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RMIG EXPANDED METAL



RMIG EXPANDED METAL
For building and
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As our customer, you benefit greatly by everything coming together in a one-stop-shop solution. By partnering with RMIG, you get a competent manufacturer and supplier of perforated and expanded metal products, access to an extensive range of stock sheets and tailor-made products from our many production units, and a dedicated team of experienced craftsmen to advise you according to your specific needs and wishes. Our experience is your advantage.

About RMIG

- Manufacturer and supplier of perforated and expanded metal products
- Thousands of different products in stock ready for immediate delivery
- Wide choice of tools for tailor-made solutions
- Own tool production and R & D department
- ISO 9001:2008 certified manufacturing plants
- High service level for small orders and large projects
- More than 100 years of experience



RMIG EXPANDED METAL

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An expanded world of applications



LIGHT, COST-EFFECTIVE AND EXTREMELY VERSATILE – DISCOVER THE ENDLESS POSSIBILITIES OFFERED BY RMIG EXPANDED METAL

RMIG Expanded Metal is light, cost-effective and versatile, making it a very popular and attractive choice for both buildings and industrial applications.

Other advantages:

- Made in one piece – Expanded metal is not assembled or welded but always manufactured in one piece. No metal is lost in the process.
- Greater strength – Thanks to the three-dimensional shape of the meshes, RMIG Expanded Metal is strong and can stand a heavy point load.
- Secondary operations – Save time and reduce costs by letting RMIG take care of secondary operations such as bending, welding, hot dip galvanising, painting or anodising.

Ideal choice for buildings and architecture

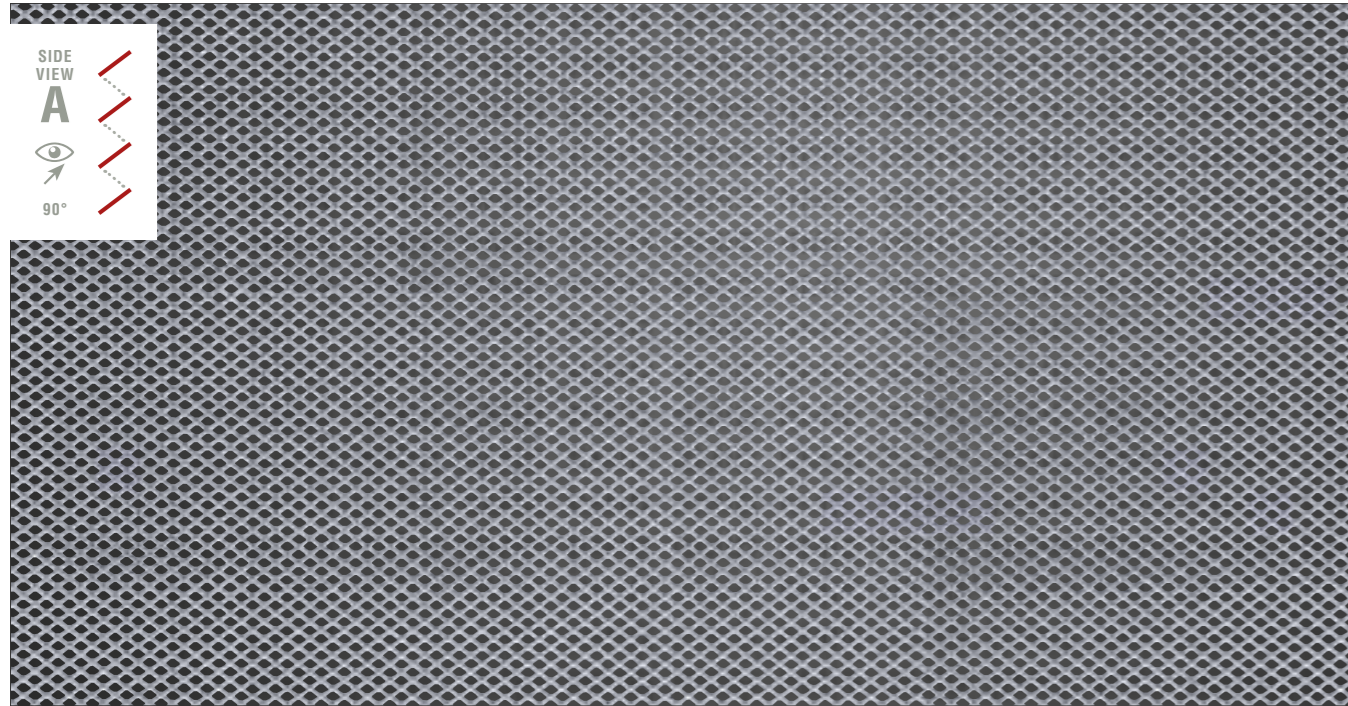
The high strength and anti-skid qualities make RMIG Expanded Metal well suited for applications such as walkways, footbridges, ramps, platforms and barriers. Due to its noise reduction characteristics, RMIG Expanded Metal can be used for sound absorption on ceilings and wall cladding, and can also be used at airports and bus stops.

Architects favour RMIG Expanded Metal for facade cladding, sun screens, fencing and protective shielding because of the aesthetic qualities and the creative freedom that the material and production process provides.

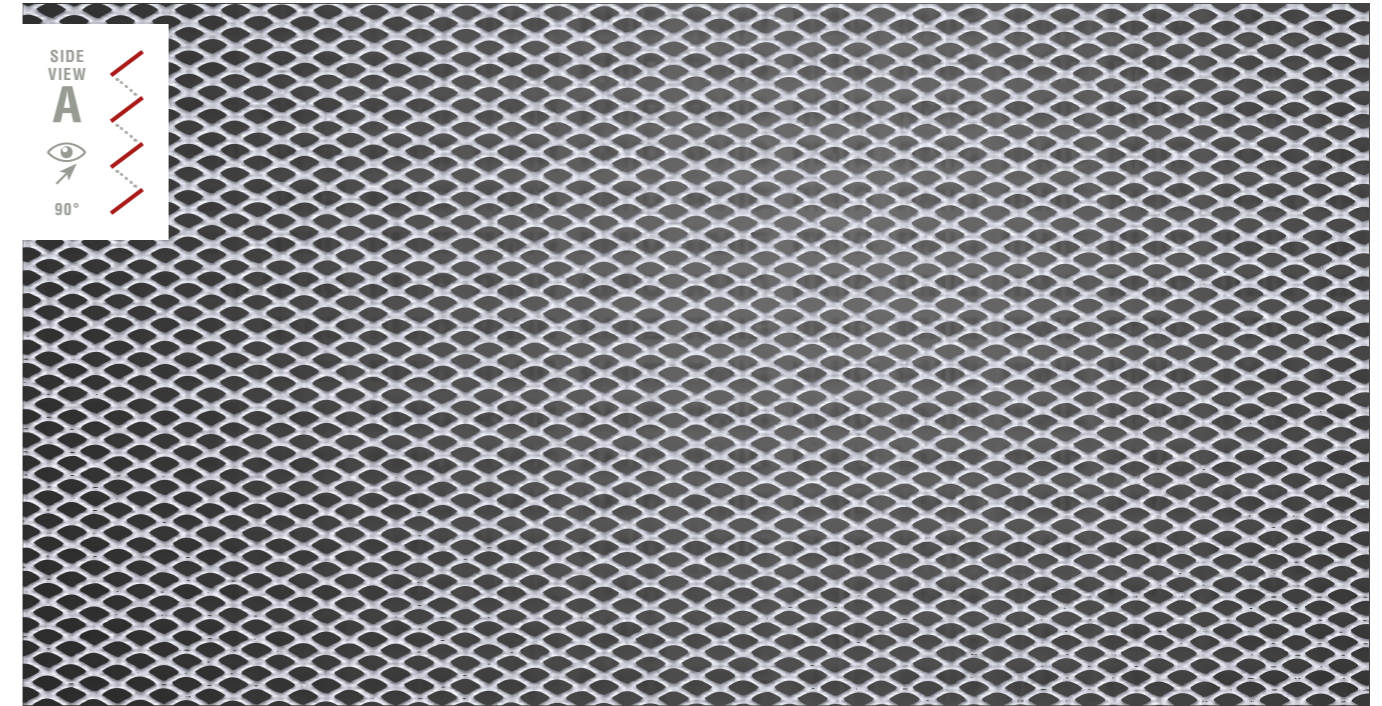
Expanded metal for agriculture and industry

For the industrial and agricultural sectors, RMIG Expanded Metal is used for a wide range of applications. For production facilities, expanded metal is often the obvious choice for filtration and ventilation. As in the building sector, expanded metal is also used for floors, walkways and shielding.

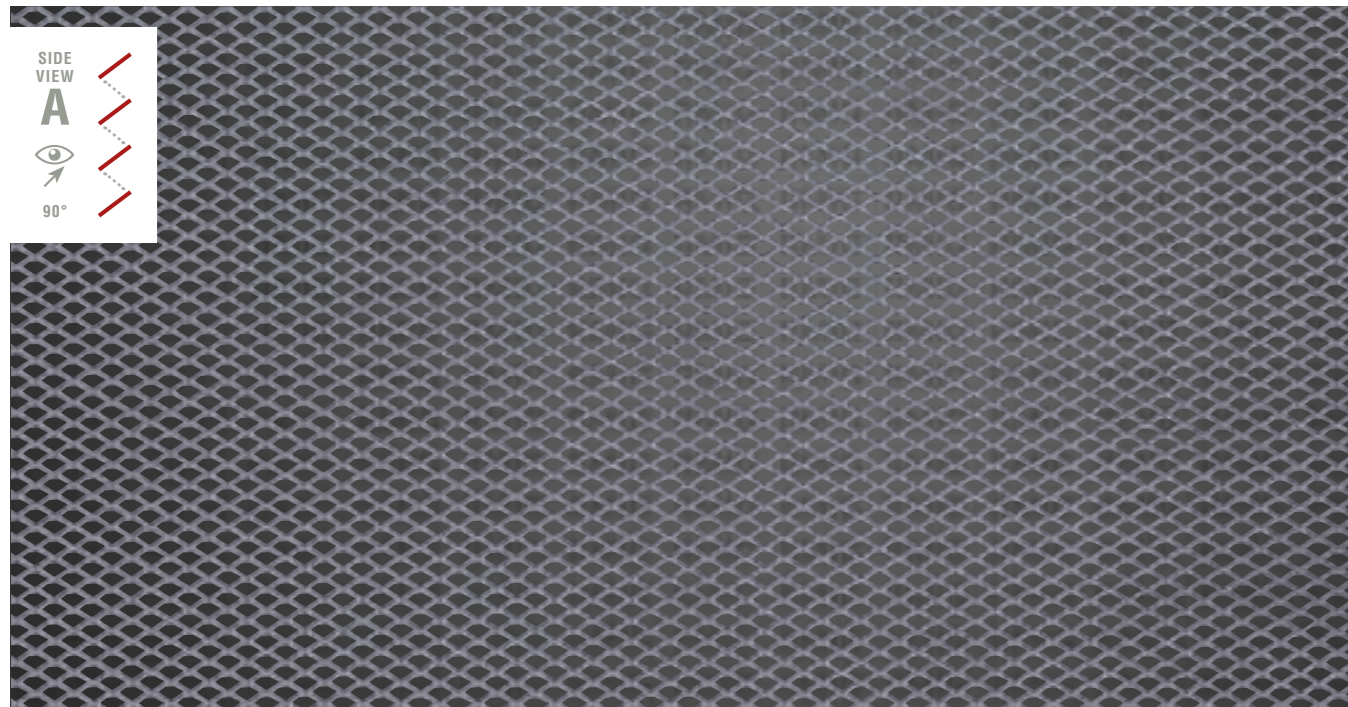
On the following pages, you will find a wide selection of our expanded metal products. If you require other types of meshes than those shown here, please do not hesitate to contact us and let us know your specific requirements. You can also visit www.rmig.com for more information on RMIG Expanded Metal. Please note that all meshes are illustrated in 1:1 format. We accept no liability for any inaccuracies or typographical errors. Furthermore, we accept no liability for discontinued products or production tools.



