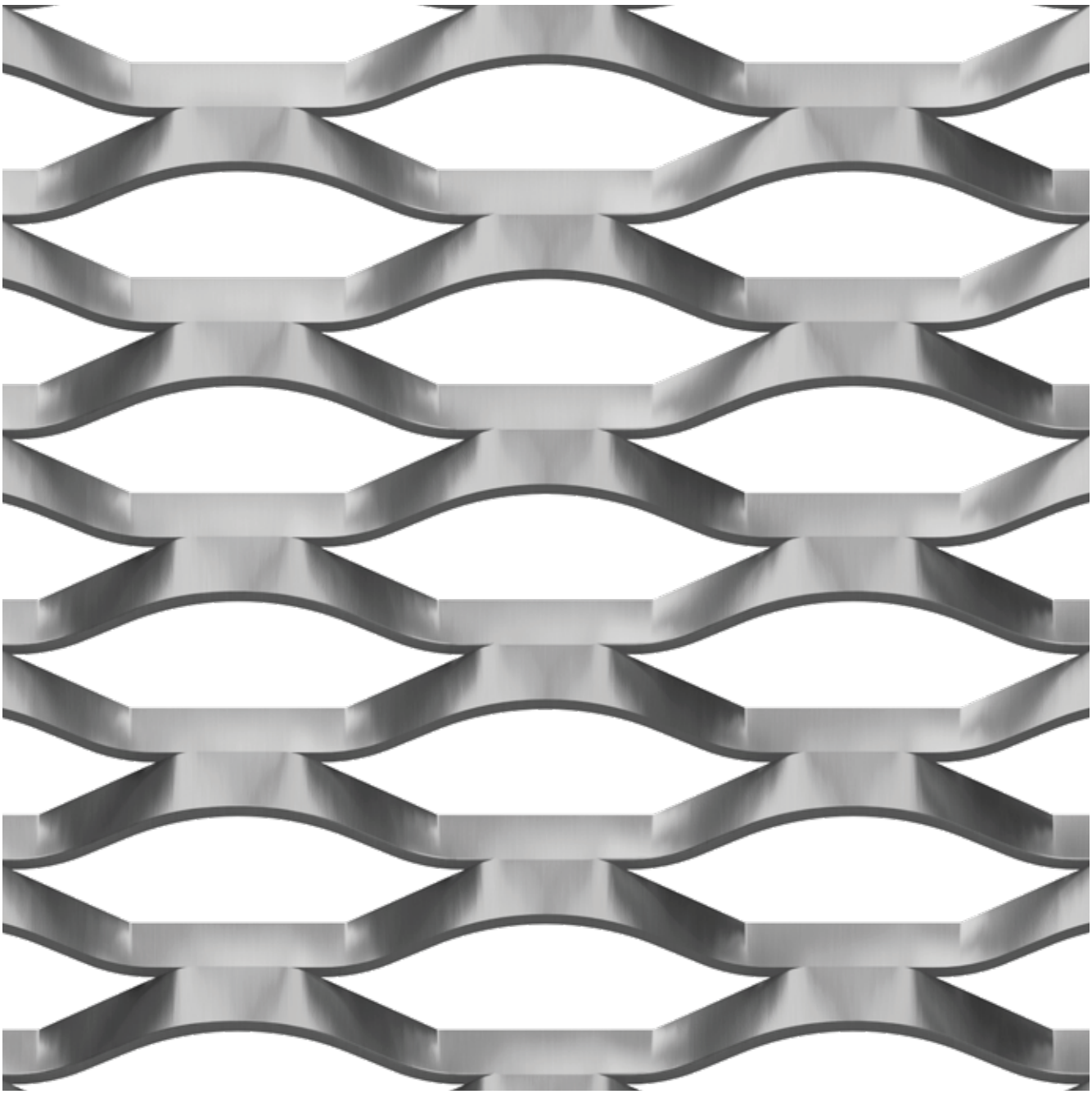
Technical data

Mesh shape	Mesh LWD [mm]	Thickness [mm]	Total thickness [mm]	Dimension Hmax//LWD [mm]	Weight [kg/mq]	Weight [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

ALUMINUM / MILD STEEL, GALVANIZED STEEL AND STAINLESS STEEL

* Other thicknesses available upon request

PRATER



[1:1]

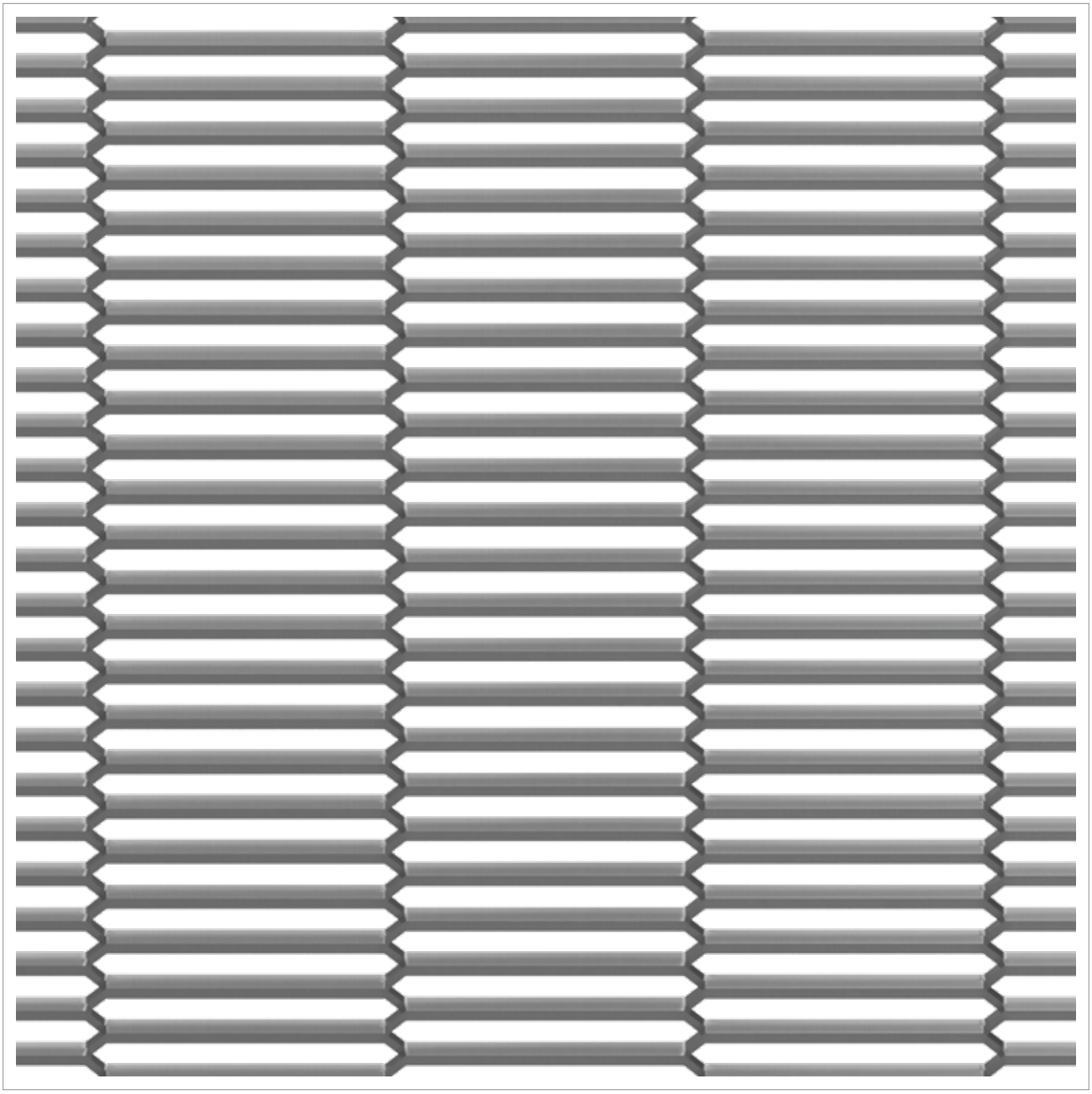
Technical data

Mesh shape	Mesh LWD [mm]	Thickness [mm]	Total thickness [mm]	Dimension Hmax//LWD [mm]	Weight [kg/mq]	Weight [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

ALUMINUM / MILD STEEL, GALVANIZED STEEL AND STAINLESS STEEL

* Other thicknesses available upon request

SKADARLIJA XS



[1:1]

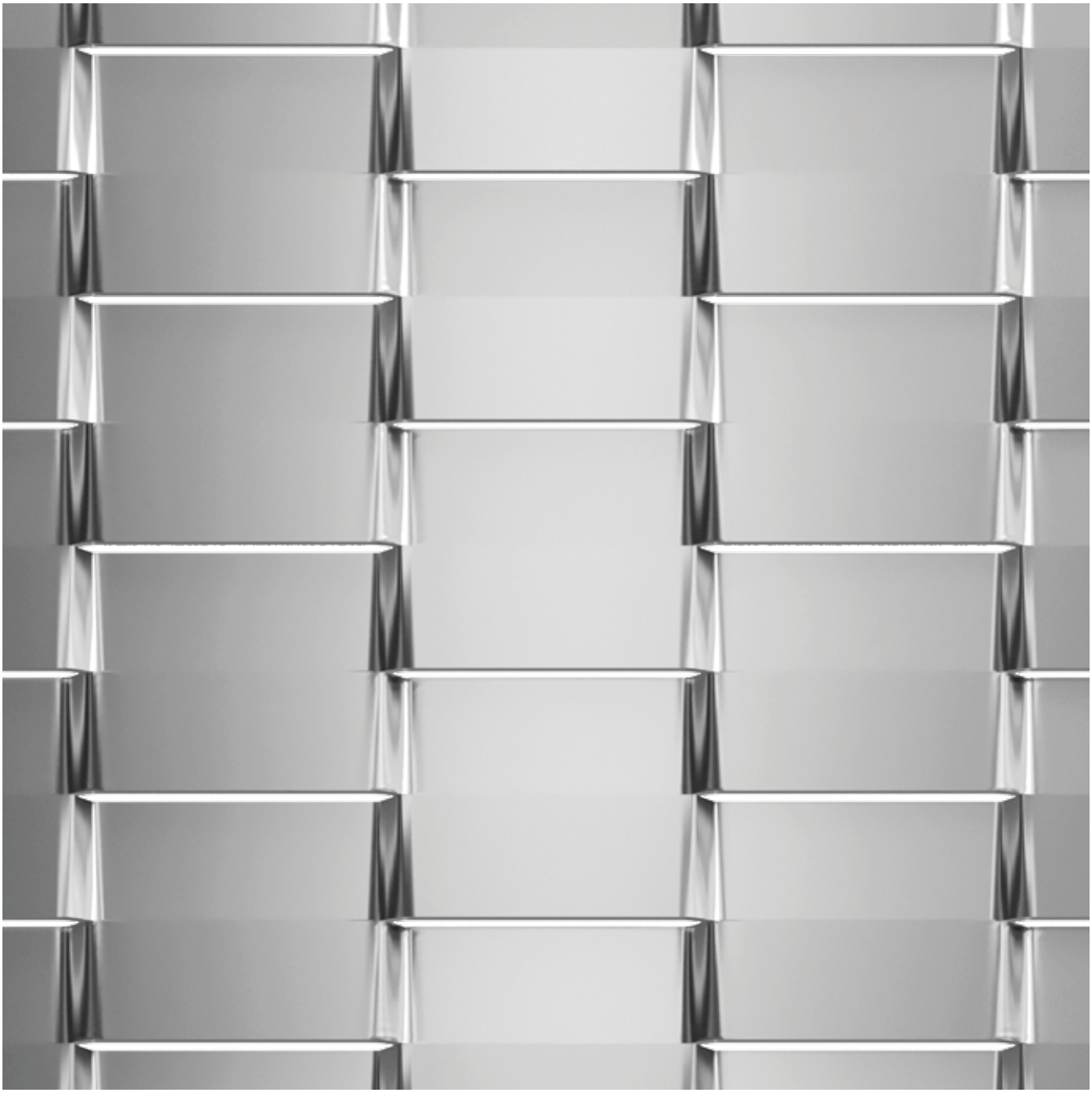
Technical data

Mesh shape	Mesh LWD [mm]	Thickness [mm]	Total thickness [mm]	Dimension Hmax//LWD [mm]	Weight [kg/mq]	Weight [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

ALUMINUM / MILD STEEL, GALVANIZED STEEL AND STAINLESS STEEL

* Other thicknesses available upon request

SKADARLIJA



[1:1]

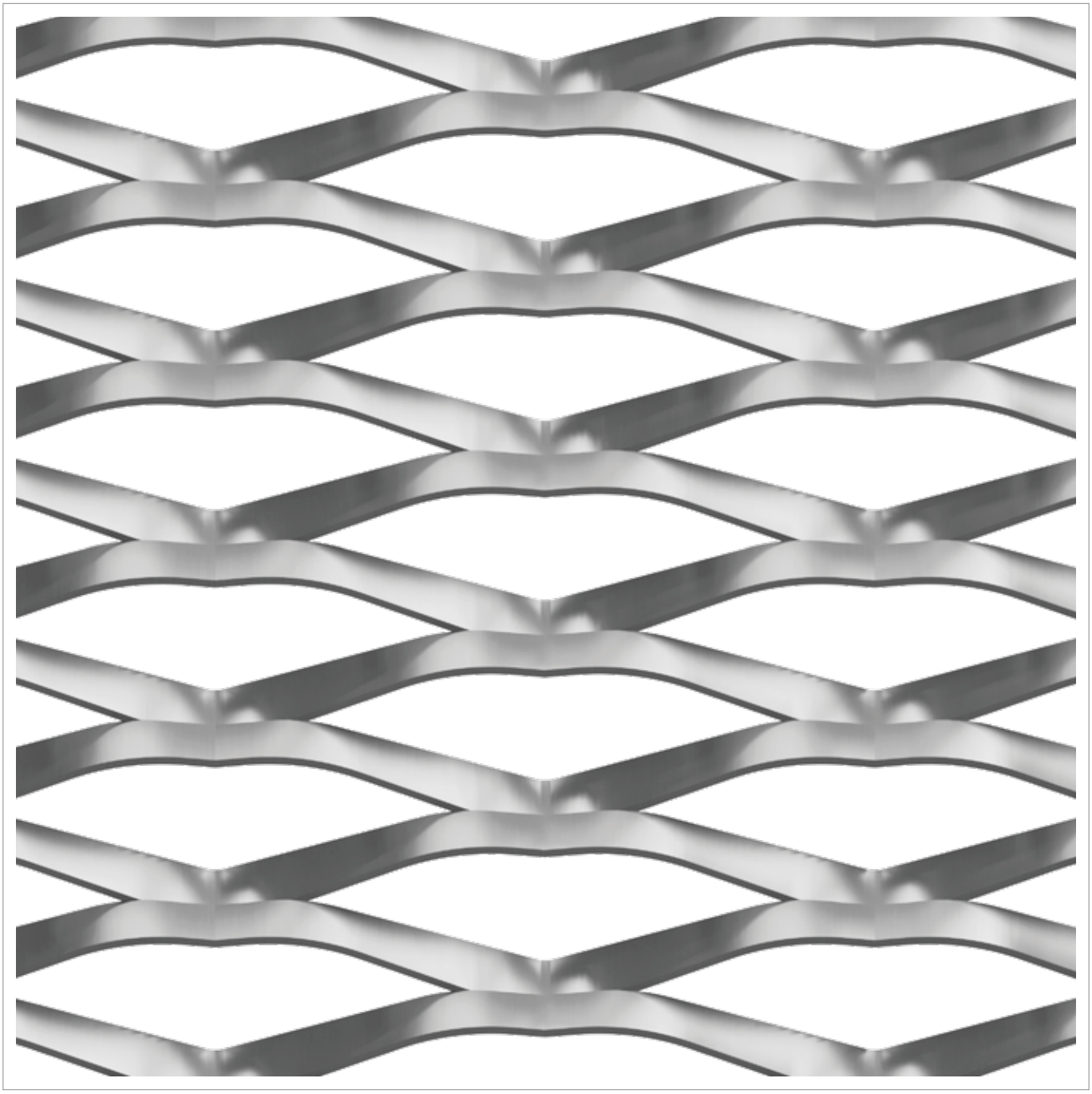
Technical data

Mesh shape	Mesh LWD [mm]	Thickness [mm]	Total thickness [mm]	Dimension Hmax//LWD [mm]	Weight [kg/mq]	Weight [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