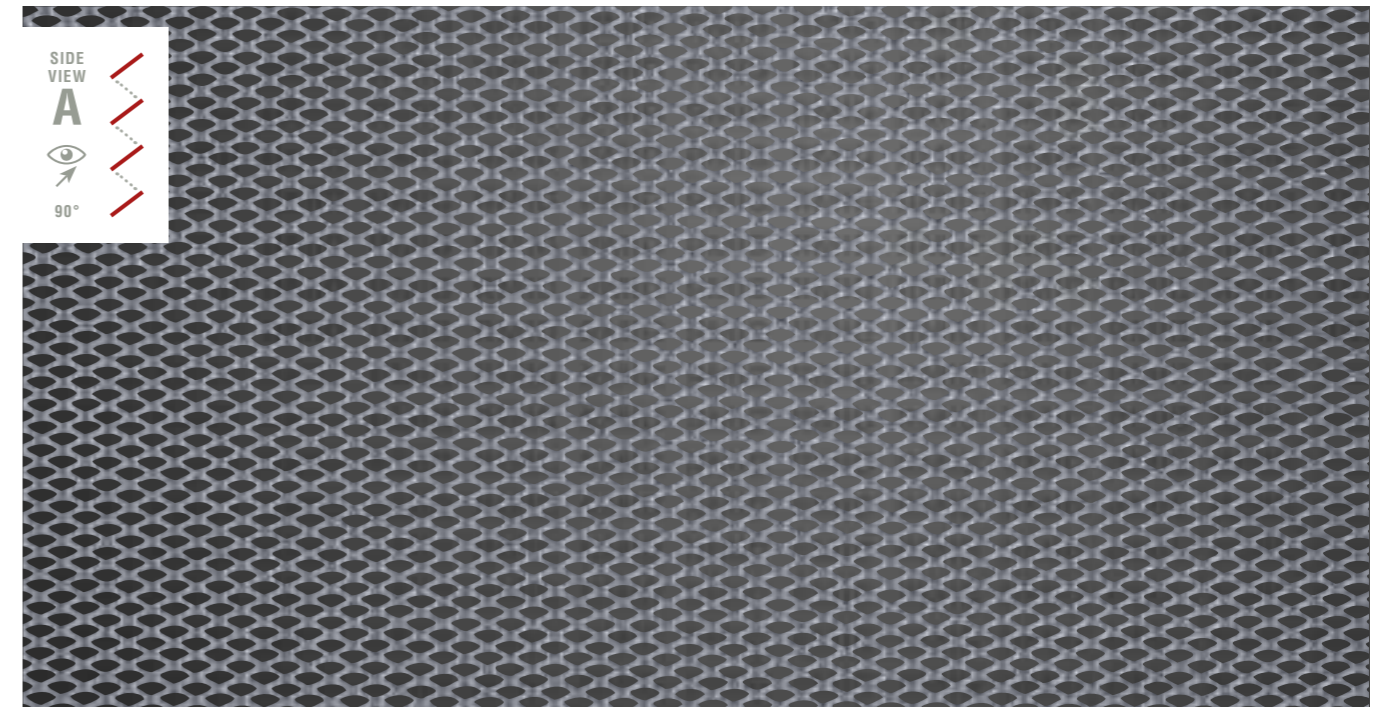
NAME	MATERIAL	LWD	SWD	W	T	SIZE LWM X SWM (MM)	KG/M ²	%	ITEM NO.
LT3x2x0.5x0.5	Mild steel	3	2	0.5	0.5	1000x2000	1.8	50.0	WME020300



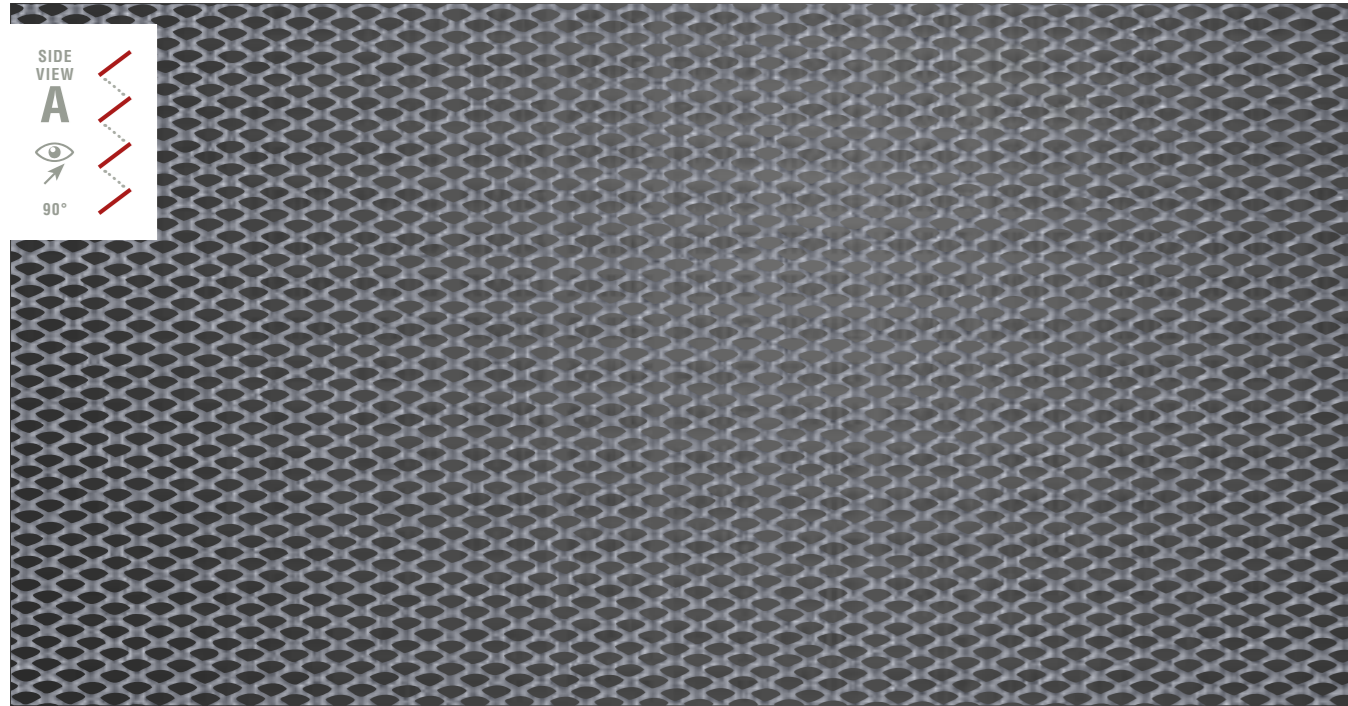
NAME	MATERIAL	LWD	SWD	W	T	SIZE LWM X SWM (MM)	KG/M ²	%	ITEM NO.
LT6x3x0.7x0.5	Stainless steel 1.4401	6	3	0.7	0.5	1000x2000	1.8	58.0	WXE030600
	Aluminium EN 1050A	6	3	0.7	0.5	1000x2000	0.6	58.0	WAE030600



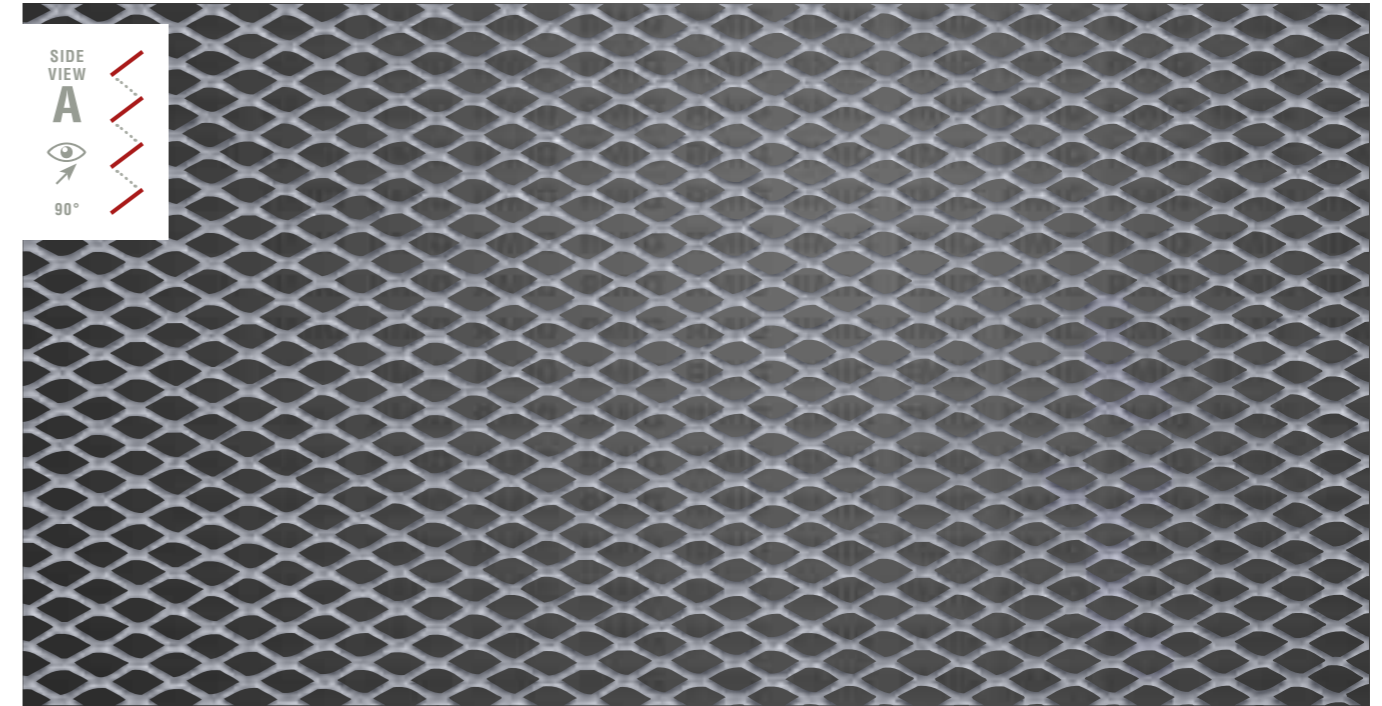
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LT5x2x0.6x0.5	Stainless steel 1.4301	5	2	0.6	0.5	1250x1250	2.6	43.0	WSE020503



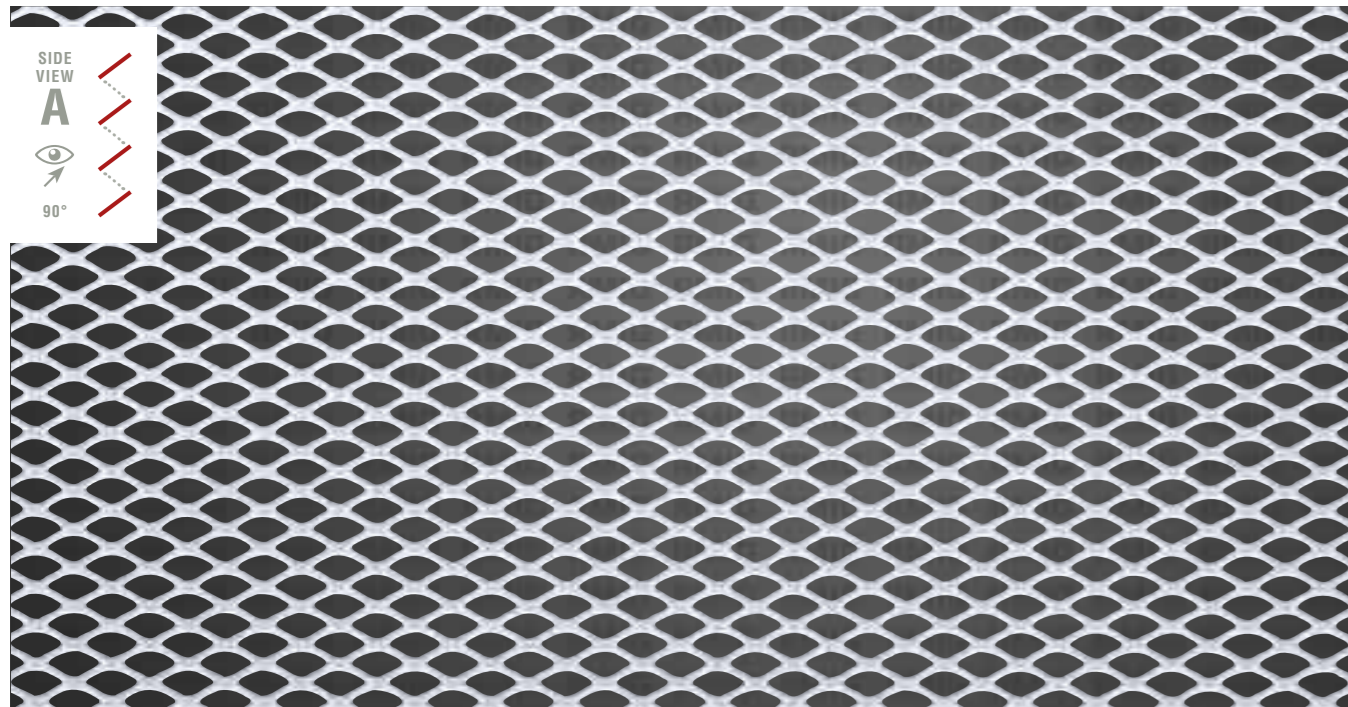
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LT6x3x0.8x0.6	Mild steel	6	3	0.8	0.6	1250x2500	2.2	47.0	WMF030601



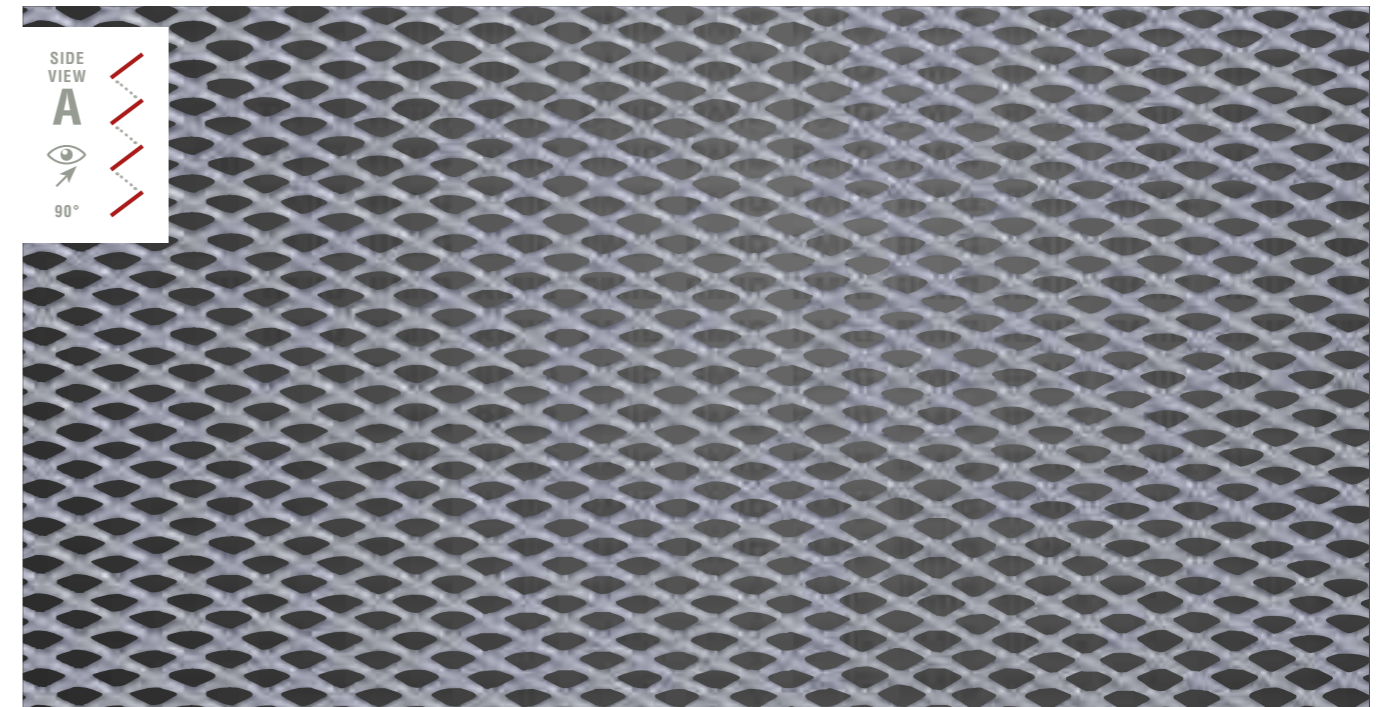
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LT6x3x1x0.5	Mild steel	6	3	1.0	0.5	1000x2000	2.4	33.3	WME060300



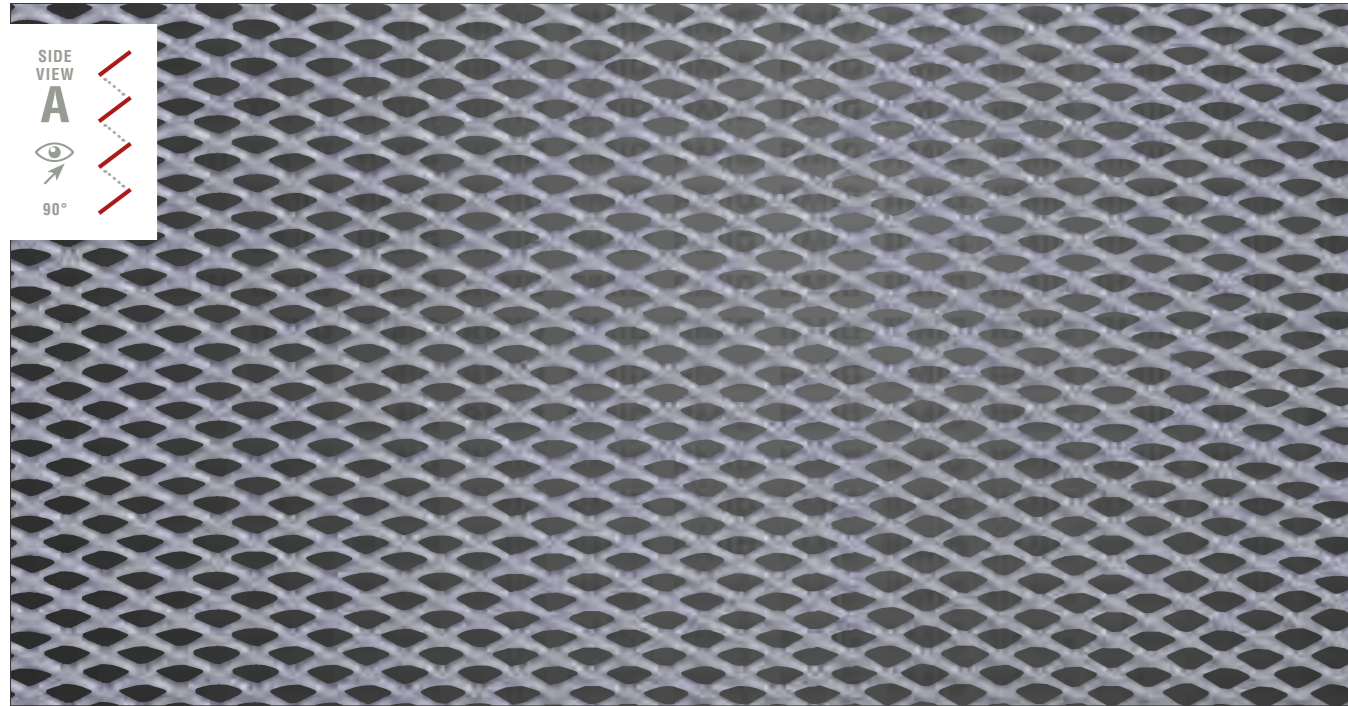
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LT10x5x1x1	Mild steel	10	5	1.0	1.0	1000x2000	3.2	60.0	WMJ100511



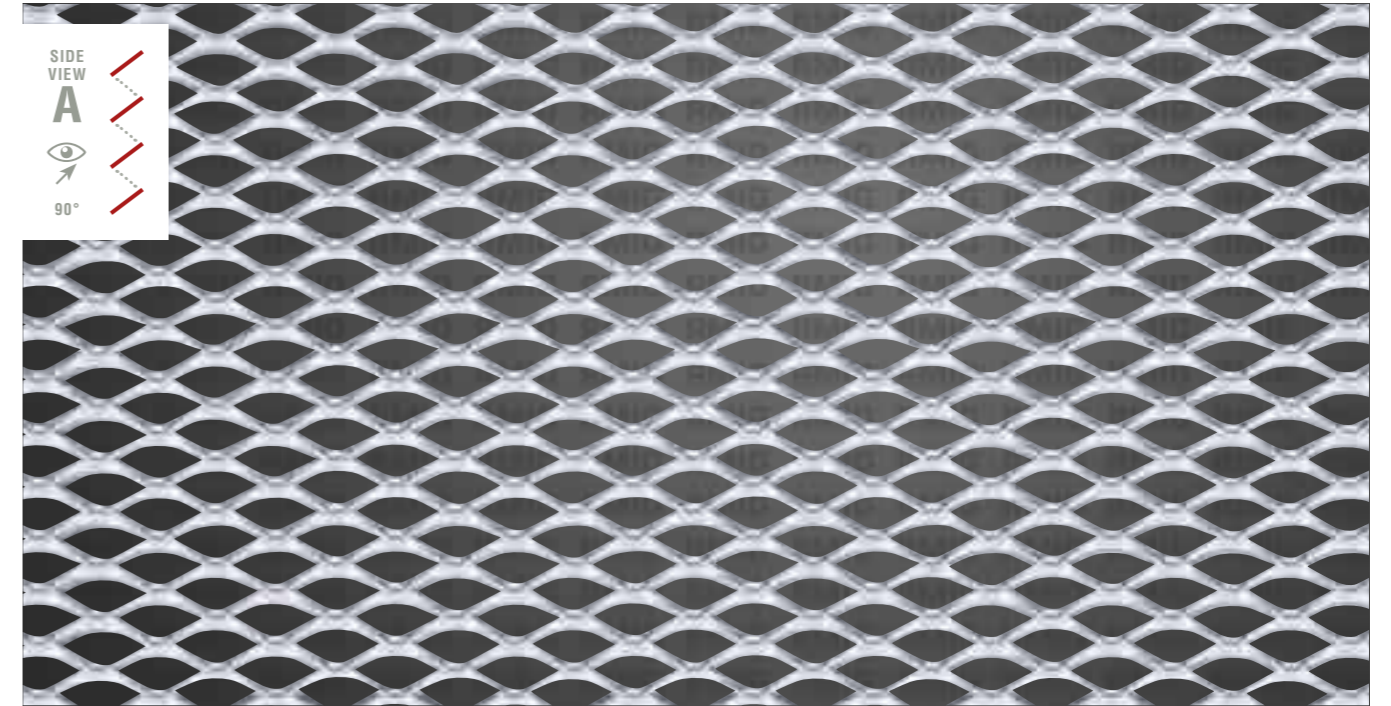
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LT10x5x1x0.5	Aluminium EN 1050A	10	5	1.0	0.5	1000x2000	0.6	68.0	WAE105100



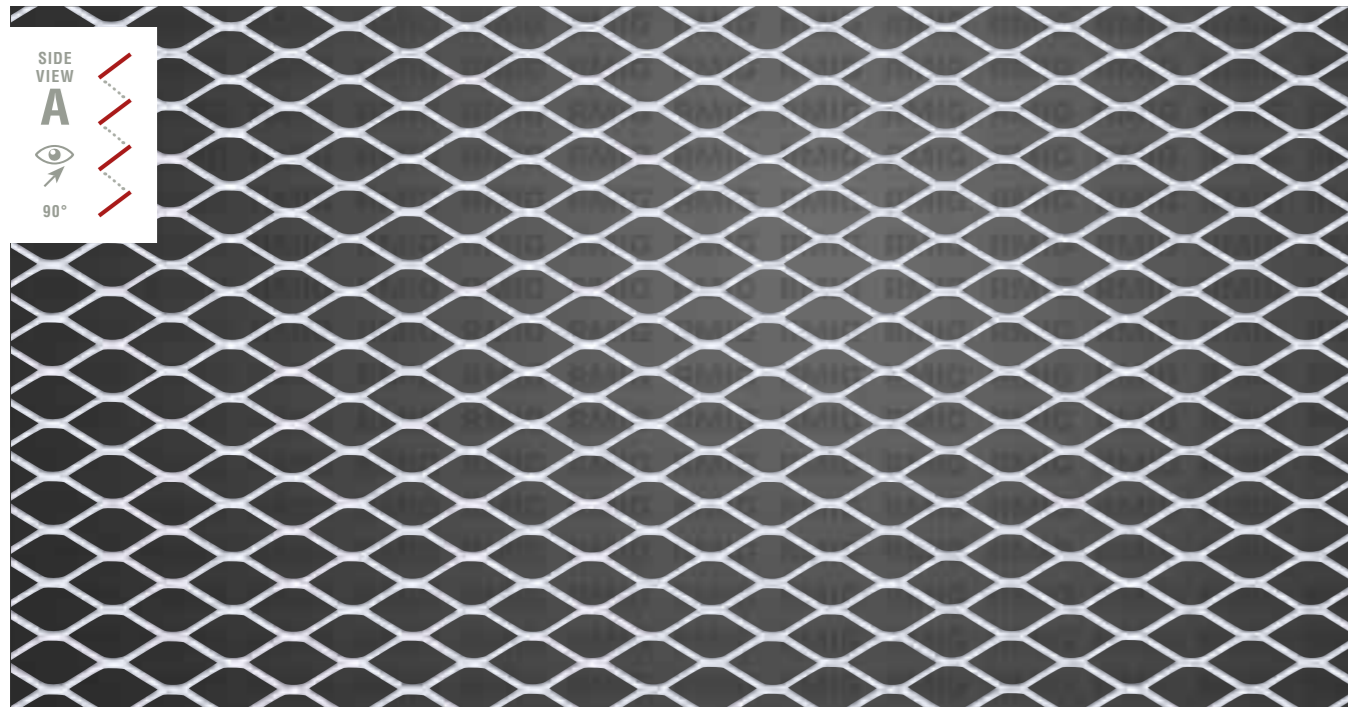
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LT10x5x2x0.8	Aluminium EN 1050A	10	5	2.0	0.8	1000x2000	1.6	20.0	WAJ105100