ALUMINUM / MILD STEEL, GALVANIZED STEEL AND STAINLESS STEEL

* Other thicknesses available upon request

BEBEK



[1:1]

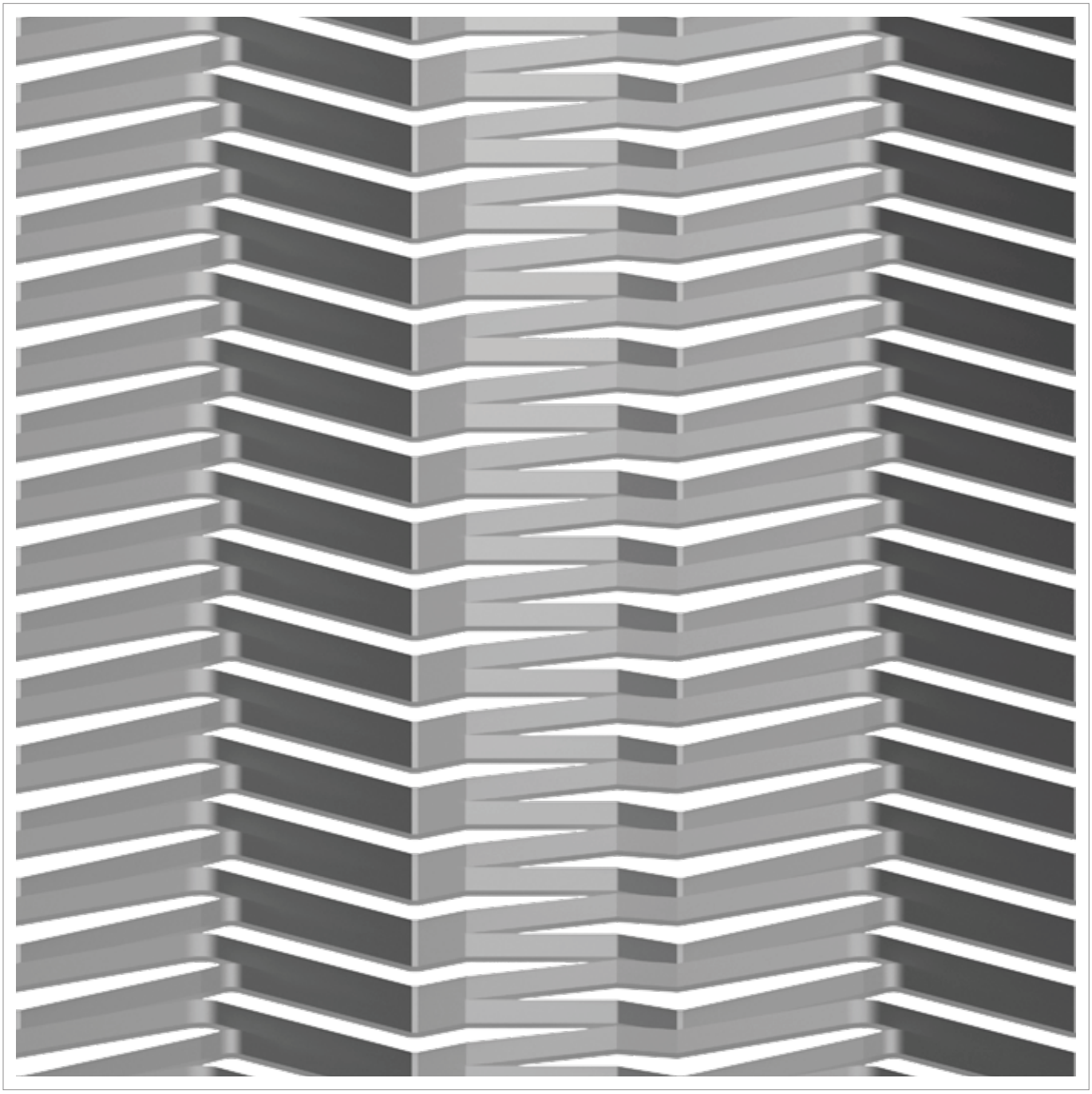
Technical data

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]

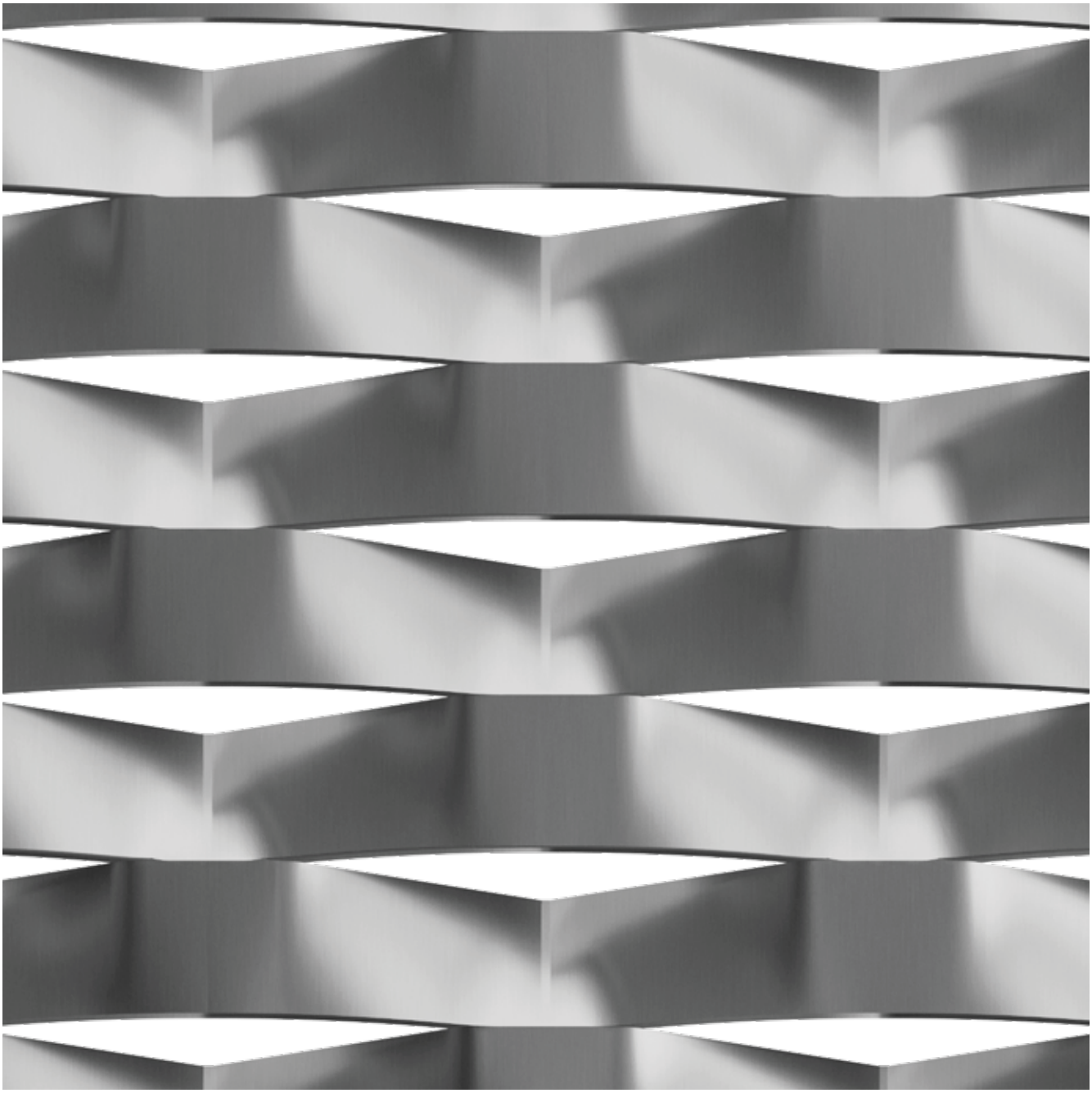
Technical data

Mesh shape	Mesh LWD [mm]	Thickness [mm]	Total thickness [mm]	Dimension Hmax//LWD [mm]	Weight [kg/mq]	Weight [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

ALUMINUM / MILD STEEL, GALVANIZED STEEL AND STAINLESS STEEL

* Other thicknesses available upon request

MARACANA



[1:1]

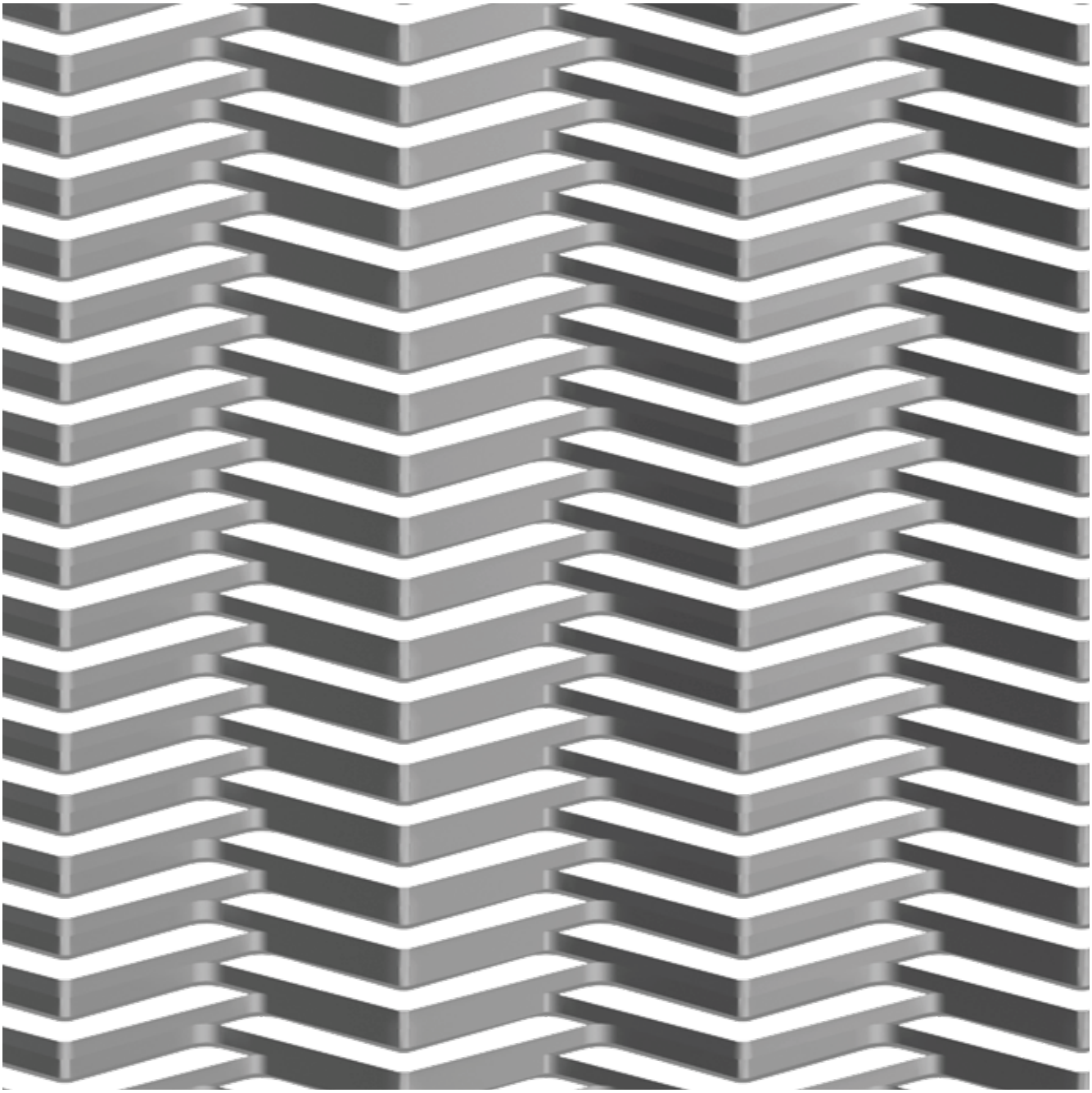
Technical data

Mesh shape	Mesh LWD [mm]	Thickness [mm]	Total thickness [mm]	Dimension Hmax//LWD [mm]	Weight [kg/mq]	Weight [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

ALUMINUM / MILD STEEL, GALVANIZED STEEL AND STAINLESS STEEL

* Other thicknesses available upon request

PICCADILLY



[1:1]