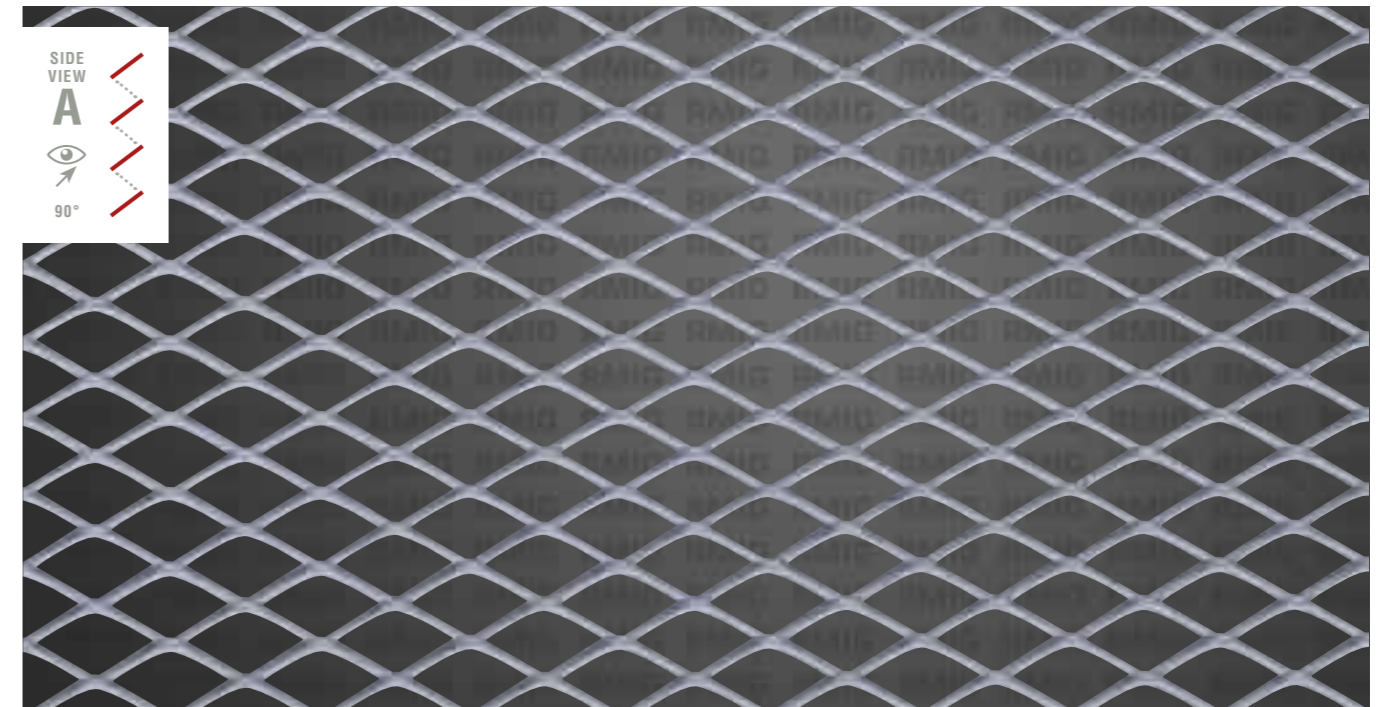
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LT10x5x2x1	Mild steel	10	5	2.0	1.0	1000x2000	6.0	20.0	WMJ105200



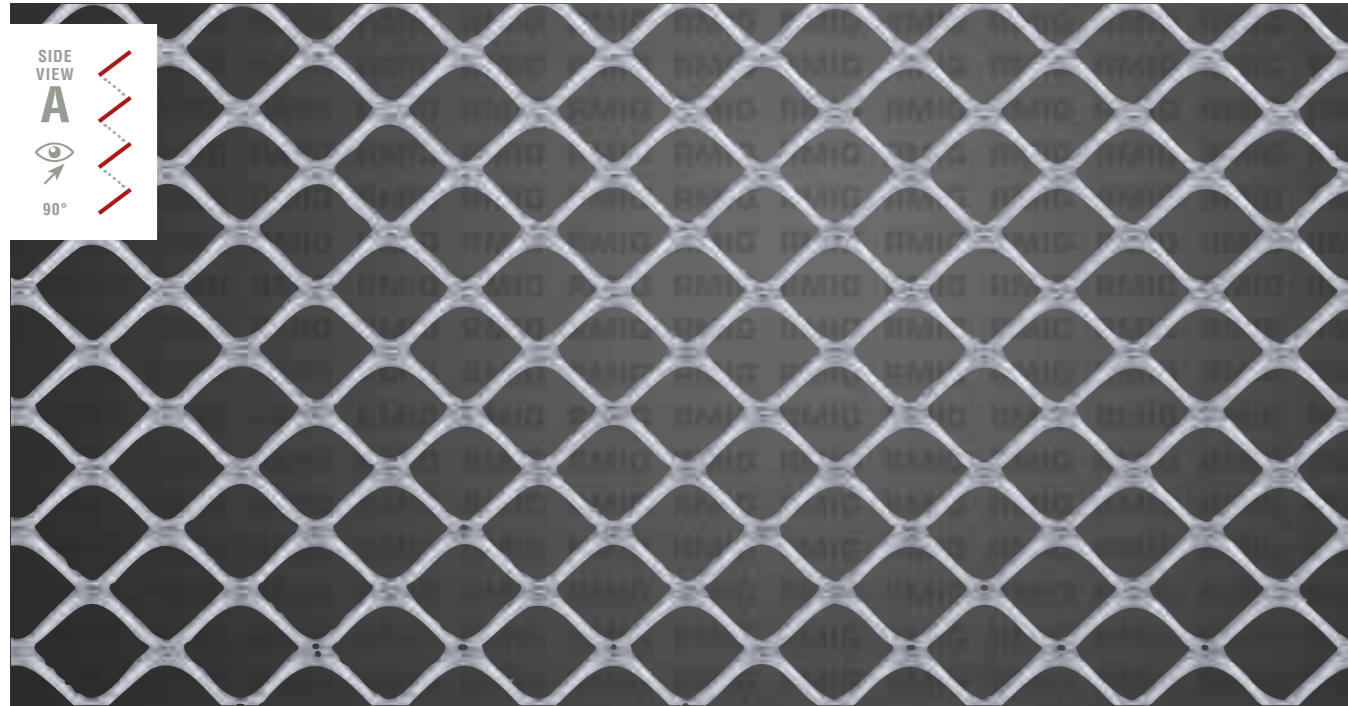
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LT16x7x2x1	Mild steel	16	7	2.0	1.0	1000x2000	4.6	42.9	WMJ160721



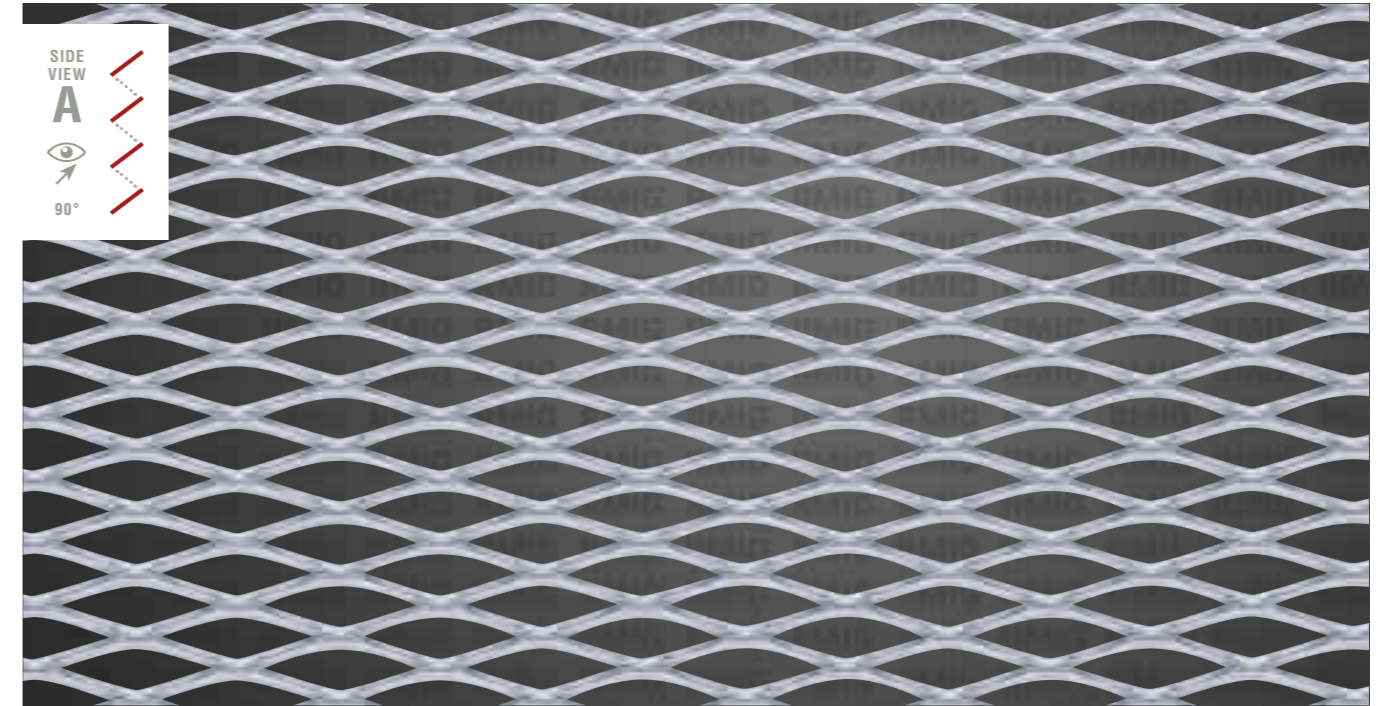
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LT16x7x1x1	Mild steel	16	7	1.0	1.0	1000x2000	2.2	71.4	WMJ160711



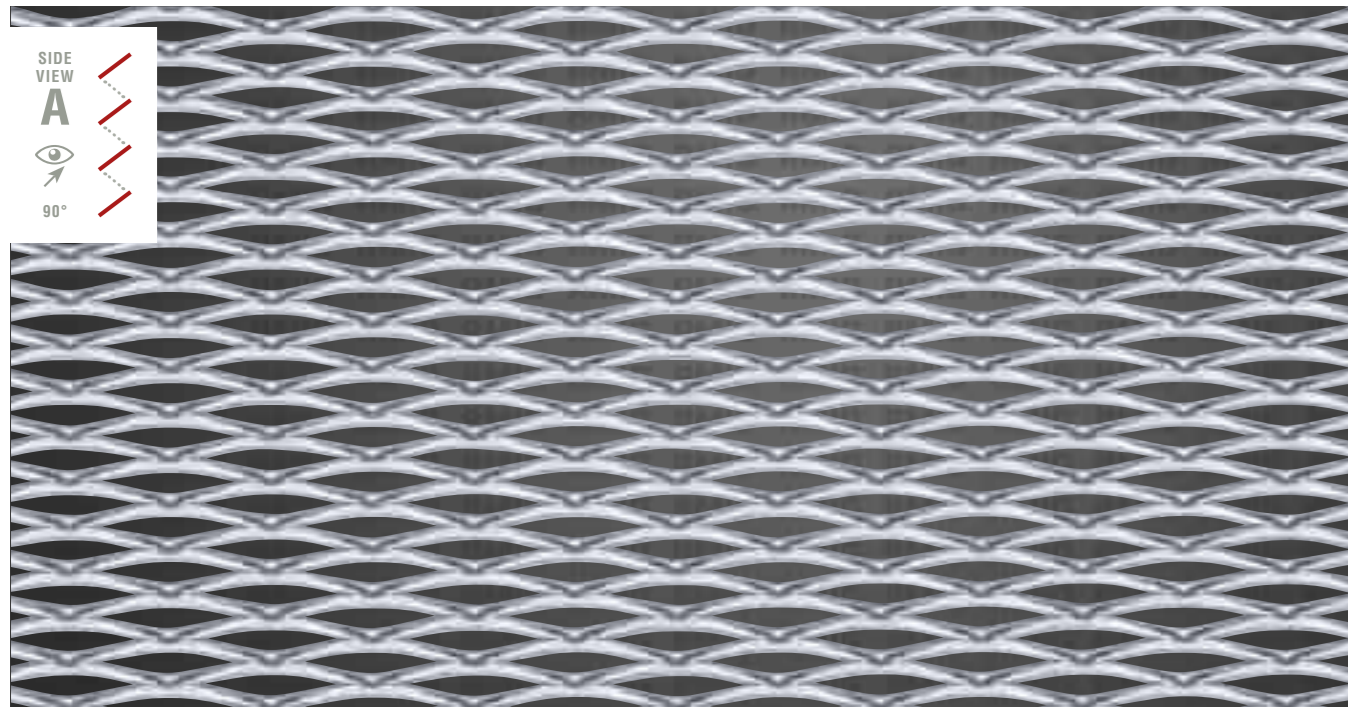
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LT20x10x1.5x1	Mild steel	20	10	1.5	1.0	1000x2000	2.4	70.0	WMJ201000