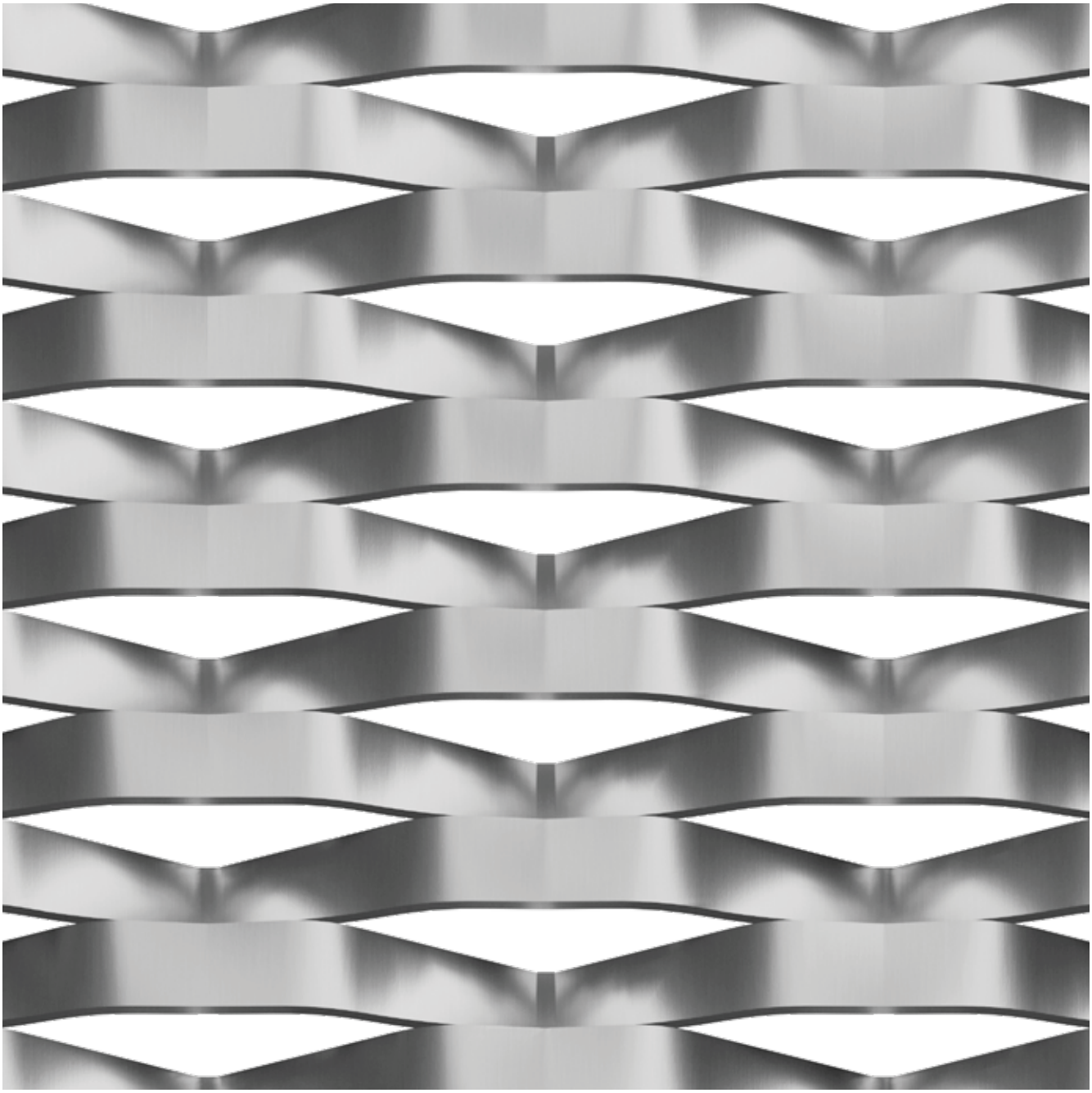
Technical data

Mesh shape	Mesh LWD [mm]	Thickness [mm]	Total thickness [mm]	Dimension Hmax//LWD [mm]	Weight [kg/mq]	Weight [kg/mq]	Front Open Area % (*)	Max Open Area % (*)
RHOMBOIDAL	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

ALUMINUM / MILD STEEL, GALVANIZED STEEL AND STAINLESS STEEL

* Other thicknesses available upon request

RAVAL



[1:1]

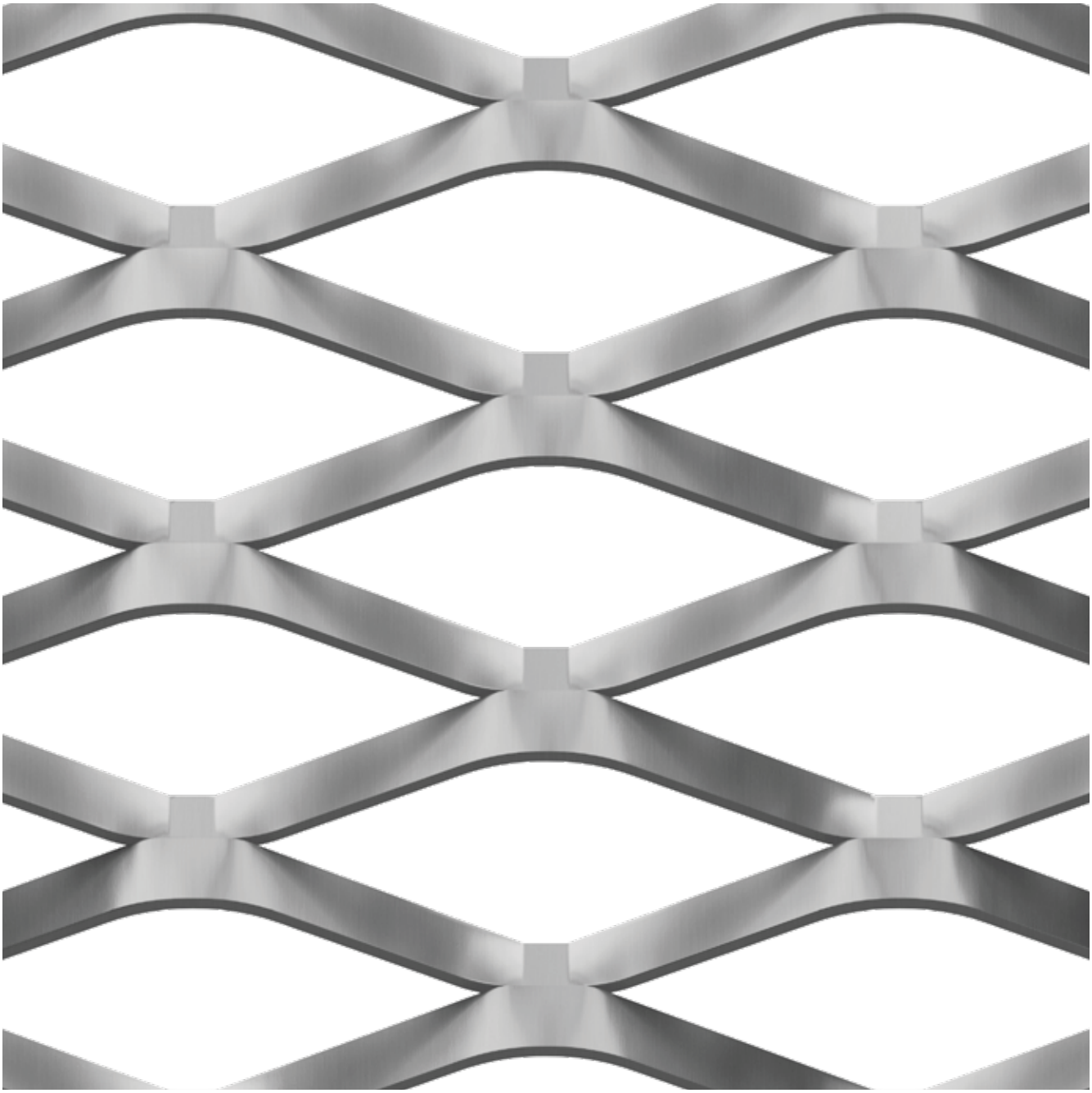
Technical data

Mesh shape	Mesh LWD [mm]	Thickness [mm]	Total thickness [mm]	Dimension Hmax//LWD [mm]	Weight [kg/mq]	Weight [kg/mq]	Front Open Area % (*)	Max Open Area % (*)
RHOMBOIDAL	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

ALUMINUM / MILD STEEL, GALVANIZED STEEL AND STAINLESS STEEL

* Other thicknesses available upon request

FLAMINIO XS



[1:1]

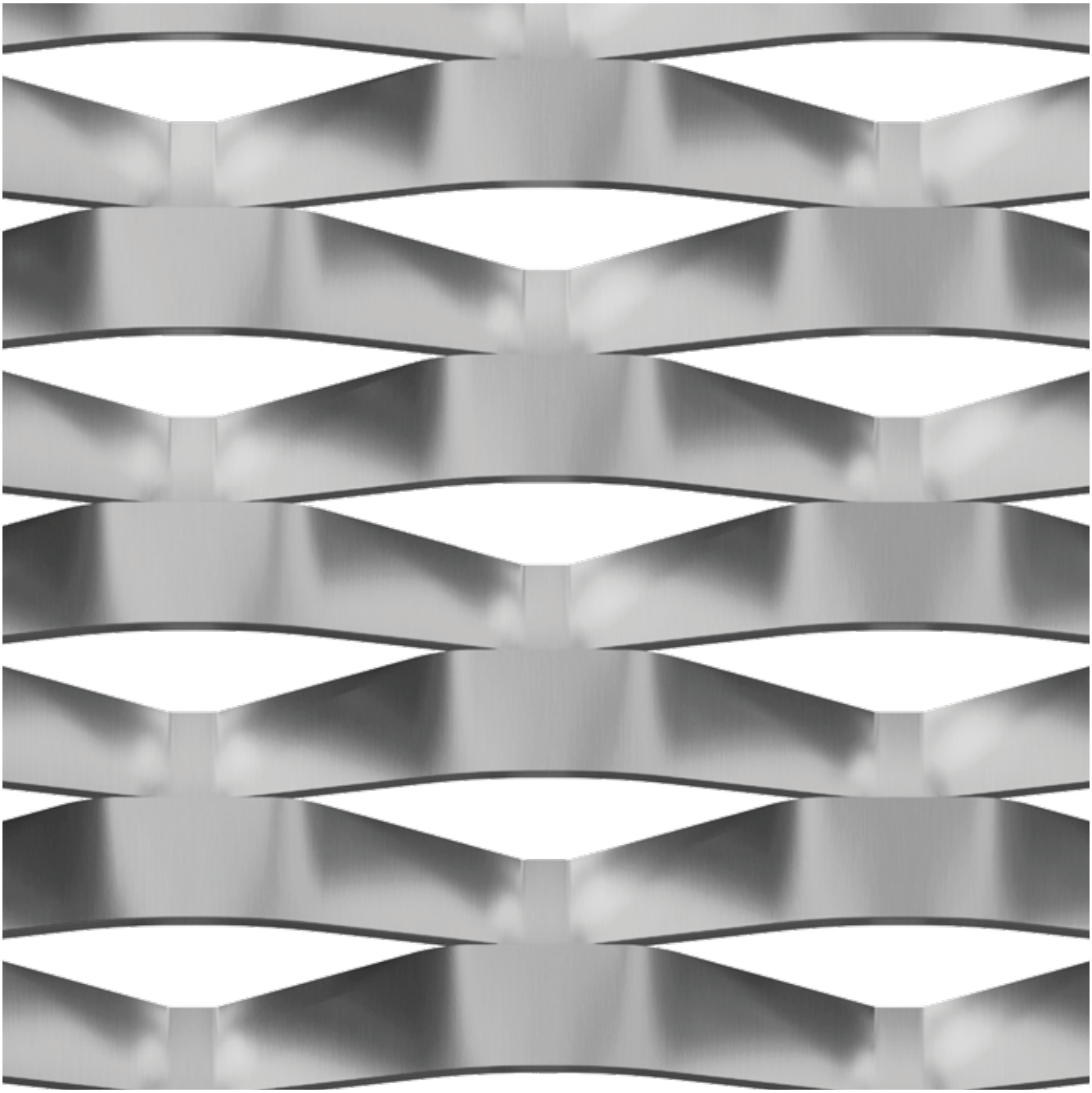
Technical data

Mesh shape	Mesh LWD [mm]	Thickness [mm]	Total thickness [mm]	Dimension Hmax//LWD [mm]	Weight [kg/mq]	Weight [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

ALUMINUM / MILD STEEL, GALVANIZED STEEL AND STAINLESS STEEL

* Other thicknesses available upon request

FLAMINIO



[1:1]

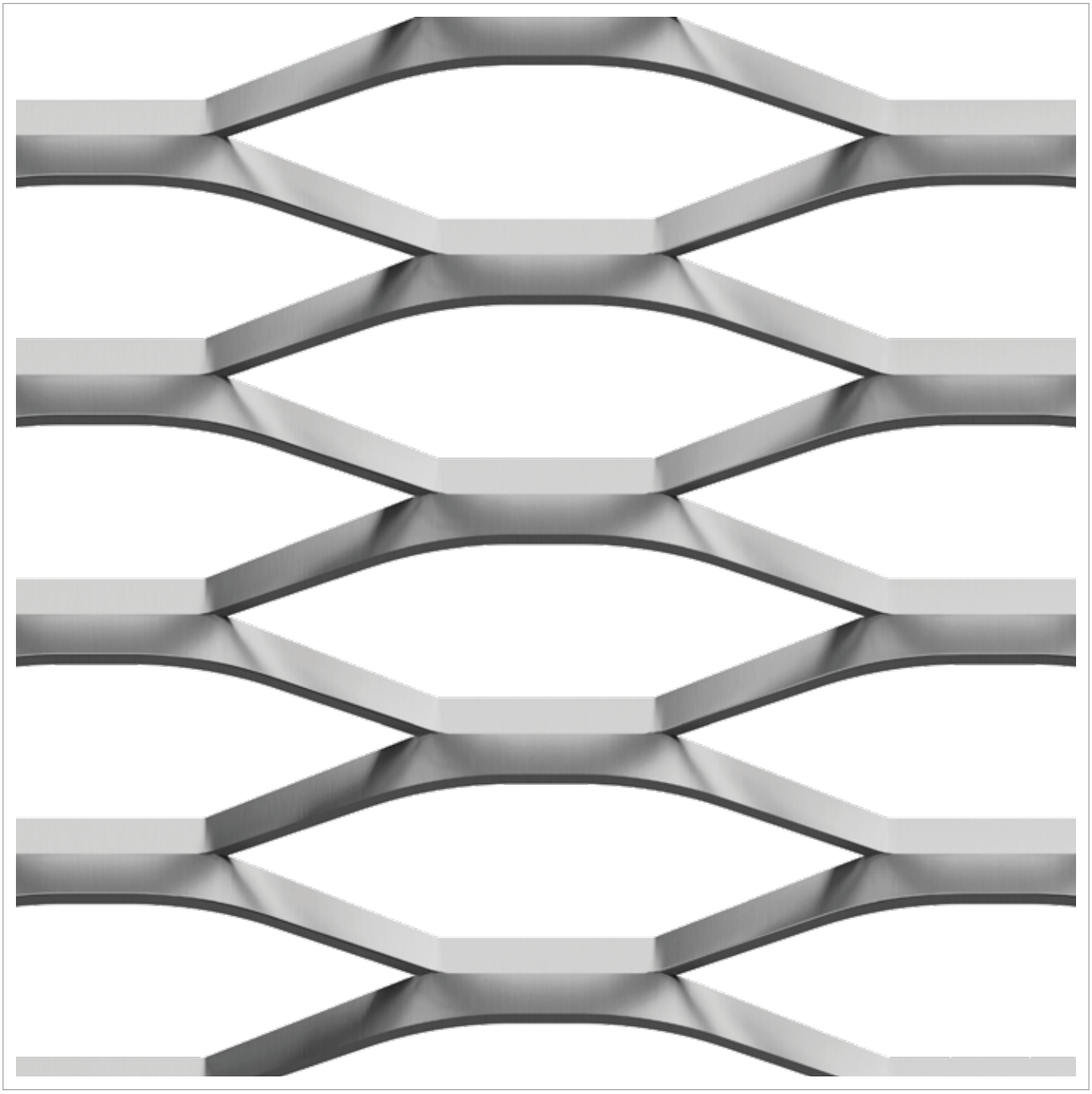
Technical data

Mesh shape	Mesh LWD [mm]	Thickness [mm]	Total thickness [mm]	Dimension Hmax//LWD [mm]	Weight [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

ALUMINUM / MILD STEEL, GALVANIZED STEEL AND STAINLESS STEEL

* Other thicknesses available upon request

JUMEIRAH XS



[1:1]

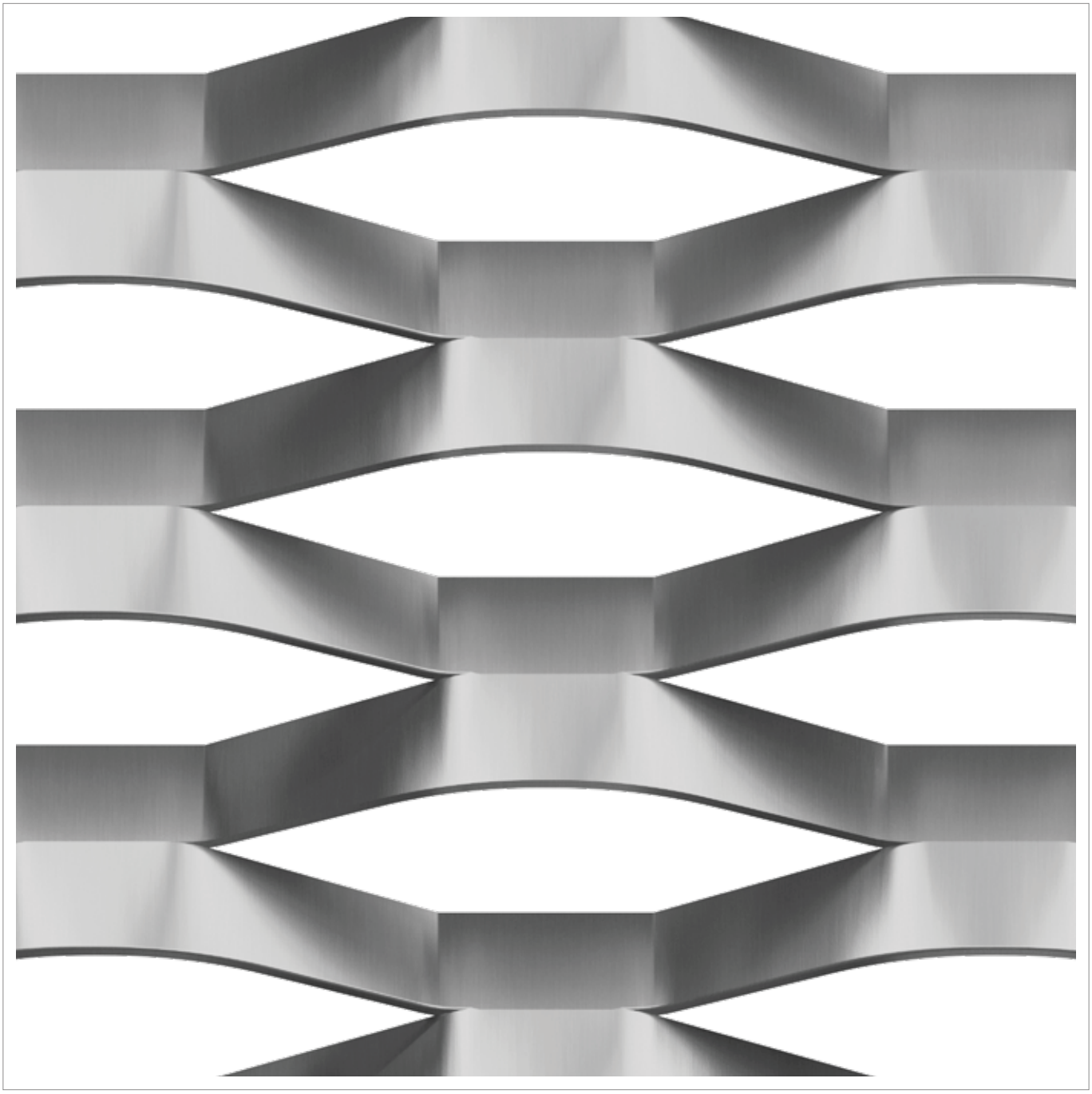
Technical data

Mesh shape	Mesh LWD [mm]	Thickness [mm]	Total thickness [mm]	Dimension Hmax//LWD [mm]	Weight [kg/mq]	Weight [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

ALUMINUM / MILD STEEL, GALVANIZED STEEL AND STAINLESS STEEL

* Other thicknesses available upon request

JUMEIRAH



[1:1]

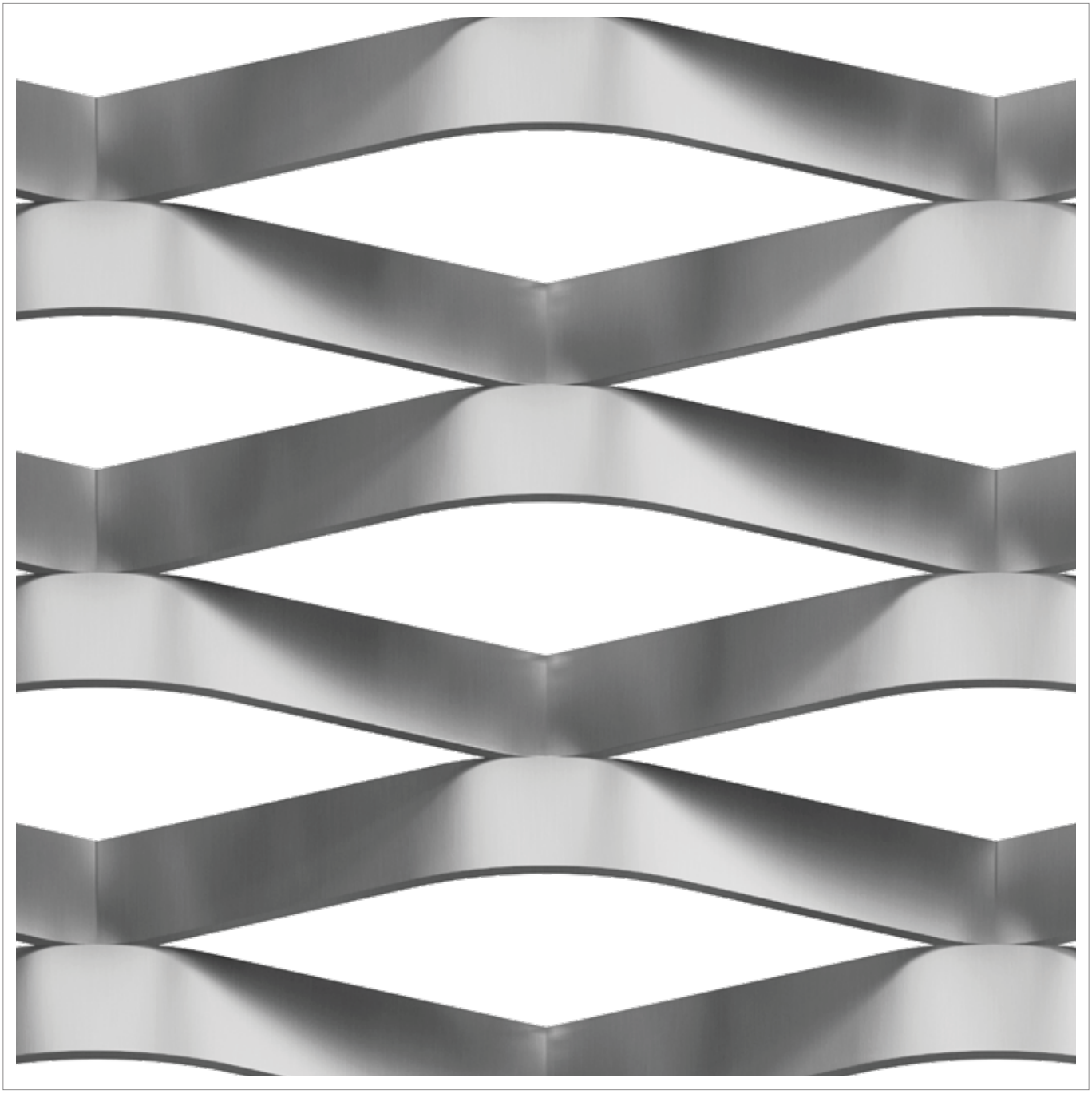
Technical data

Mesh shape	Mesh LWD [mm]	Thickness [mm]	Total thickness [mm]	Dimension Hmax//LWD [mm]	Weight [kg/mq]	Weight [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

ALUMINUM / MILD STEEL, GALVANIZED STEEL AND STAINLESS STEEL

* Other thicknesses available upon request

PASADENA



[1:1]

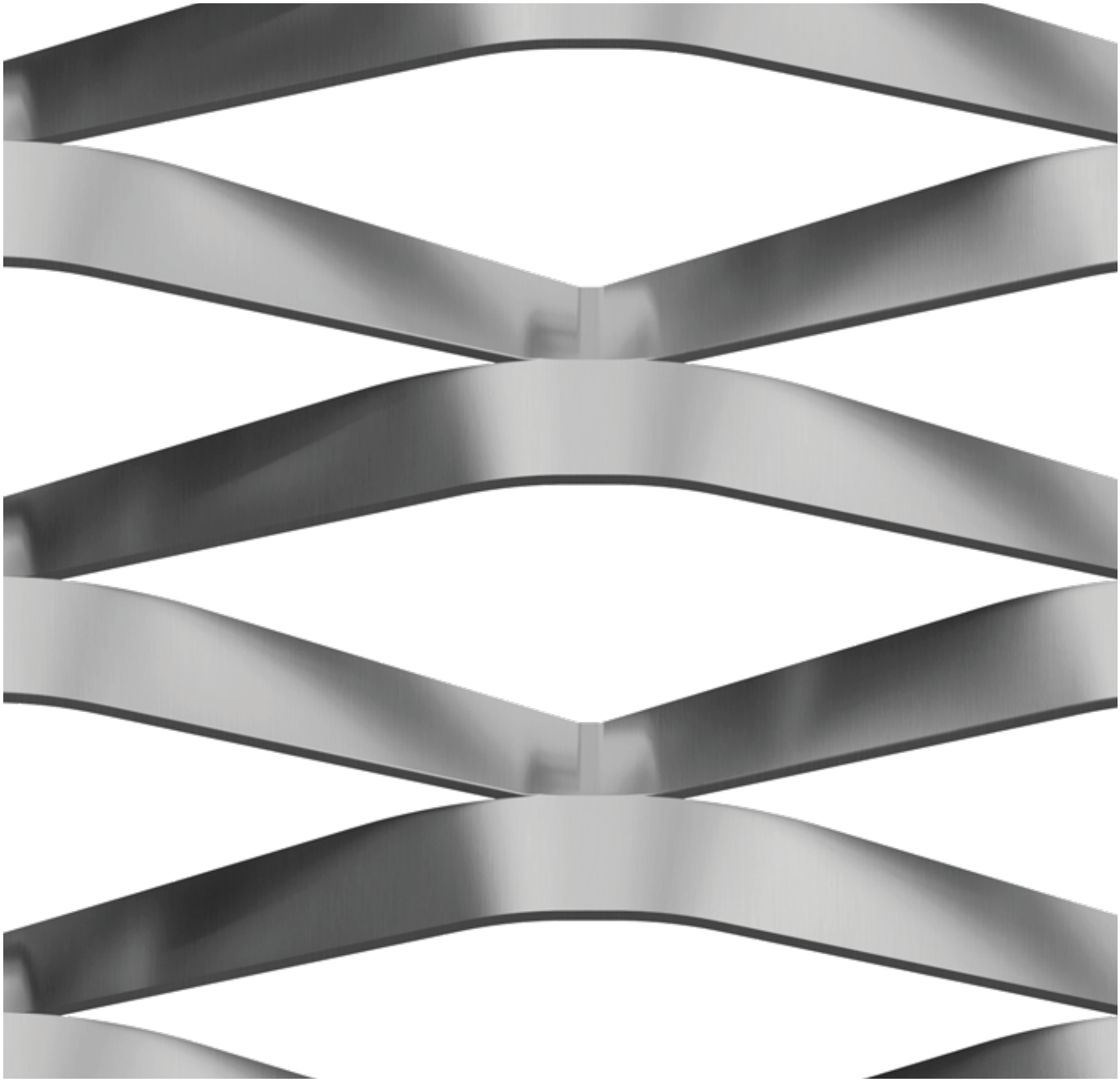
Technical data

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]

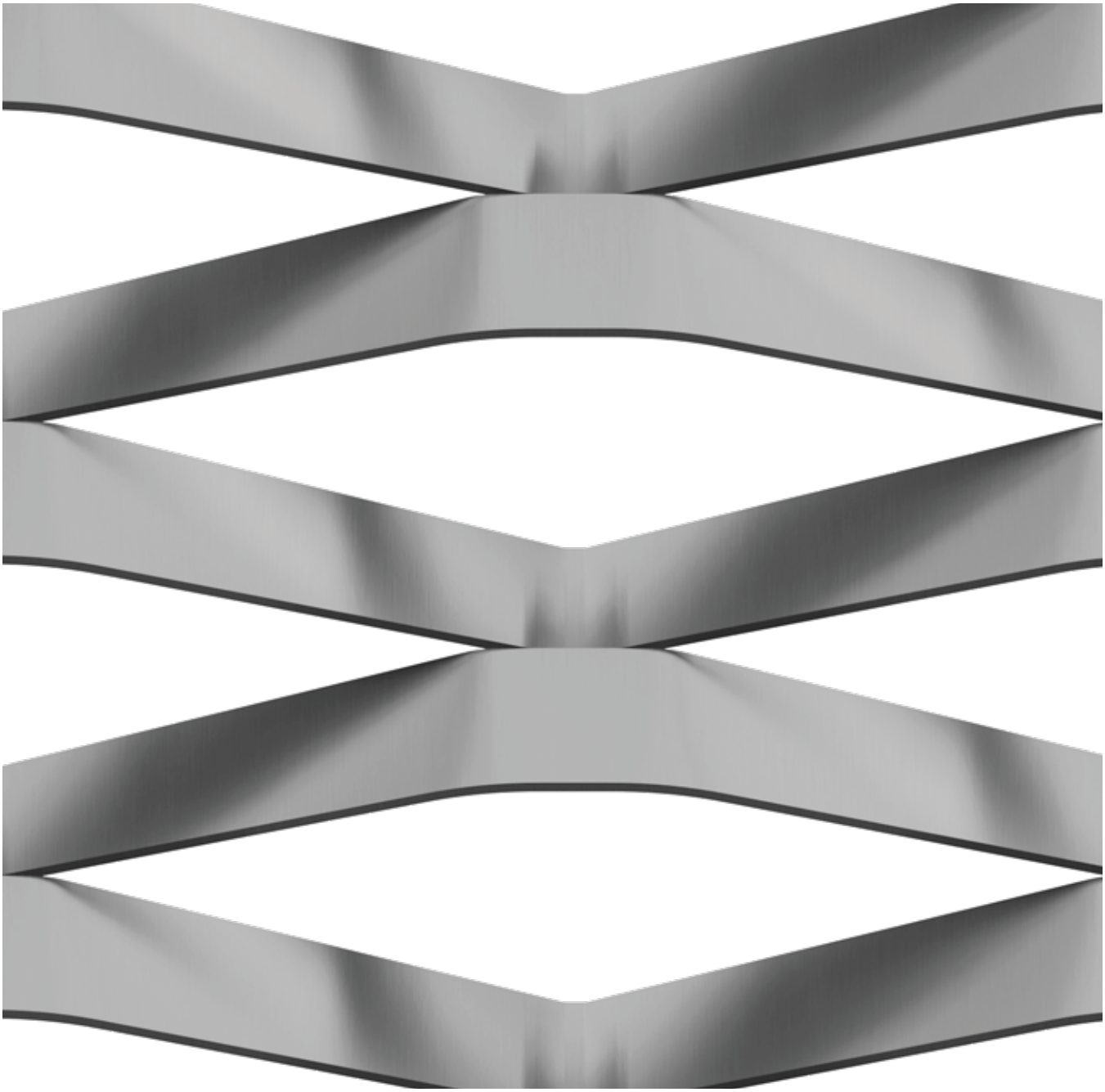
Technical data

Mesh shape	Mesh LWD [mm]	Thickness [mm]	Total thickness [mm]	Dimension Hmax//LWD [mm]	Weight [kg/mq]	Weight [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