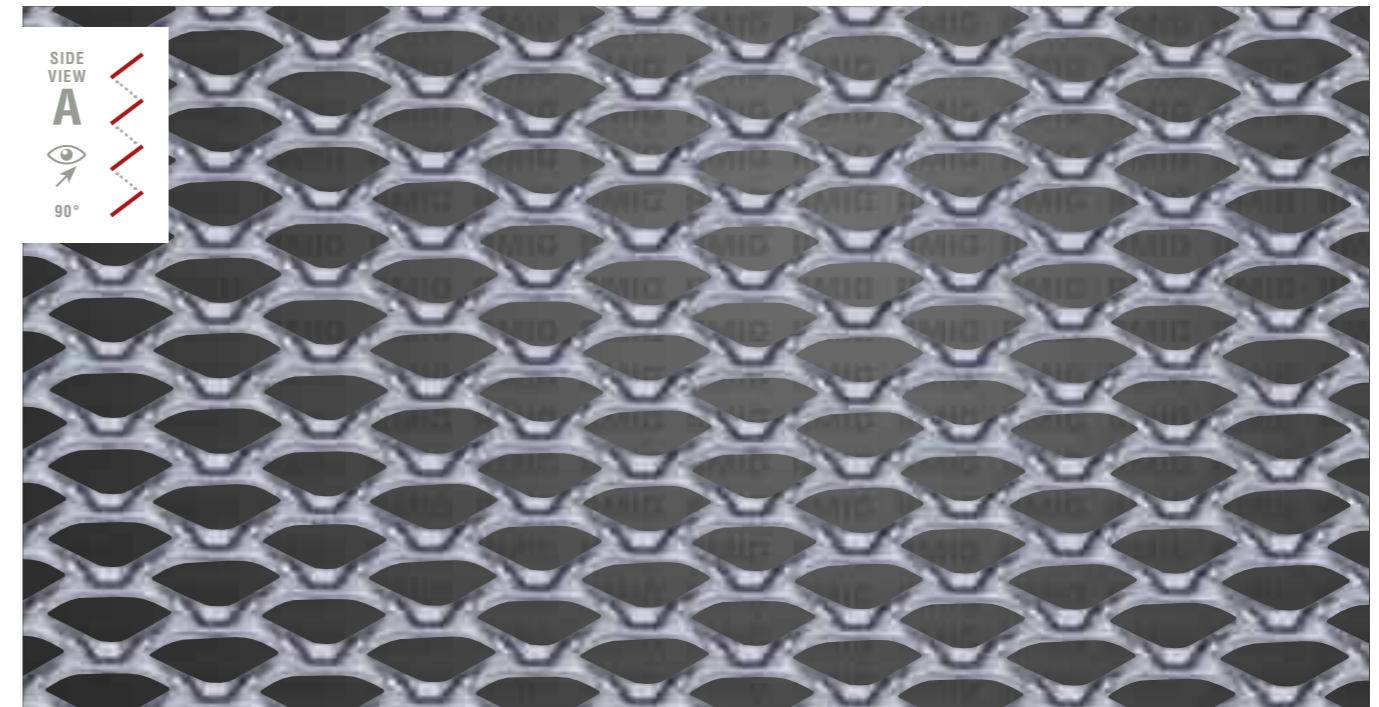
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LTQ20x16x2x2	Mild steel	20	16	2.0	2.0	1250x2500	4.0	75.0	WMP162021



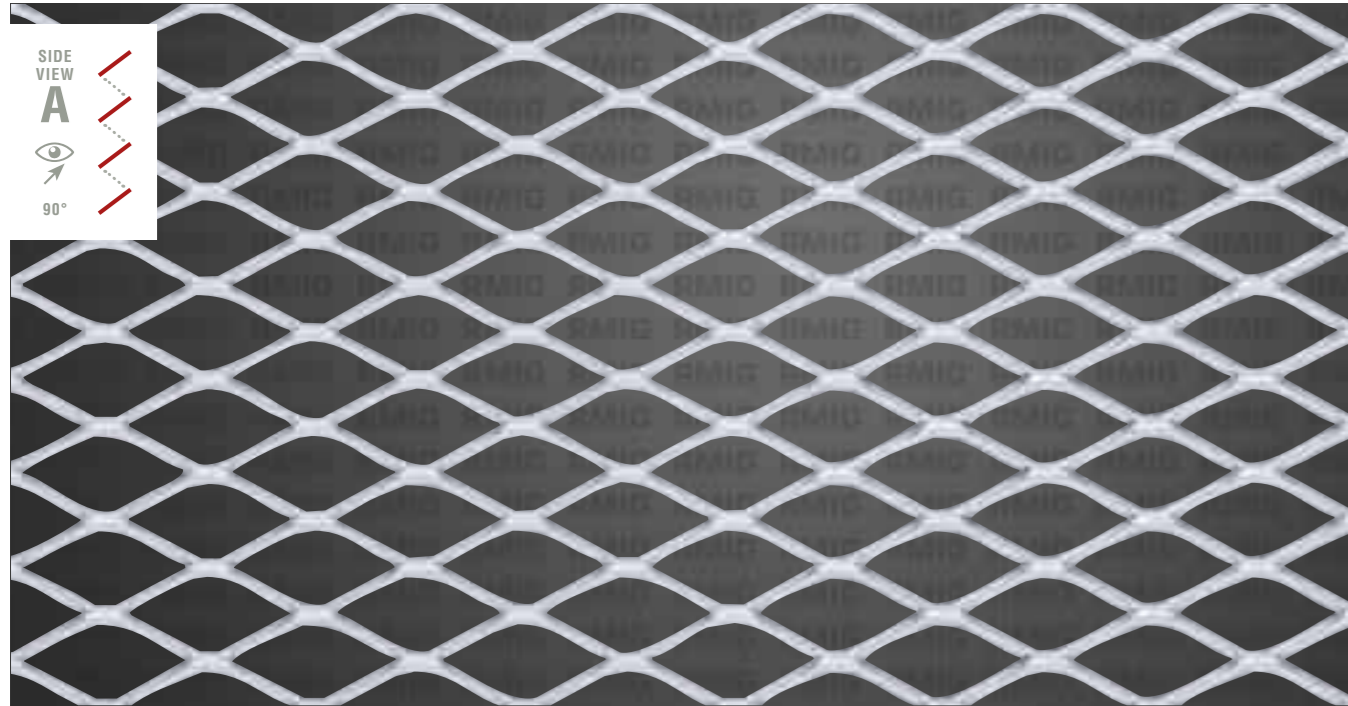
NAME	MATERIAL	LWD	SWD	W	T	SIZE LWM X SWM (MM)	KG/M ²	%	ITEM NO.
LT27x8x2x1.5	Mild steel	27	8	2.0	1.5	1250x2500	5.7	50.0	WML082721



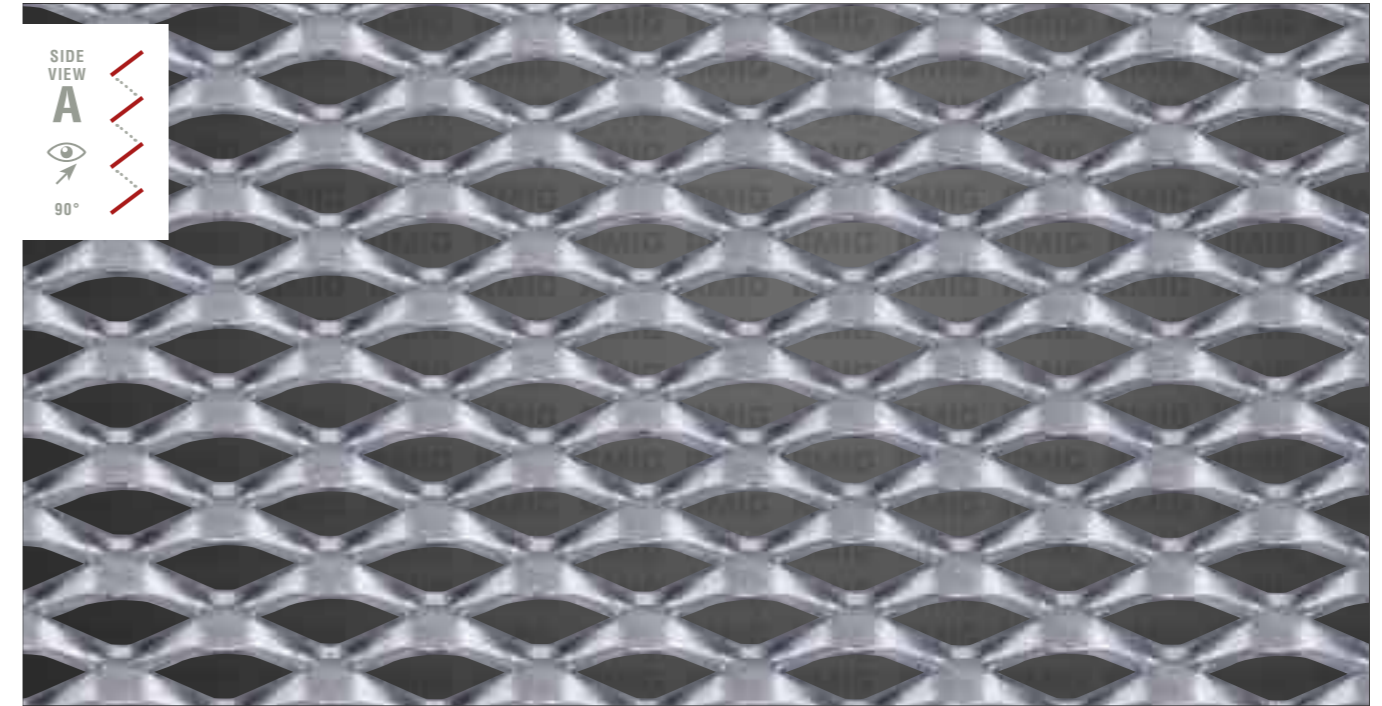
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LT27x6x2x1	Mild steel	27	6	2.0	1.0	1000x3000	4.8	34.0	WMJ062720
	Stainless steel 1.4401	27	6	2.0	1.0	1000x2000	4.8	34.0	WXJ062720



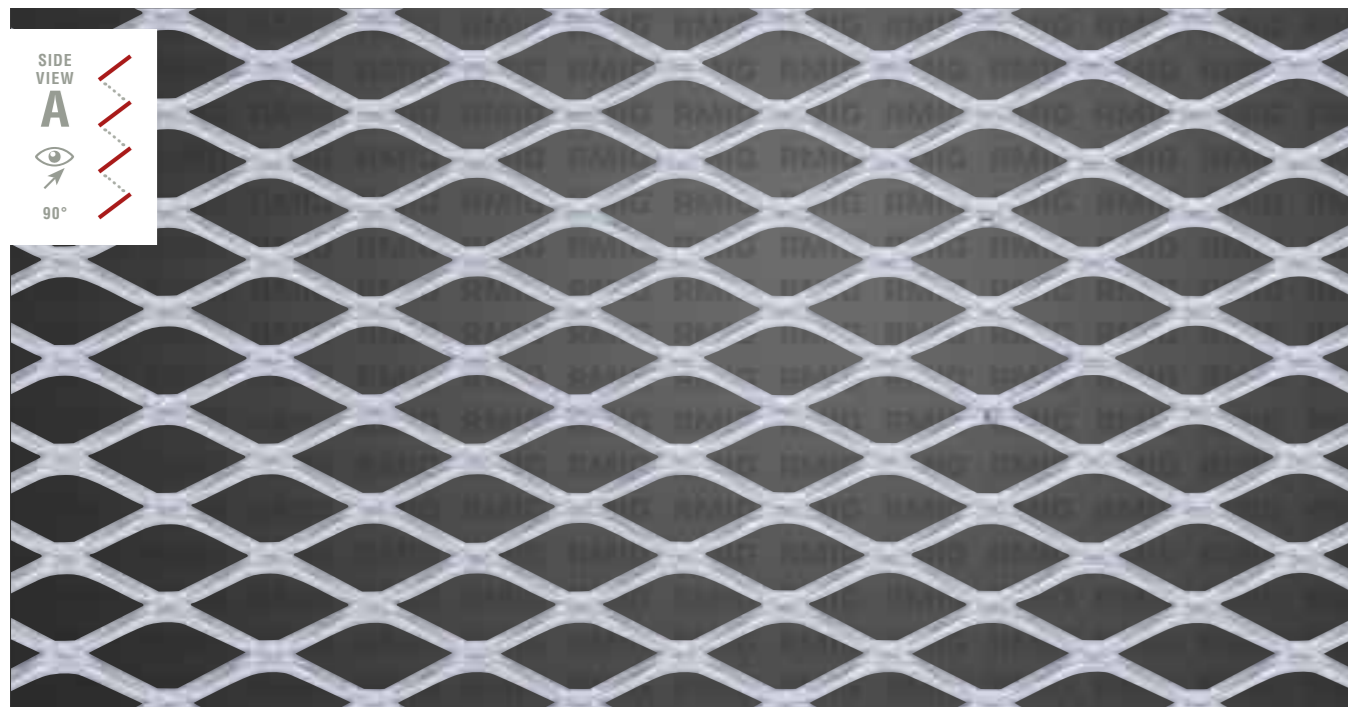
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LT28x10x3x2	Mild steel	28	10	3.0	2.0	1000x2000	9.0	40.0	WMP281250