ALUMINUM / MILD STEEL, GALVANIZED STEEL AND STAINLESS STEEL

* Other thicknesses available upon request

BROADWAY XL



[1:1]

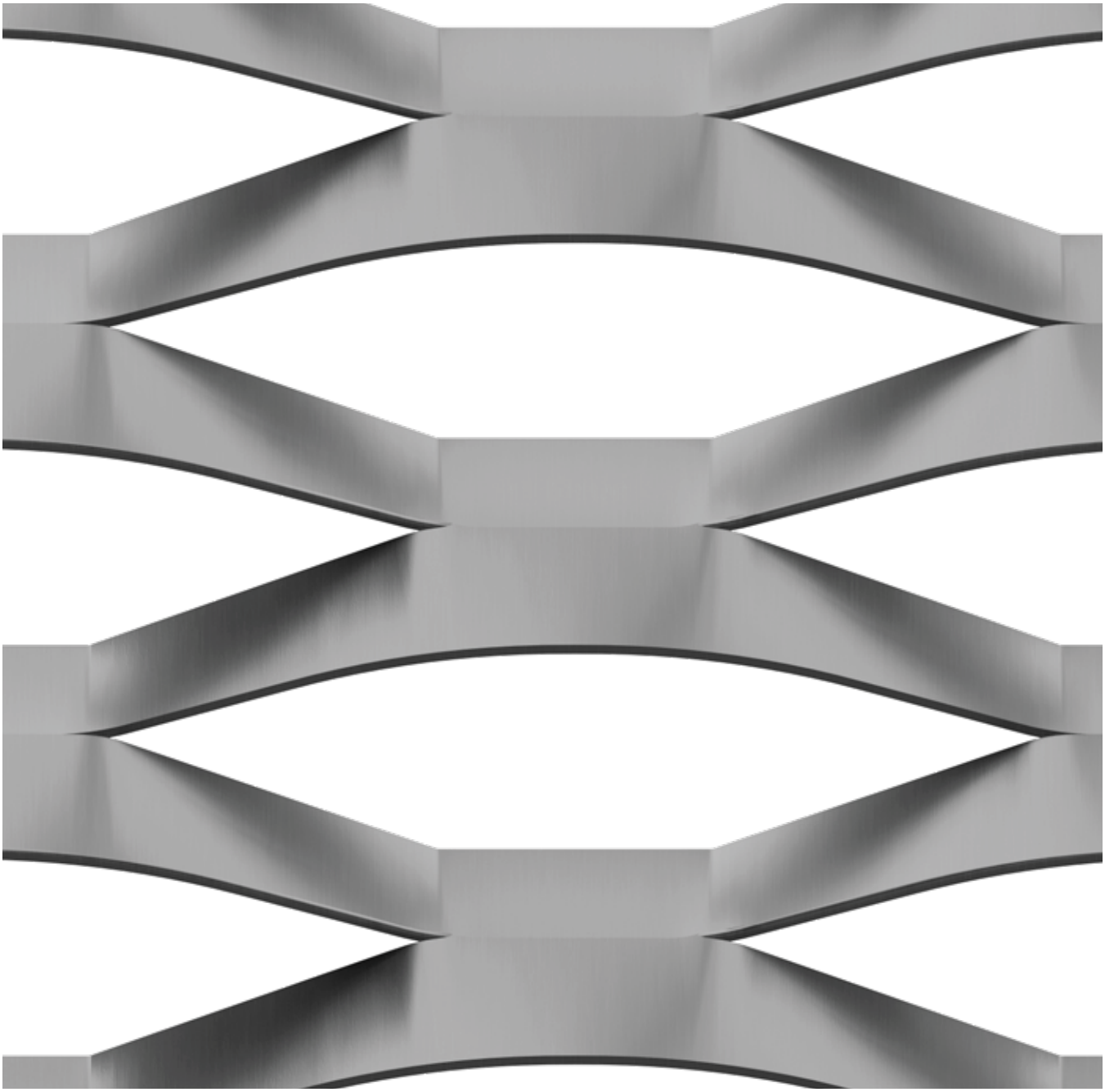
Technical data

Mesh shape	Mesh LWD [mm]	Thickness [mm]	Total thickness [mm]	Dimension Hmax//LWD [mm]	Weight [kg/mq]	Weight [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

ALUMINUM / MILD STEEL, GALVANIZED STEEL AND STAINLESS STEEL

* Other thicknesses available upon request

JEREZ XS



[1:1]

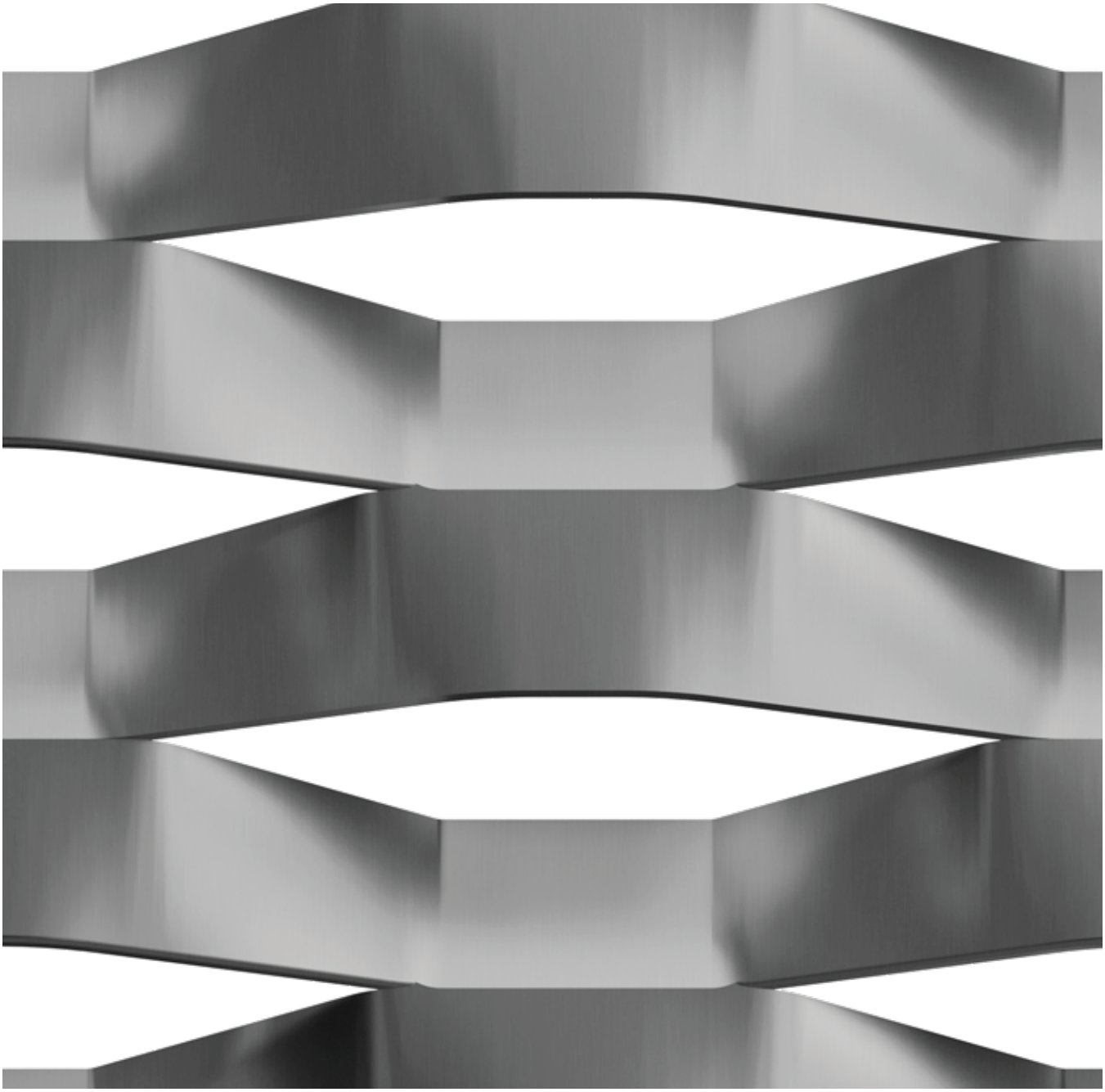
Technical data

Mesh shape	Mesh LWD [mm]	Thickness [mm]	Total thickness [mm]	Dimension Hmax//LWD [mm]	Weight [kg/mq]	Weight [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

ALUMINUM / MILD STEEL, GALVANIZED STEEL AND STAINLESS STEEL

* Other thicknesses available upon request

JEREZ



[1:1]

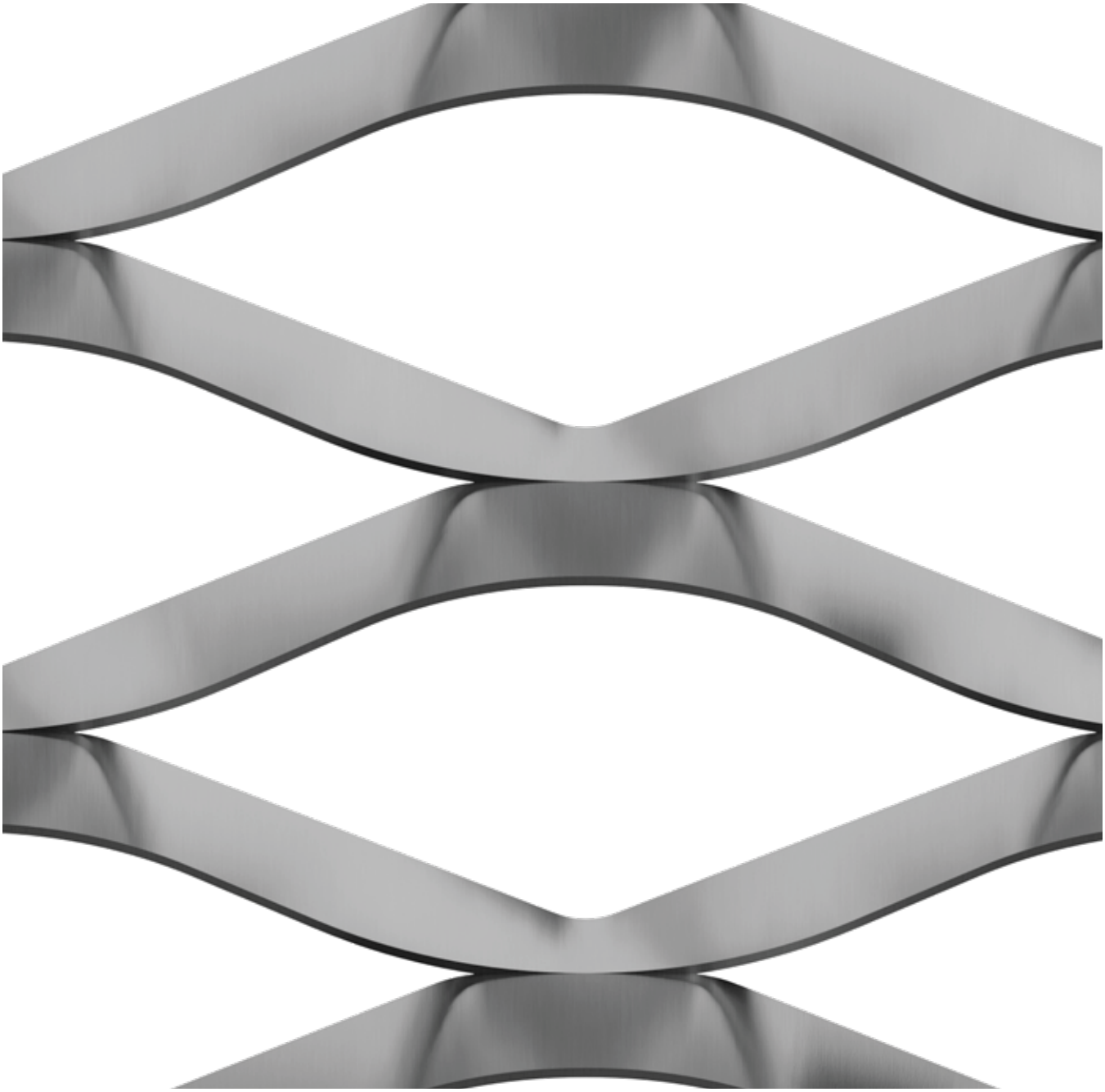
Technical data

Mesh shape	Mesh LWD [mm]	Thickness [mm]	Total thickness [mm]	Dimension Hmax//LWD [mm]	Weight [kg/mq]	Weight [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

ALUMINUM / MILD STEEL, GALVANIZED STEEL AND STAINLESS STEEL

* Other thicknesses available upon request

SKYLINE



[1:1]

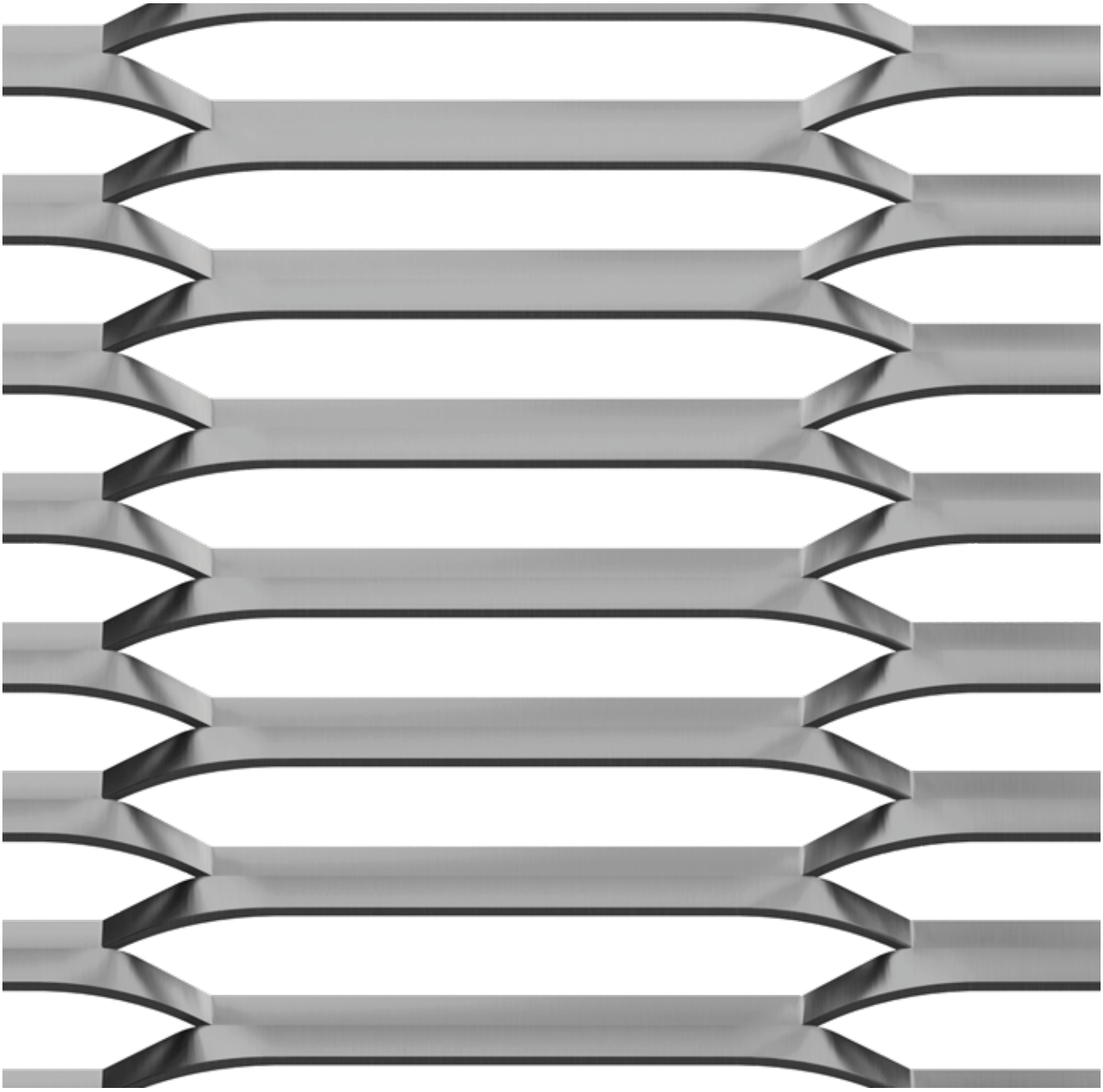
Technical data

Mesh shape	Mesh LWD [mm]	Thickness [mm]	Total thickness [mm]	Dimension Hmax//LWD [mm]	Weight [kg/mq]	Weight [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

ALUMINUM / MILD STEEL, GALVANIZED STEEL AND STAINLESS STEEL

* Other thicknesses available upon request

BERG XS



[1:1]

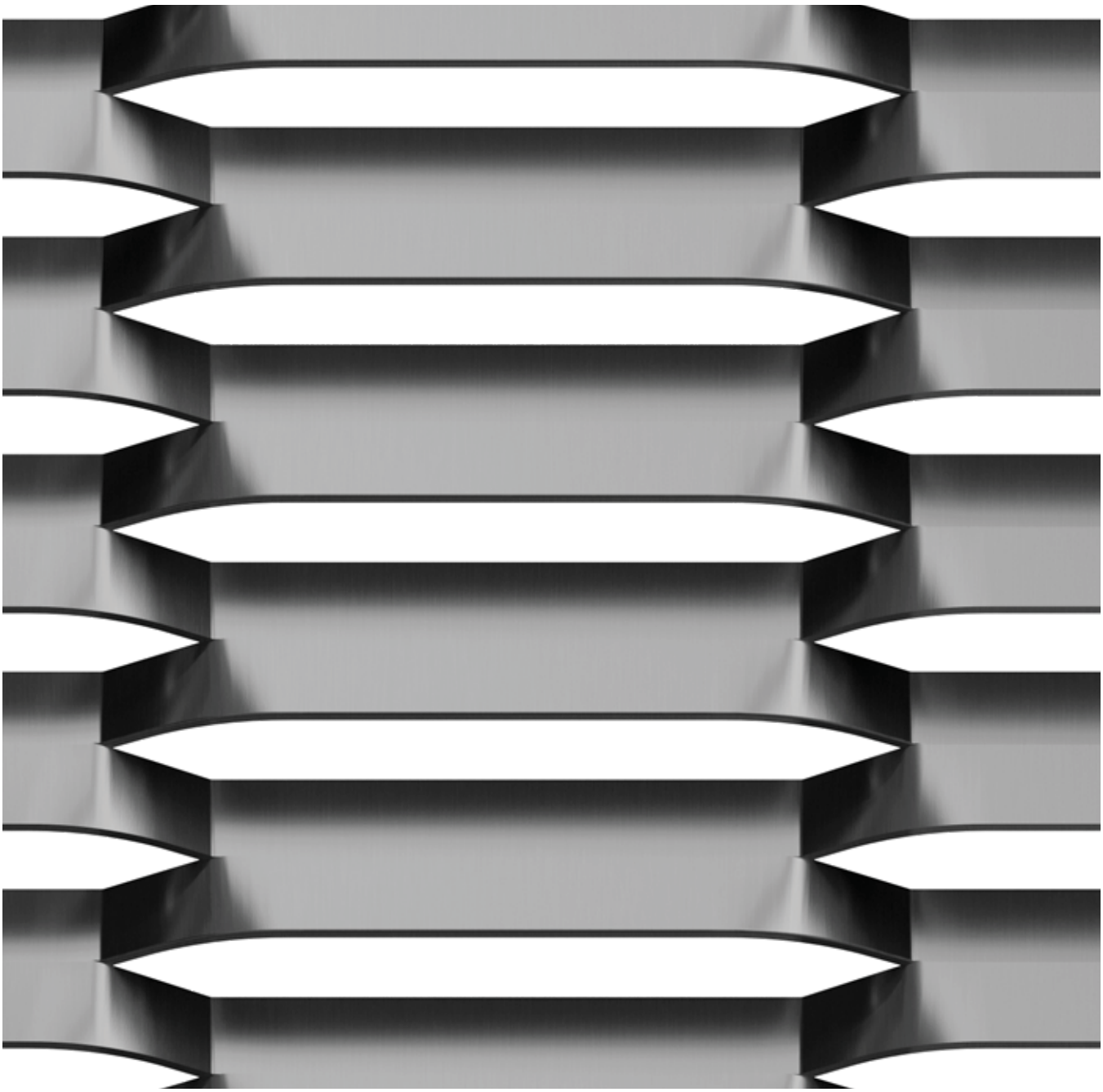
Technical data

Mesh shape	Mesh LWD [mm]	Thickness [mm]	Total thickness [mm]	Dimension Hmax//LWD [mm]	Weight [kg/mq]	Weight [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

ALUMINUM / MILD STEEL, GALVANIZED STEEL AND STAINLESS STEEL

* Other thicknesses available upon request

BERG



[1:1]

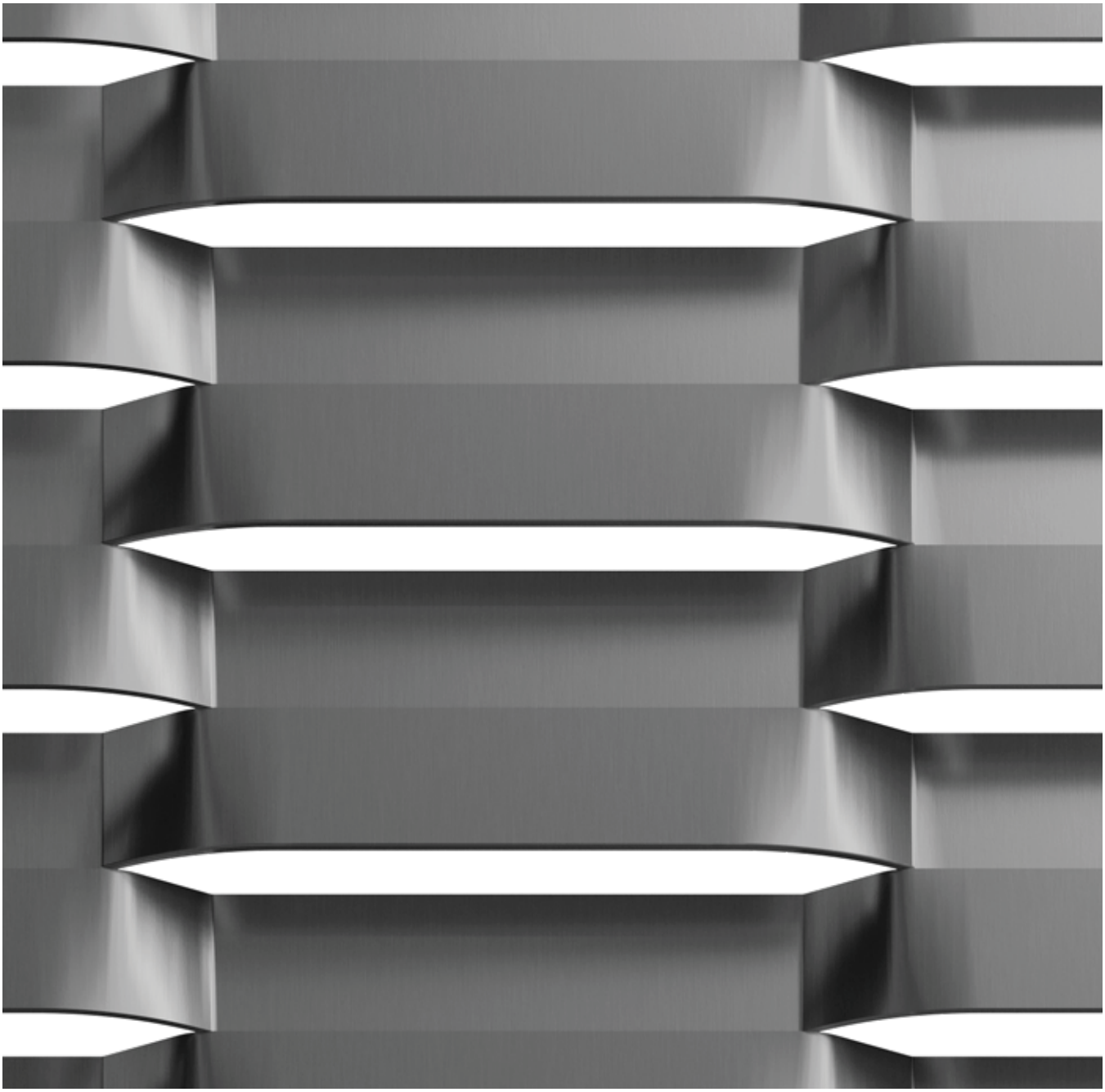
Technical data

Mesh shape	Mesh LWD [mm]	Thickness [mm]	Total thickness [mm]	Dimension Hmax//LWD [mm]	Weight [kg/mq]	Weight [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

ALUMINUM / MILD STEEL, GALVANIZED STEEL AND STAINLESS STEEL

* Other thicknesses available upon request

BERG XL



[1:1]

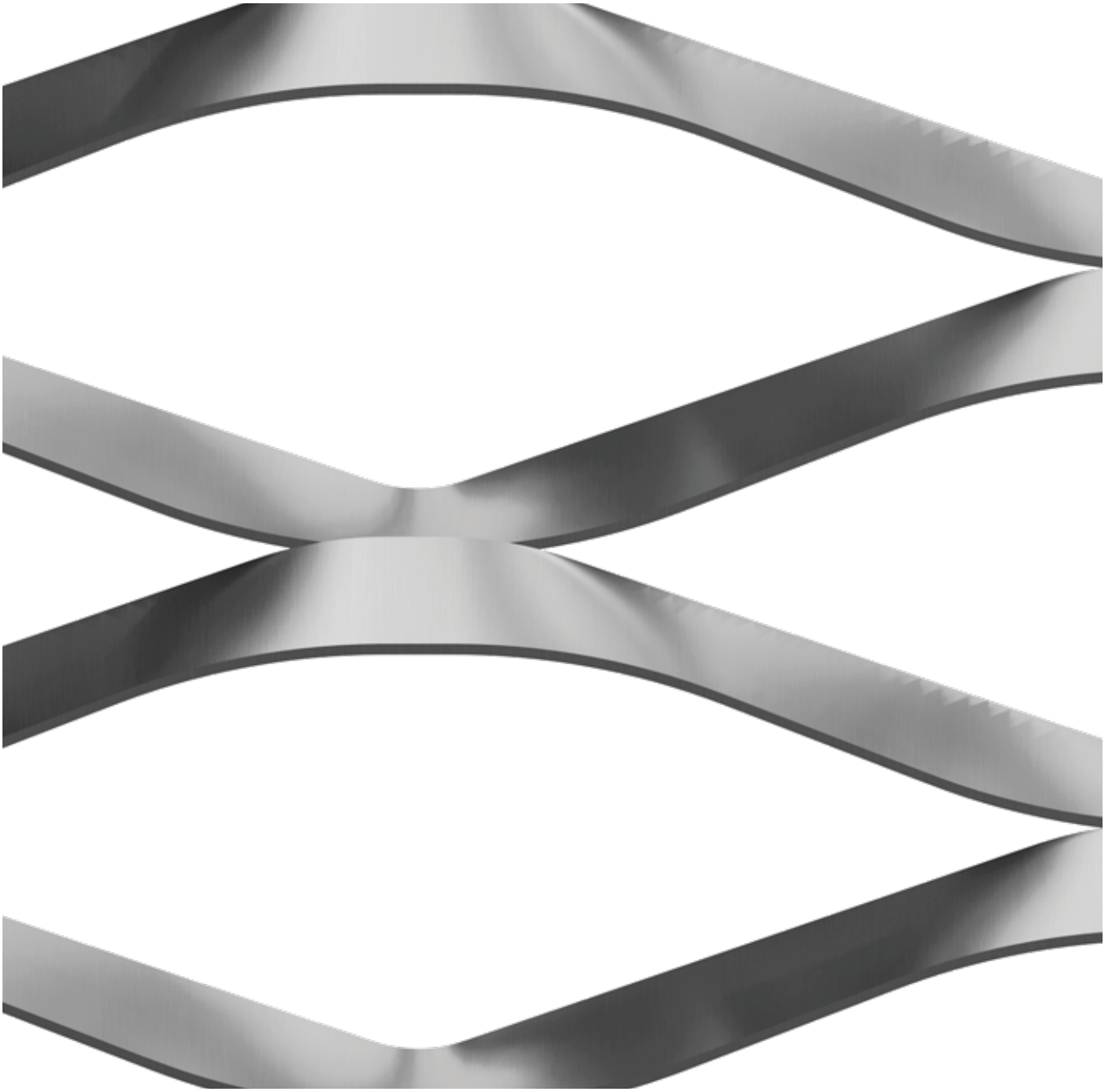
Technical data

Mesh shape	Mesh LWD [mm]	Thickness [mm]	Total thickness [mm]	Dimension Hmax//LWD [mm]	Weight [kg/mq]	Weight [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

ALUMINUM / MILD STEEL, GALVANIZED STEEL AND STAINLESS STEEL

* Other thicknesses available upon request

MANHATTAN XS



[1:1]