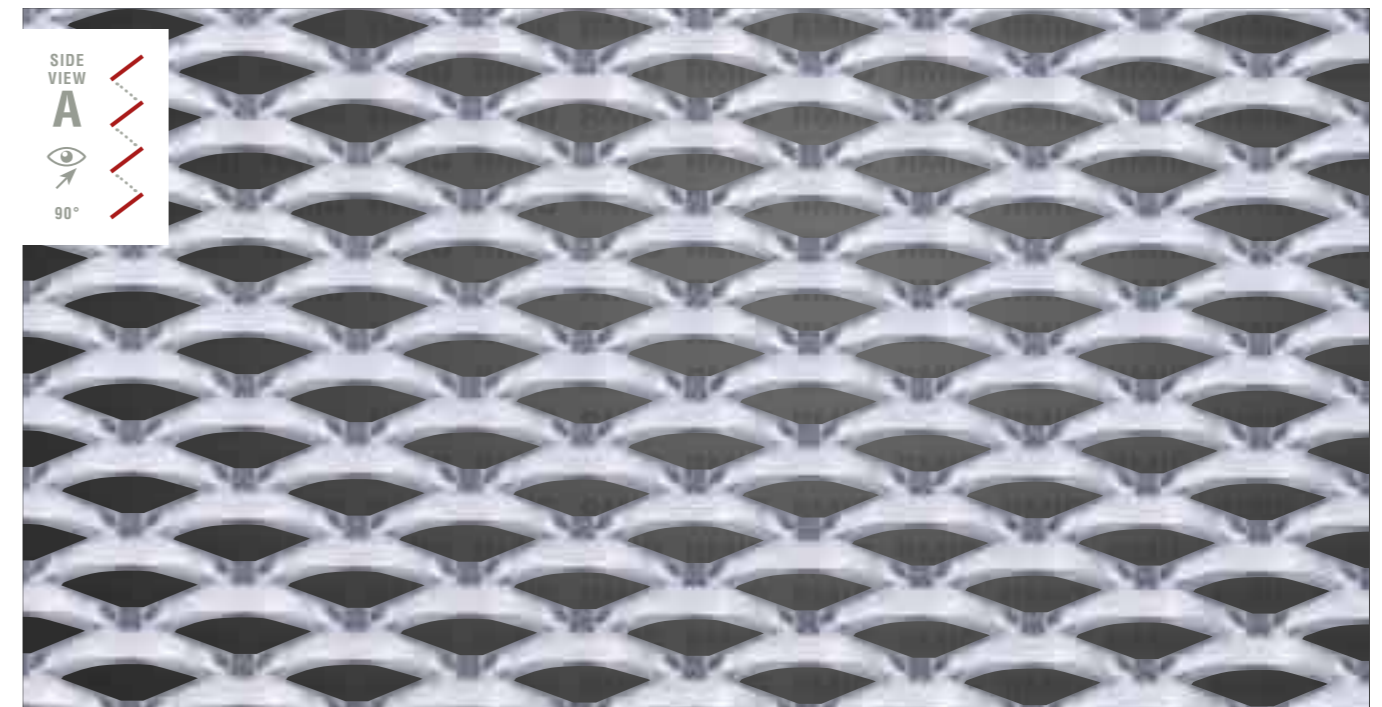
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LT28x13x2x1.5	Mild steel	28	13	2.0	1.5	1500x2000	3.5	69.2	WML132820



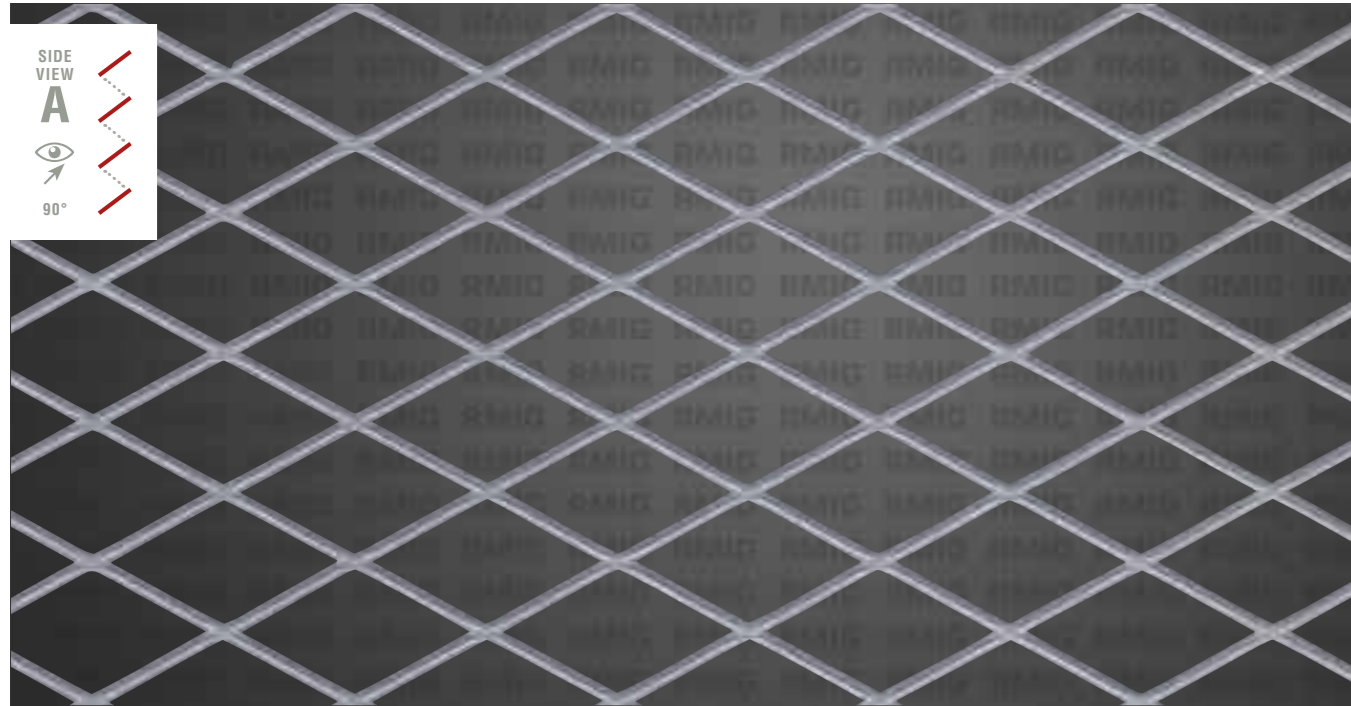
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LT28x14x4.5x2.5	Mild steel	28	14	4.5	2.5	1000x2500	14.2	35.7	WMQ1428040
	Mild steel	28	14	4.5	2.5	1250x3300	14.2	35.7	WMQ1428041
	Mild steel	28	14	4.5	2.5	1500x4000	14.2	35.7	WMQ1428042



NAME	MATERIAL	LWD	SWD	W	T	SIZE LWM X SWM (MM)	KG/M ²	%	ITEM NO.
LT28x13x3x1.5	Mild steel	28	13	3.0	1.5	1500x2000	5.5	53.9	WHL132832

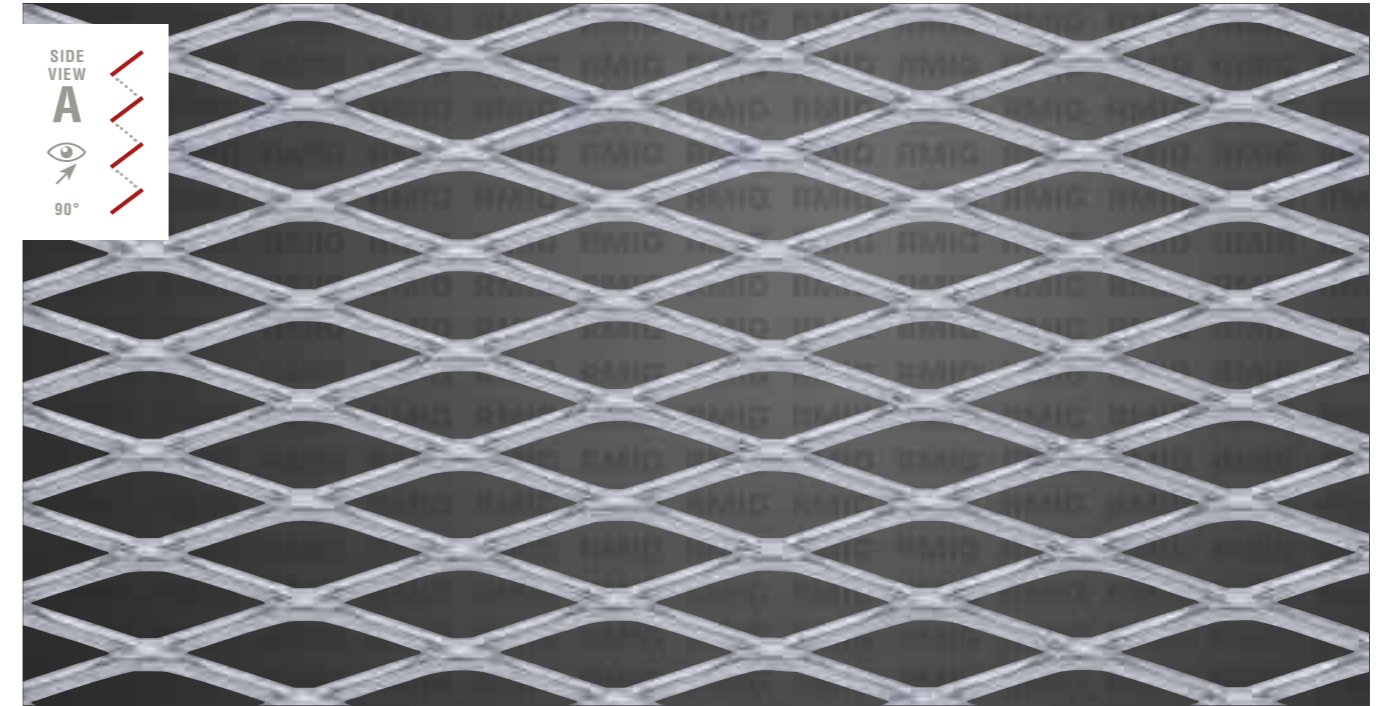


NAME	MATERIAL	LWD	SWD	W	T	SIZE LWM X SWM (MM)	KG/M ²	%	ITEM NO.
LT30x12x4.5x2.5	Mild steel	30	12	4.5	2.5	1000x2500	14.3	25.0	WMQ123040
	Mild steel	30	12	4.5	2.5	1250x3300	14.3	25.0	WMQ123041
	Mild steel	30	12	4.5	2.5	1500x4000	14.3	25.0	WMQ123042

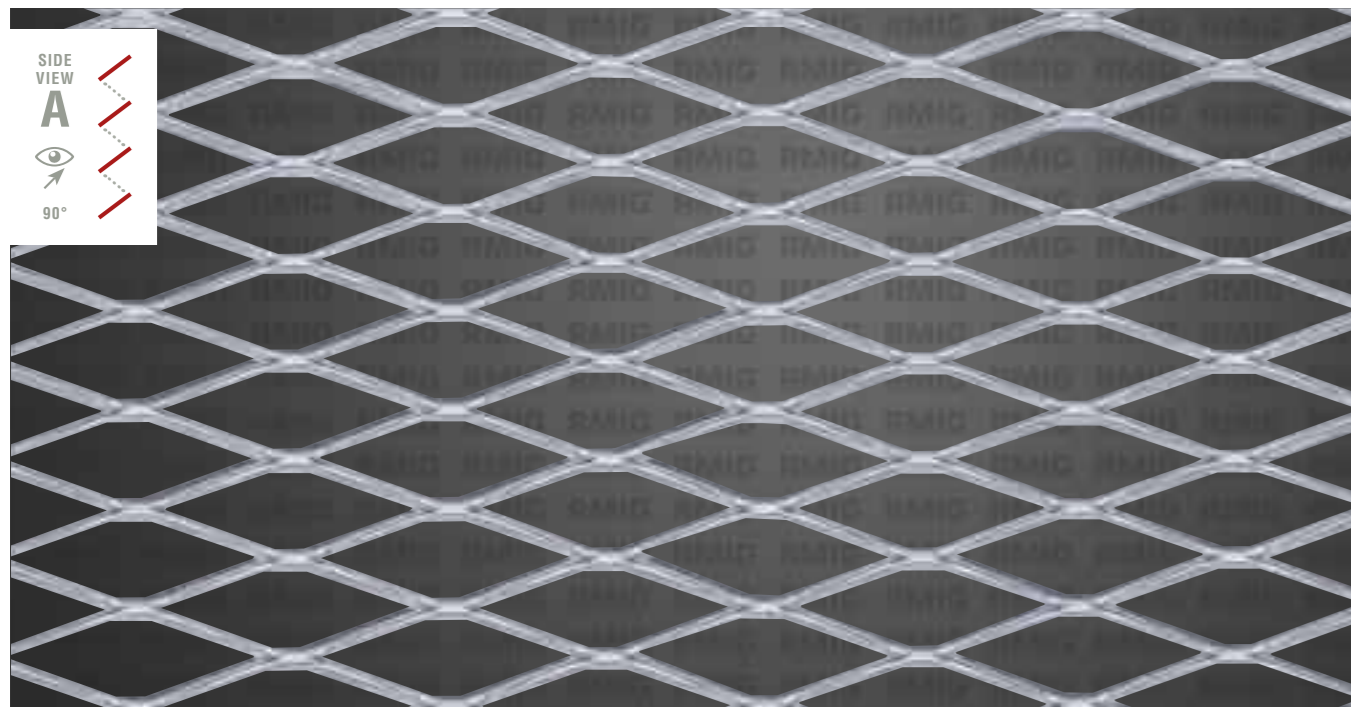


NAME	MATERIAL	LWD	SWD	W	T	SIZE LWM X SWM (MM)	KG/M ²	%	ITEM NO.
LT35x17x1.9x0.8	Mild steel	35	17	1.9	0.75	1000x2000	1.2	77.6	WMGE3517190
	Stainless steel ¹	35	17	1.9	0.7	1000x2000	1.2	77.6	WXG3517190
	Pre-galvanised ²	35	17	1.9	0.75	1000x2000	1.2	77.6	WGGE3517190
	Stainless steel 1.4401	35	17	1.9	0.8	1000x8000	1.2	77.6	WXG173514
	Pre-galvanised DX51D	35	17	1.9	0.75	1250x10000	1.2	77.6	WGG173514