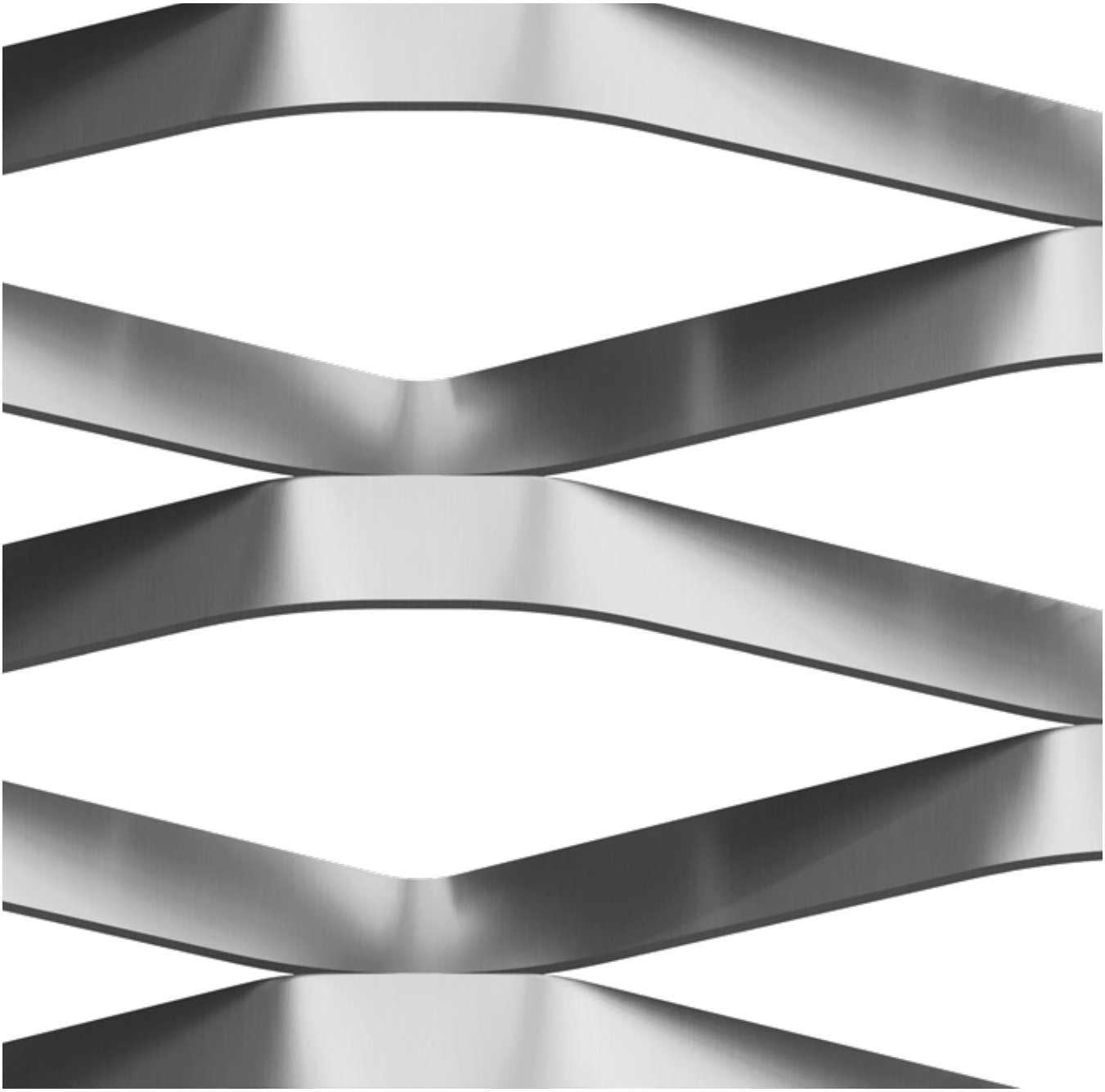
Technical data

Mesh shape	Mesh LWD [mm]	Thickness [mm]	Total thickness [mm]	Dimension Hmax//LWD [mm]	Weight [kg/mq]	Weight [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

ALUMINUM / MILD STEEL, GALVANIZED STEEL AND STAINLESS STEEL

* Other thicknesses available upon request

MANHATTAN



[1:1]

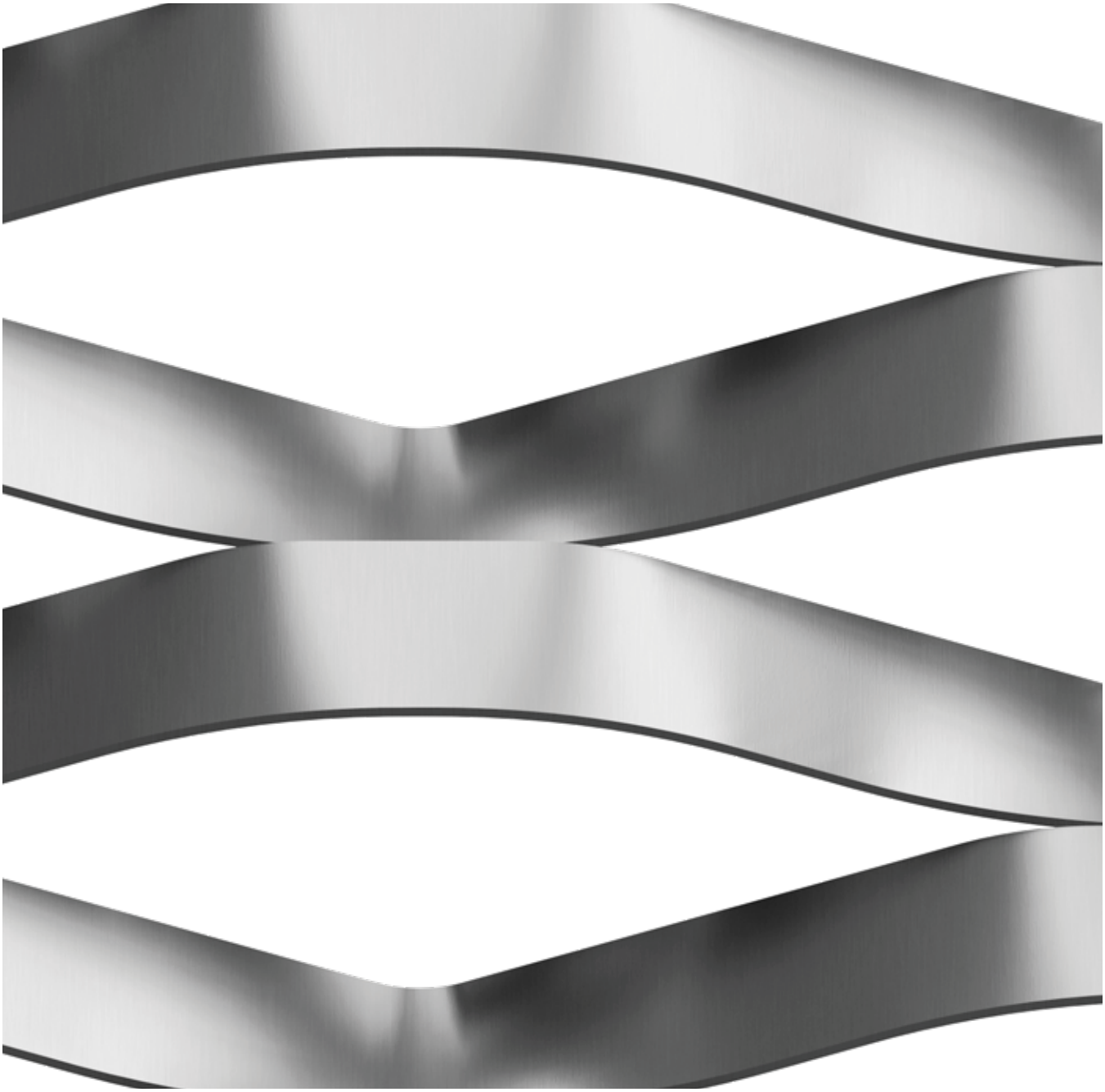
Technical data

Mesh shape	Mesh LWD [mm]	Thickness [mm]	Total thickness [mm]	Dimension Hmax//LWD [mm]	Weight [kg/mq]	Weight [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

ALUMINUM / 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 [kg/mq]	Weight [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

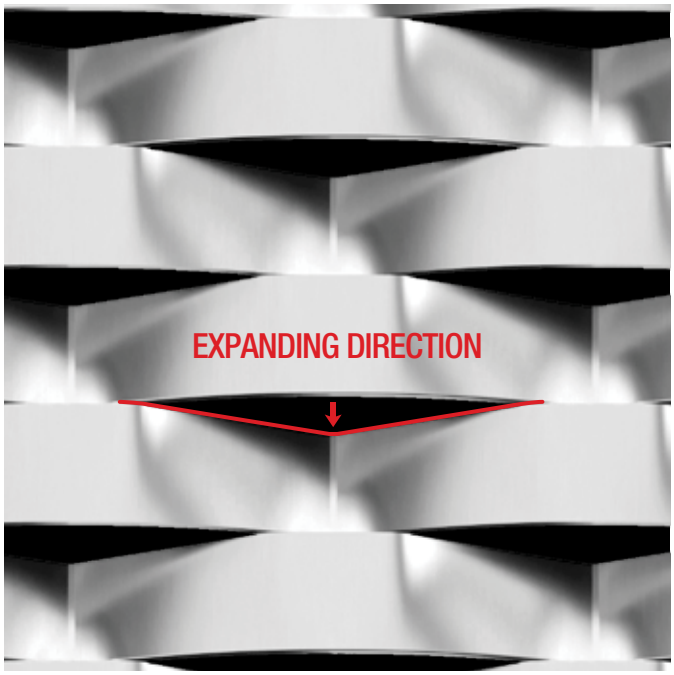
ALUMINUM / MILD STEEL, GALVANIZED STEEL AND STAINLESS STEEL

* Other thicknesses available upon request

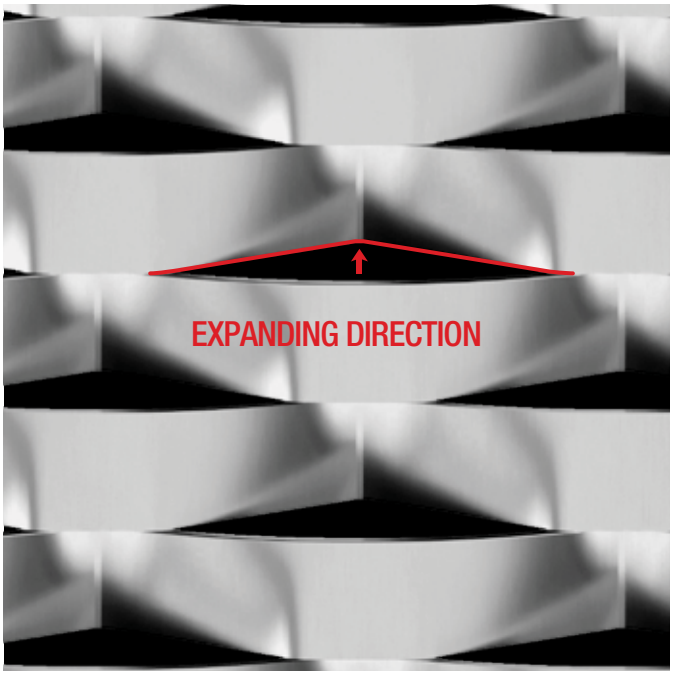
The 4 sides of expanded metal

Side A

SMOOTH SIDE



SMOOTH SIDE

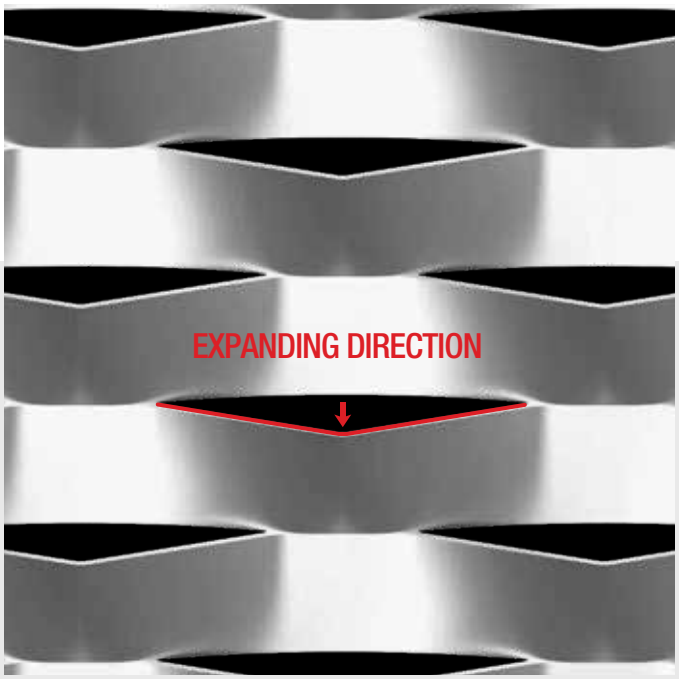


A SIDE in expanding direction (smooth side).

A SIDE against expanding direction.

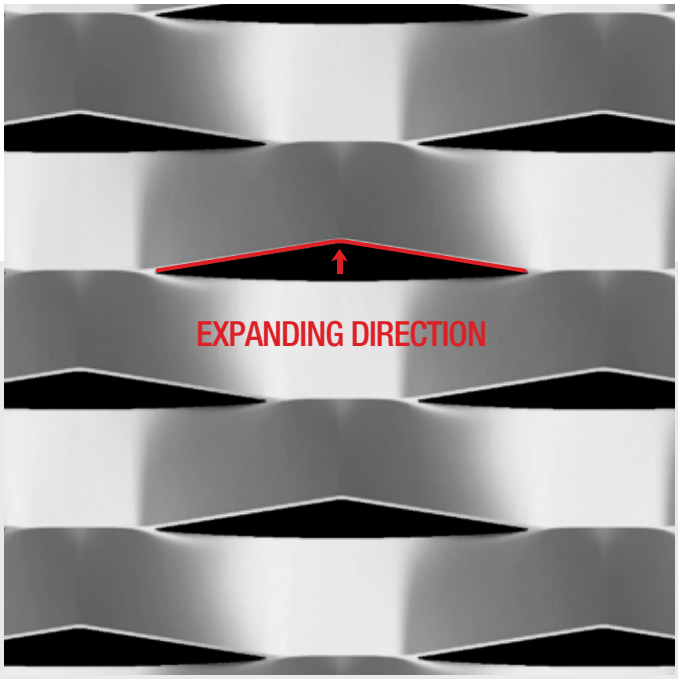
Side B

ROUGH SIDE



B SIDE in expanding direction (rough side).

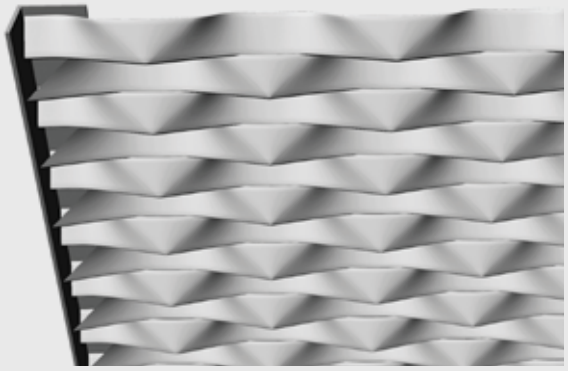
ROUGH SIDE



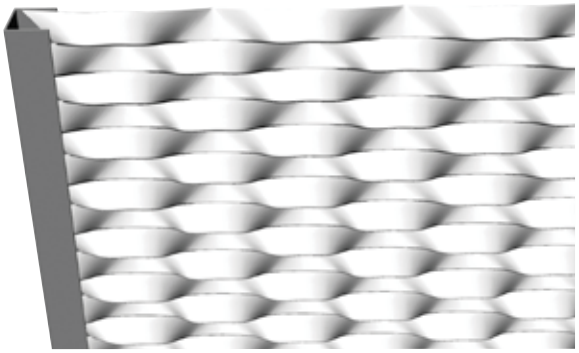
B SIDE against expanding direction.

fixing systems

L profiles



C profiles



Spacers

C-secret

Expanded metal welded inside.

Expanded metal can be easily fixed to the sub-structure just by means of spacers screwed to the mesh itself.