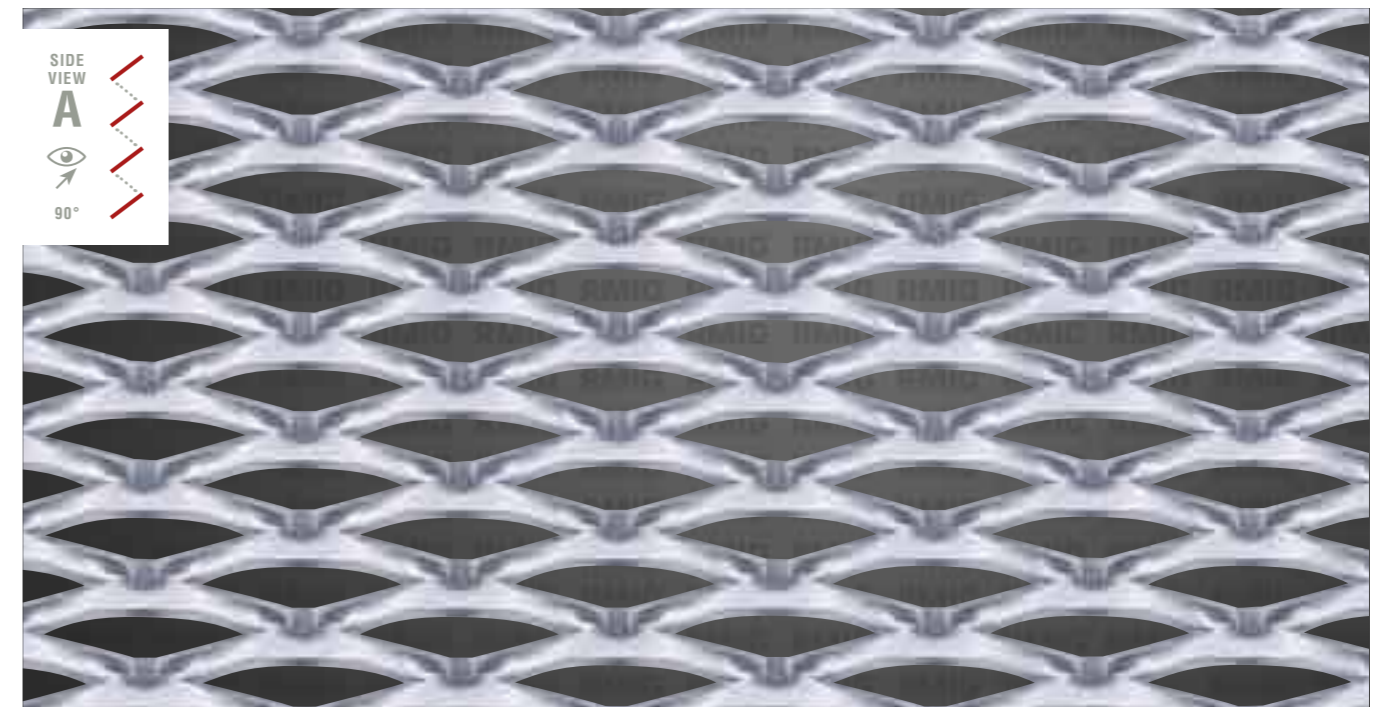
¹ Stainless steel 1.4404
² Pre-galvanised DX51D



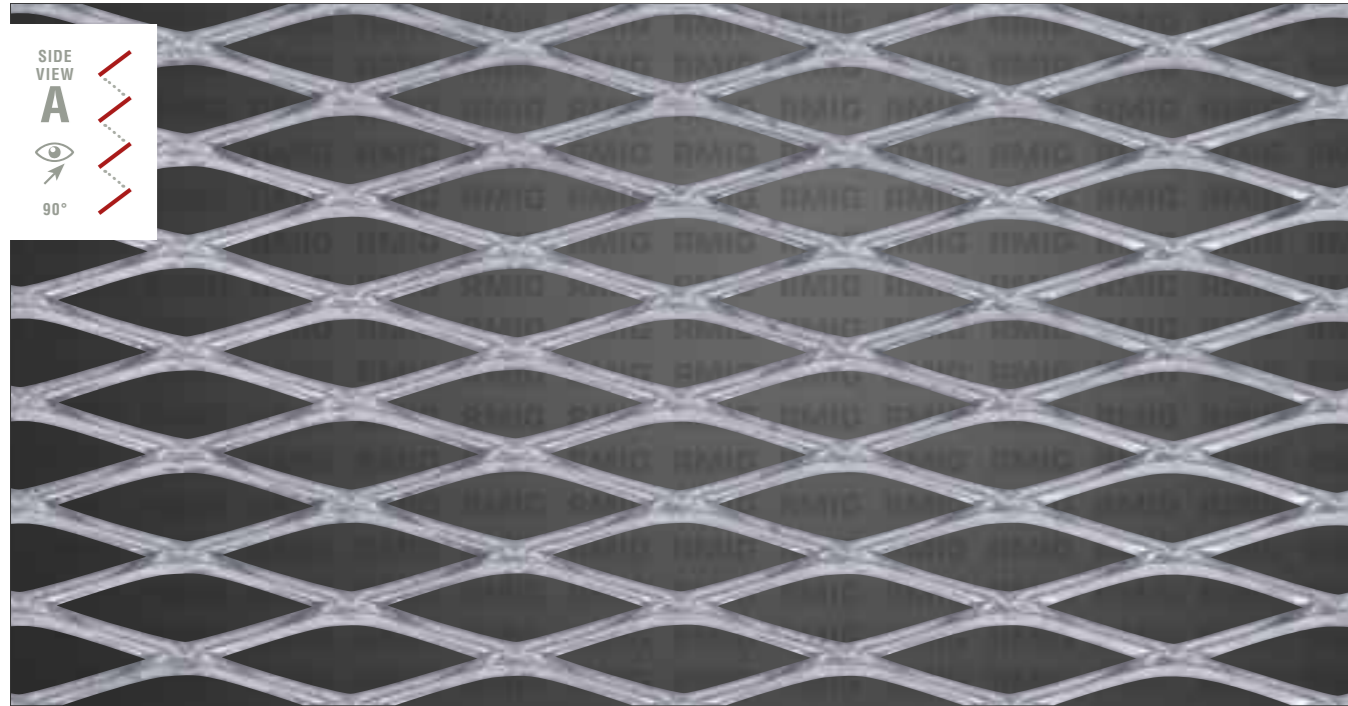
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LT42x13x3x2	Mild steel	42	13	3.0	2.0	1000x2000	7.0	53.9	WMP421300



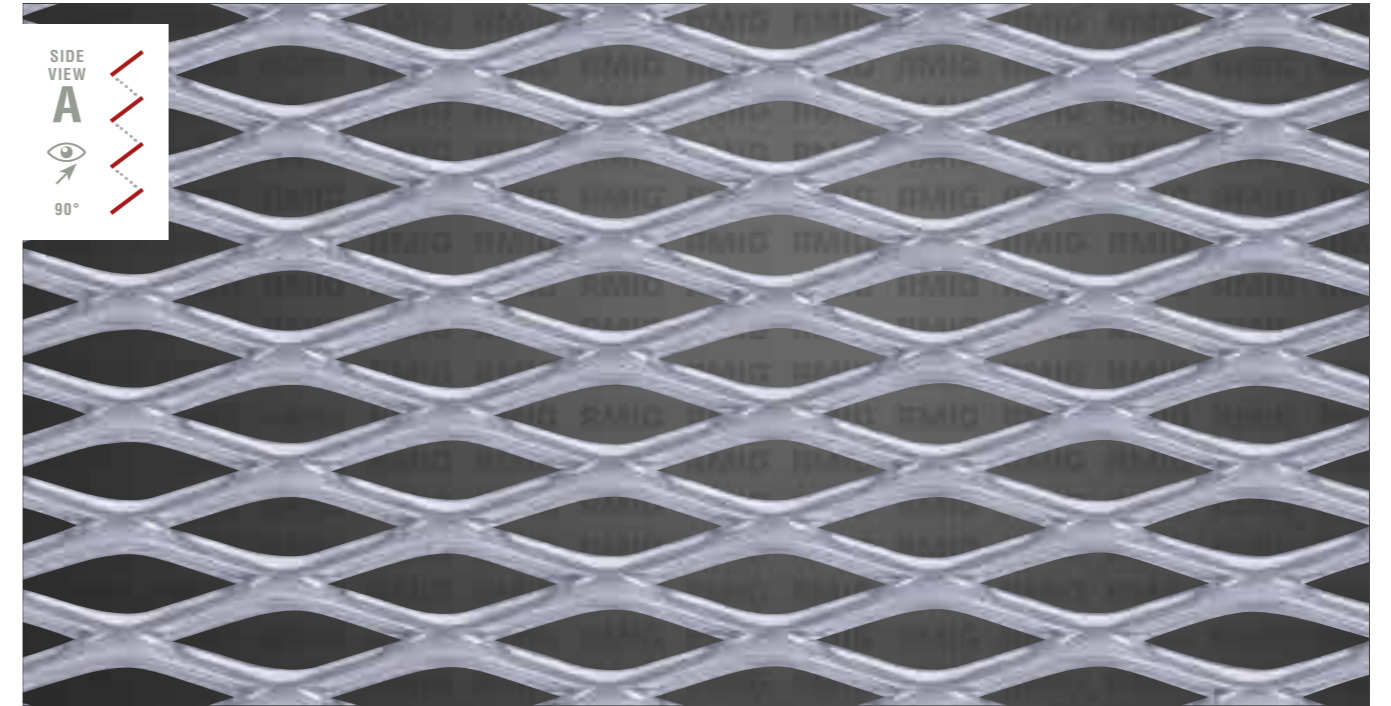
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LT42x13x2x2	Mild steel	42	13	2.0	2.0	1250x2500	4.7	69.0	WML134221



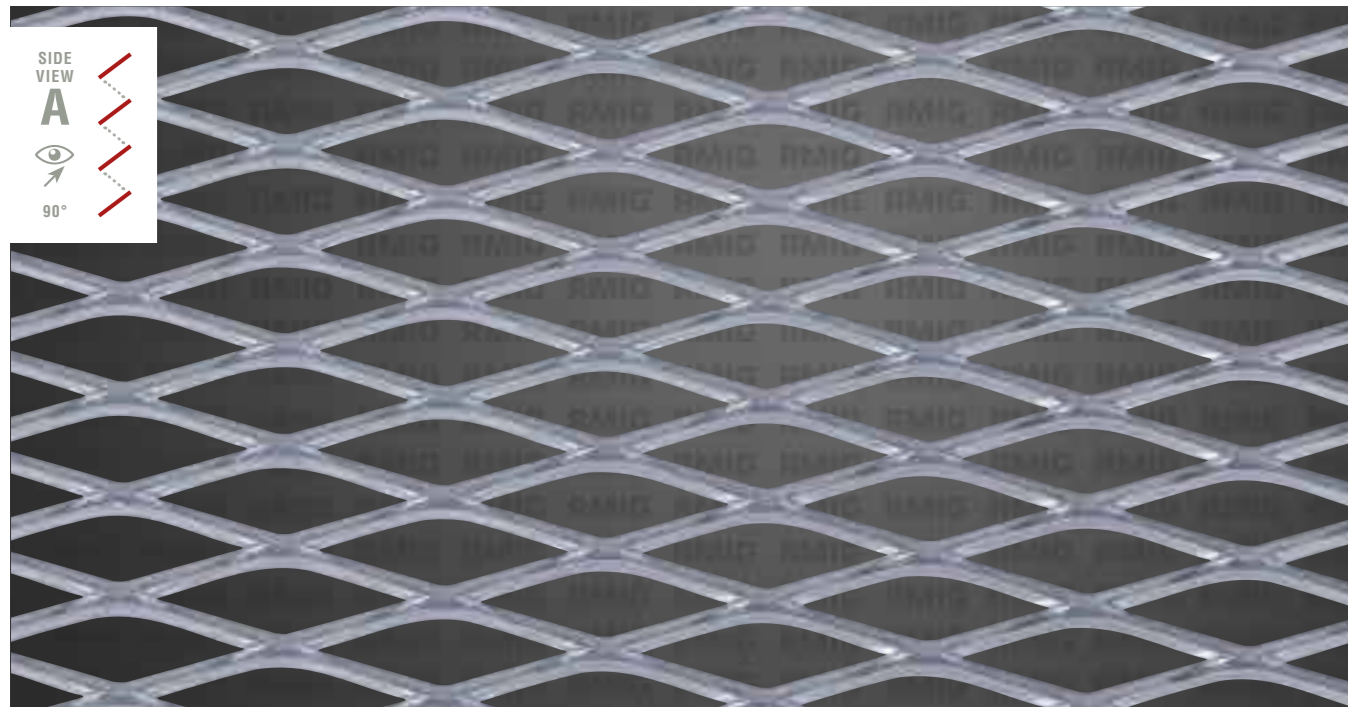
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LT42x13x4.5x2.5	Mild steel	42	13	4.5	2.5	1000x3000	13.1	31.0	WMQ134240
	Mild steel	42	13	4.5	2.5	1250x3800	13.1	31.0	WMQ134243