PROJECTS
MREŽA SKYLINE

Lokacija: Slovenija
Projekat: Bolnica

Lokacija: Banja Luka, Zagreb
Projekat: maska od ist. metala na svim Mazda salonima

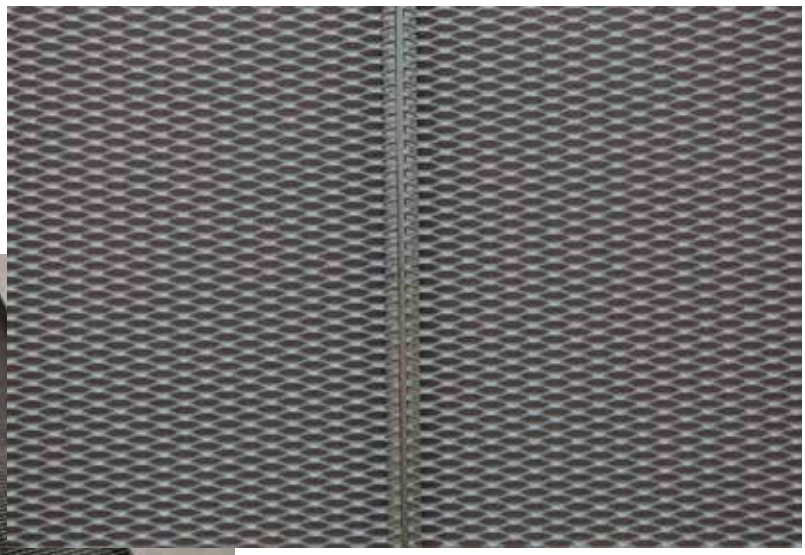
MREŽA SOHO XL

Lokacija: Travnik
Projekat: fasade

*Projekat je pod zaštitom firme FTM Novi Travnik

Lokacija: Banja Luka
Projekat: ograda

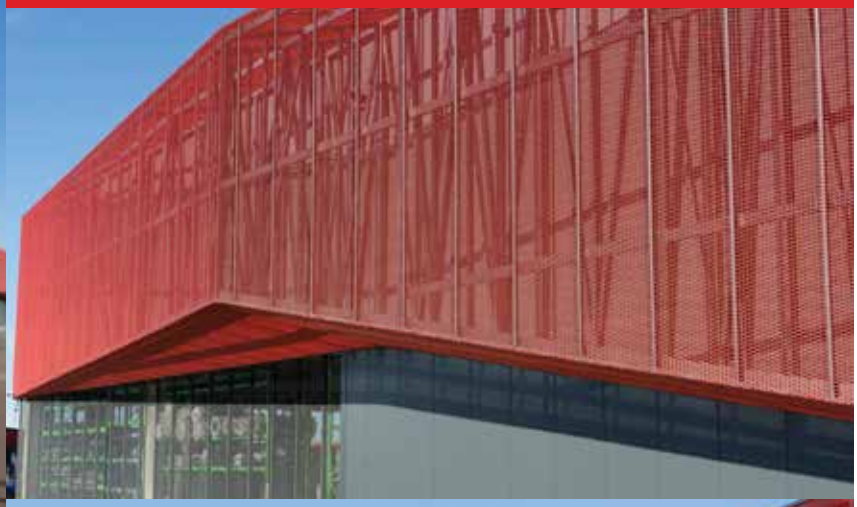
MREŽA PRATER



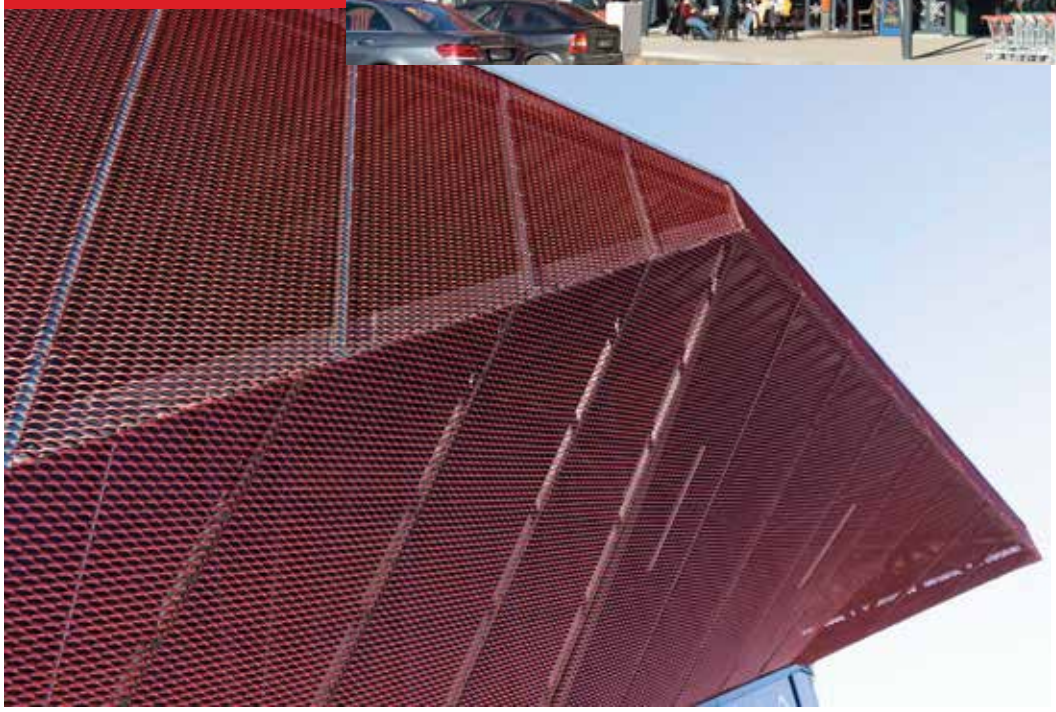
Lokacija Klinički centar
Banja Luka

Lokacija: Francuska
Projekat: ograda

Lokacija: Gradiška
Projekat fasade “Centrum Retail Park”



12 000 m² mreže



Lokacija: Laktaši
Projekat: fasada

MREŽA NAVIGLI I PRATER

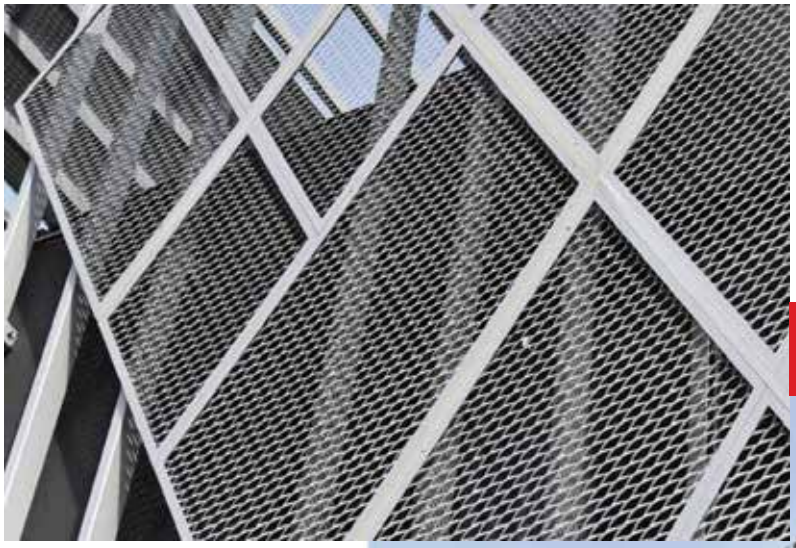
Lokacija: Italija
Projekat: fasada na školi

MREŽA COPACABANA

Lokacija: Mostar
Projekat Pumpe

Lokacija: Slovenija
Projekat ograda na parkingu

MREŽA FLAMINIO



Lokacija: Mostar
Projekat: fasade na Hotelu

Lokacija: Koper, Slovenija
Projekat: Brisoleji na hotelu

Lokacija: Banja Luka
Projekat: fasade na firmi

Lokacija: Banja Luka
Projekat: fasada na auto salonu
“Renault”

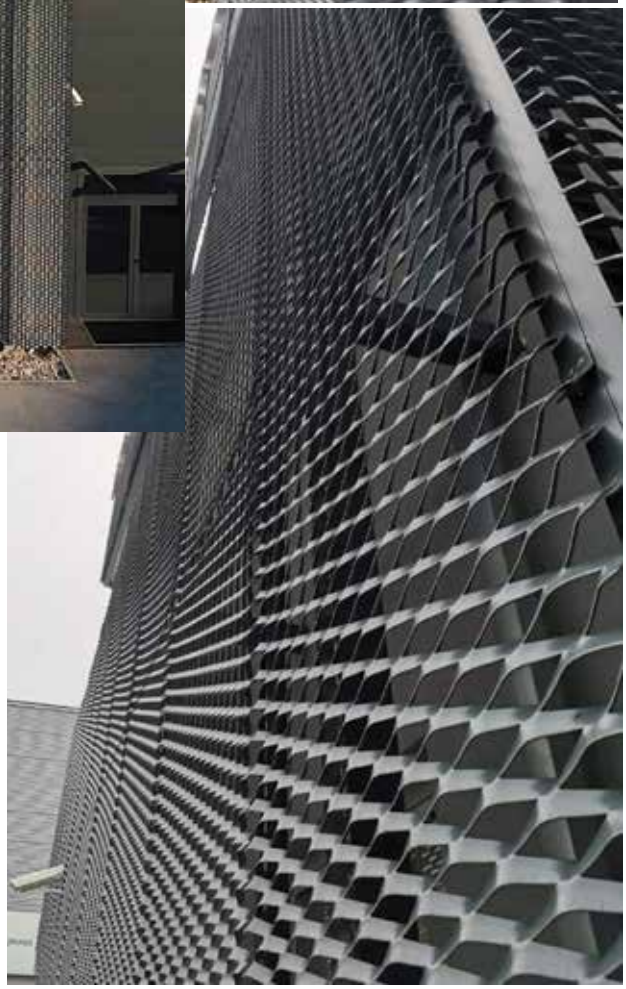
MREŽA FLAMINIO XS

Lokacija: Zagreb
Projekat: ograde

Lokacija: Banja Luka - Klašnice
Projekat: fasade na marketu “Leburić Klašnice”

MREŽA BROADWAY

Lokacija: Zagreb
Projekat: fasade na firmi “Drugi klik”



MREŽA BROADWAY XL

Lokacija: Tuzla
Projekat: fasada Bingo City Centar

Lokacija: Vitez
Projekat: Fasade

MREŽA HEXAGONALE 45x13 mm

Lokacija: Prnjavor
Projekat: Gazišta-stepenica

MREŽA R 43x20 mm

Lokacija: Gradiška
Projekat: Centrum Park

MREŽA "ROMB 45x20"

Lokacija: Švedska
Projekat: Ogradni sistem

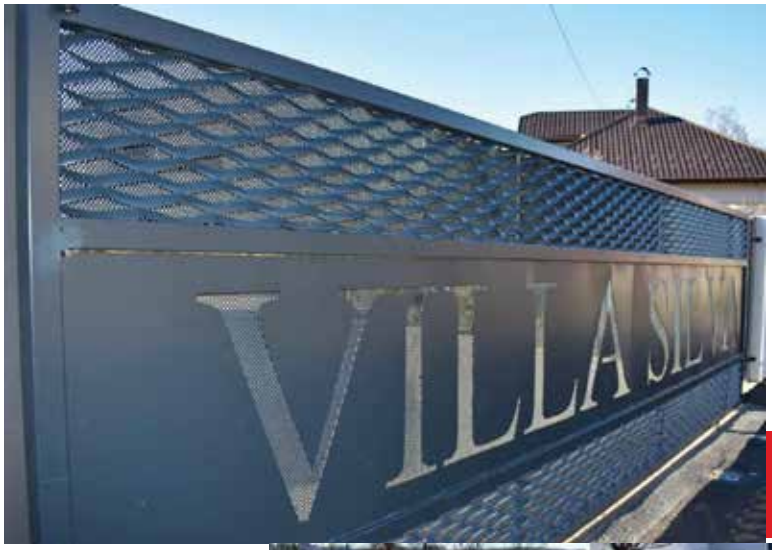
MREŽA MARACANA

Materijal: korten
Lokacija: Francuska

Materijal: inoks
Lokacija: Francuska
Projekat: ventilisana fasada

MREŽA NOTRE DAME

Lokacija: Banja Luka i Trebinje
Projekat: Krajiška kuća



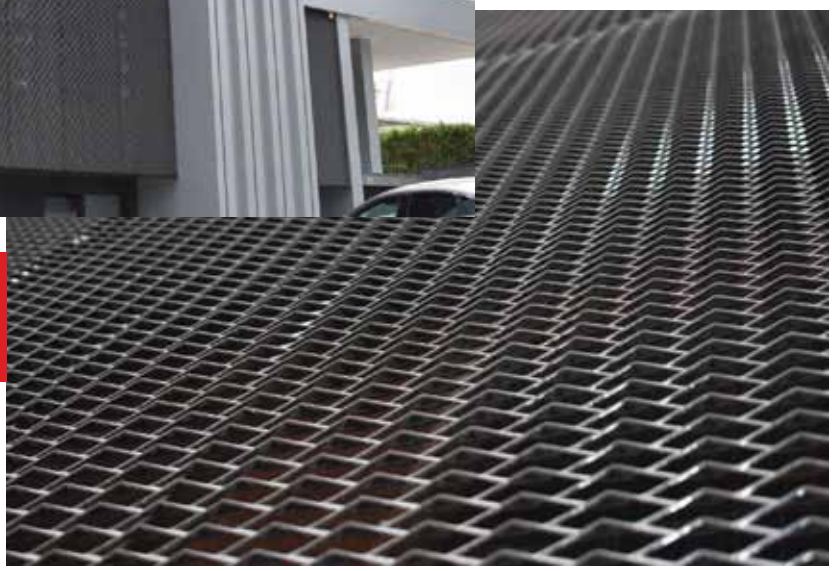
MREŽA PASADENA

Lokacija: Banja Luka
Projekat: ograde

MREŽA CHELSEA

Lokacija: Banja Luka
Projekat: obloga na zidu, Frutela

MREŽA BRERA



Lokacija: Široki Brijeg
Projekat: fasada na poslovnom objektu Mepas

Bureau Veritas Certification

METAL TEHNOLOGIJA d.o.o.

Kninska bb, 74400 Derventa, Bosnia and Herzegovina

Bureau Veritas Certification Holding SAS – UK Branch certifies that the Management System of the above organisation has been audited and found to be in accordance with the requirements of the management system standards detailed below

ISO 9001:2015

Scope of certification

MANUFACTURING OF EXPANDED METAL AND COMPONENTS MADE FROM EXPANDED METAL, MESH AND METAL.

Original Cycle Start Date:	**03-08-2011**
Expiry Date of Previous Cycle:	**02-08-2020**
Certification / Recertification Audit Date:	**27-07-2020**
Certification / Recertification Cycle Start Date:	**31-07-2020**
Subject to the continued satisfactory operation of the organization's Management System, this certificate expires on:	**02-08-2023**

Certificate No. : **HR007733** Version: **1** Issue Date: **31-07-2020**

UKAS MANAGEMENT SYSTEMS

0008

Certification Body Address: 5th Floor, 66 Prescot Street, London, E1 8HG, United Kingdom

Local Office: Ciottina 17a, 51000 Rijeka, Croatia

Further clarifications regarding the scope of this certificate and the applicability of the management system requirements may be obtained by consulting the organisation.

To check this certificate validity please call: 00 385 51 213 672

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Bosna i Hercegovina

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