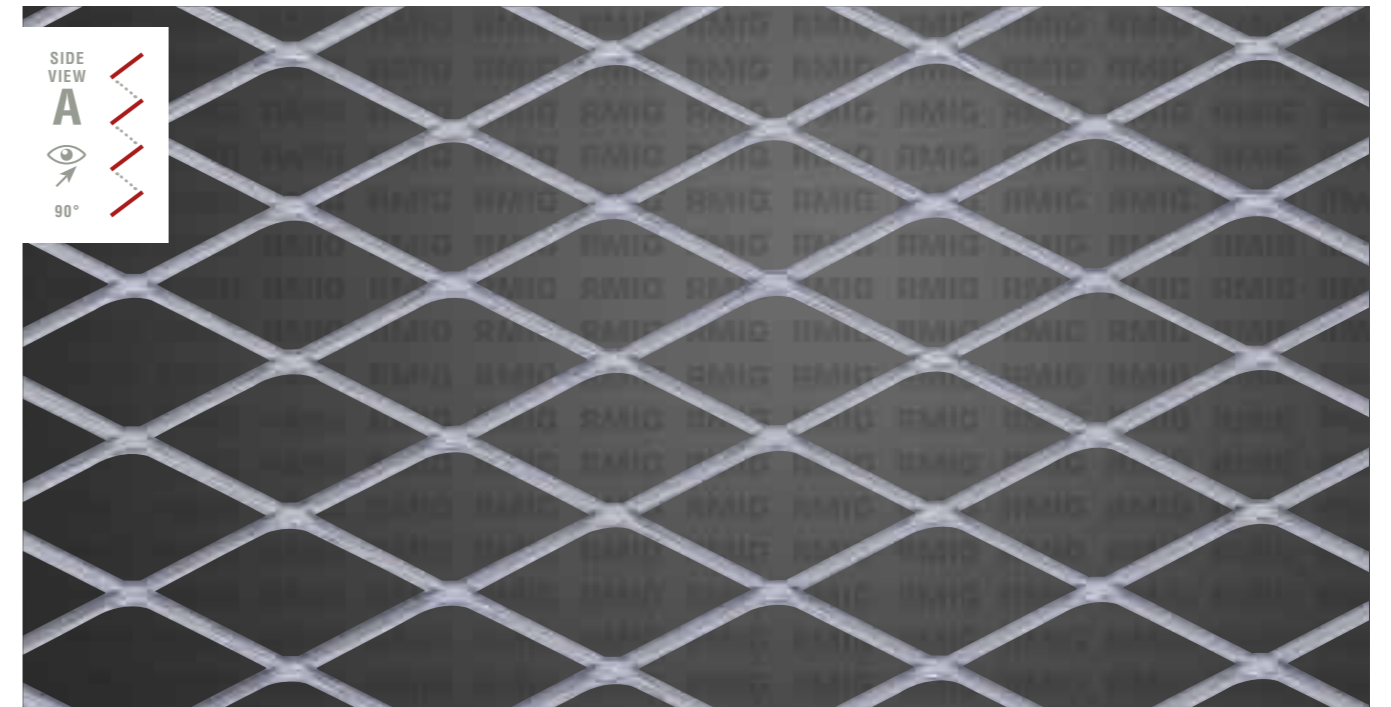
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LT43x13x2x2	Mild steel	43	13	2.0	2.0	2400x1800	4.4	69.2	WHP124324



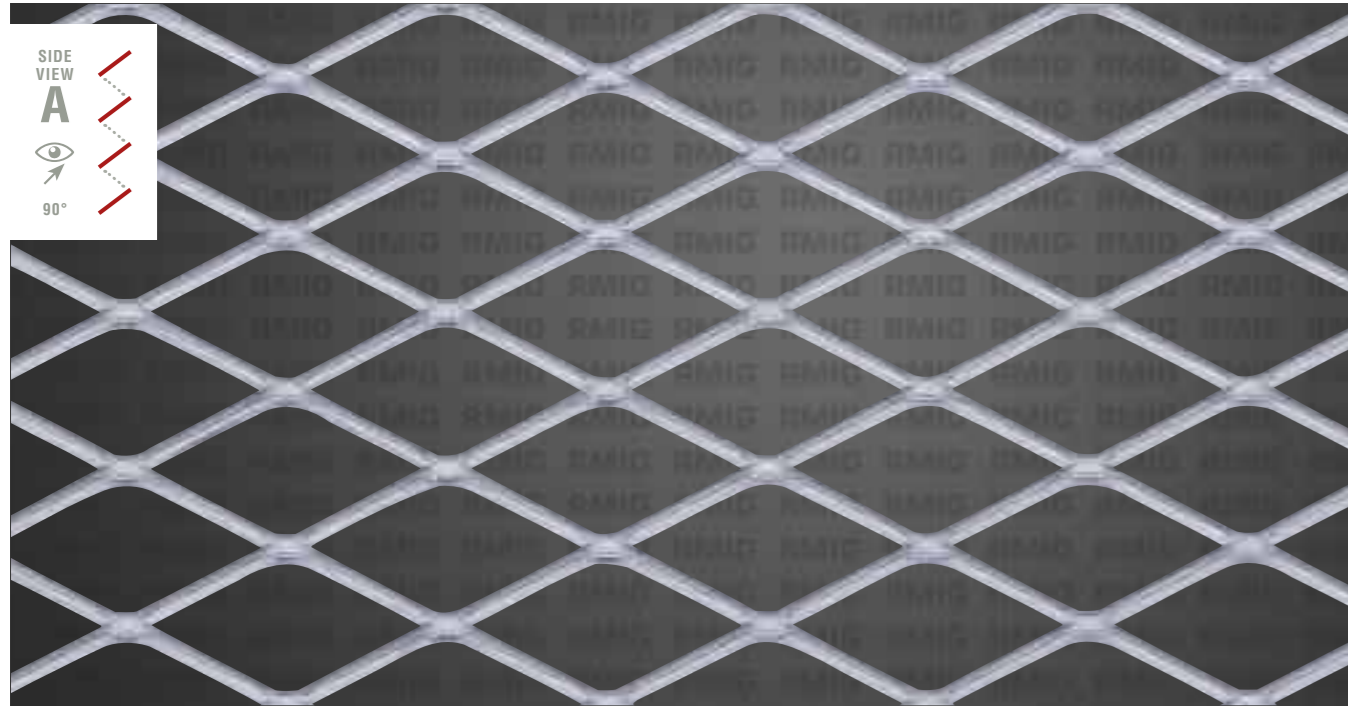
NAME	MATERIAL	LWD	SWD	W	T	SIZE LWM X SWM (MM)	KG/M ²	%	ITEM NO.
LT43x15x4x3	Mild steel	43	15	4.0	3.0	1300x2400	12.8	46.7	WHR431441



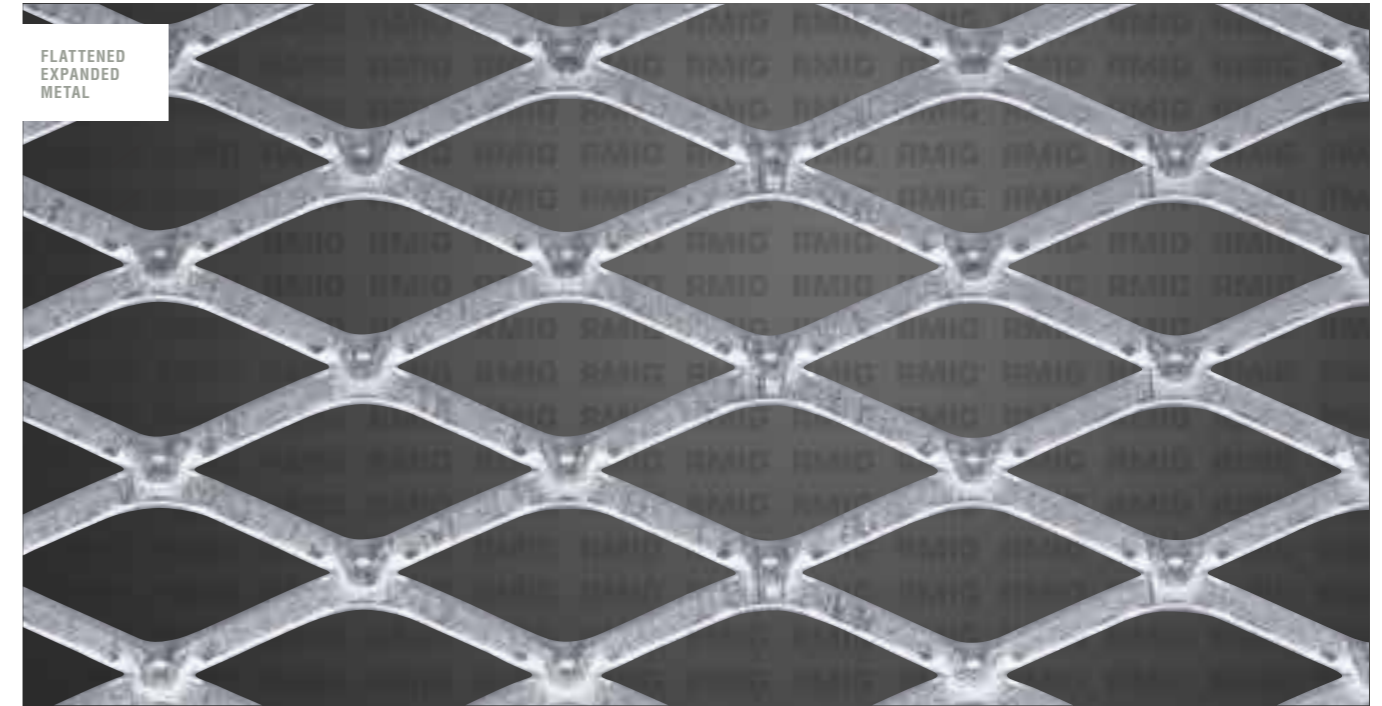
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LT43x13x3x2	Pre-galvanised DX51D	43	13	3.0	2.0	1000x2000	9.9	53.9	WGP421310



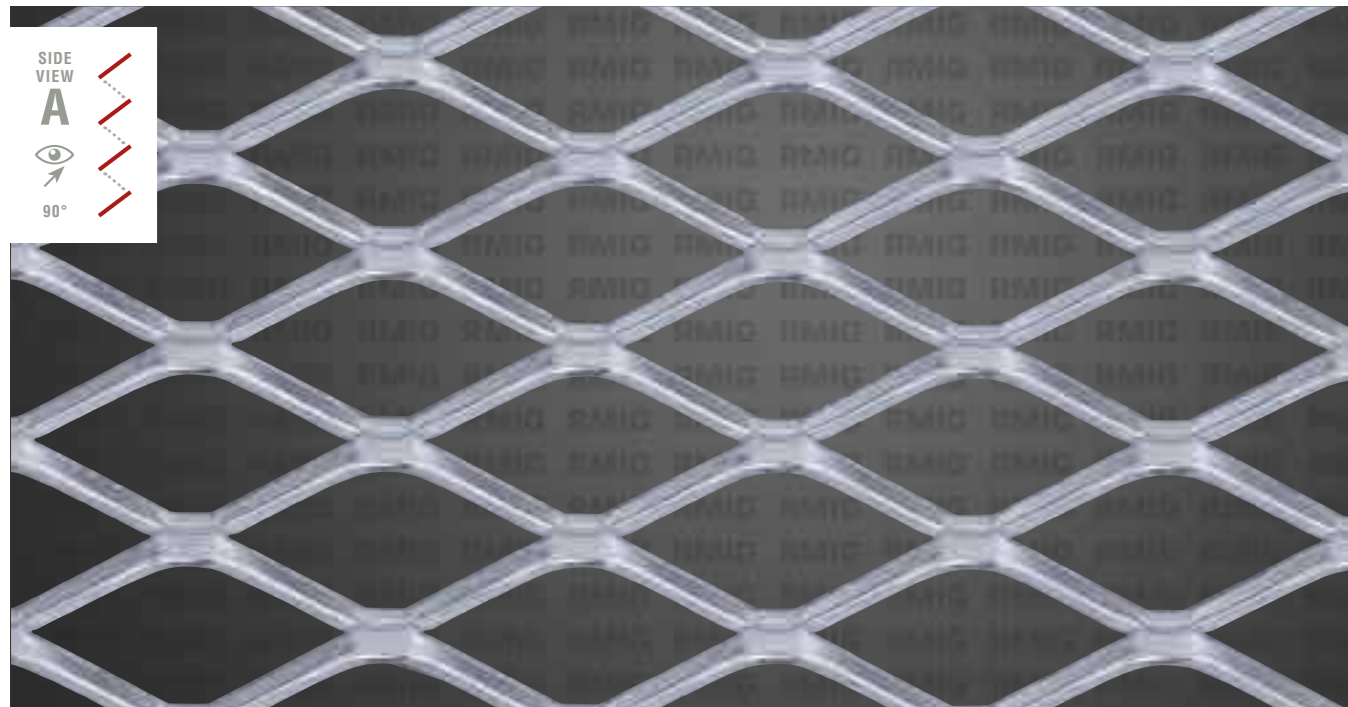
NAME	MATERIAL	LWD	SWD	W	T	SIZE LWM X SWM (MM)	KG/M ²	%	ITEM NO.
LT43x20x2.5x1.5	Mild steel	43	20	2.5	1.5	1500x2000	3.0	75.0	WML204320



NAME	MATERIAL	LWD	SWD	W	T	SIZE LWM X SWM (MM)	KG/M ²	%	ITEM NO.
LT43x20x2.5x2	Mild steel	43	20	2.5	2.0	1500x2000	4.0	75.0	WHP404320



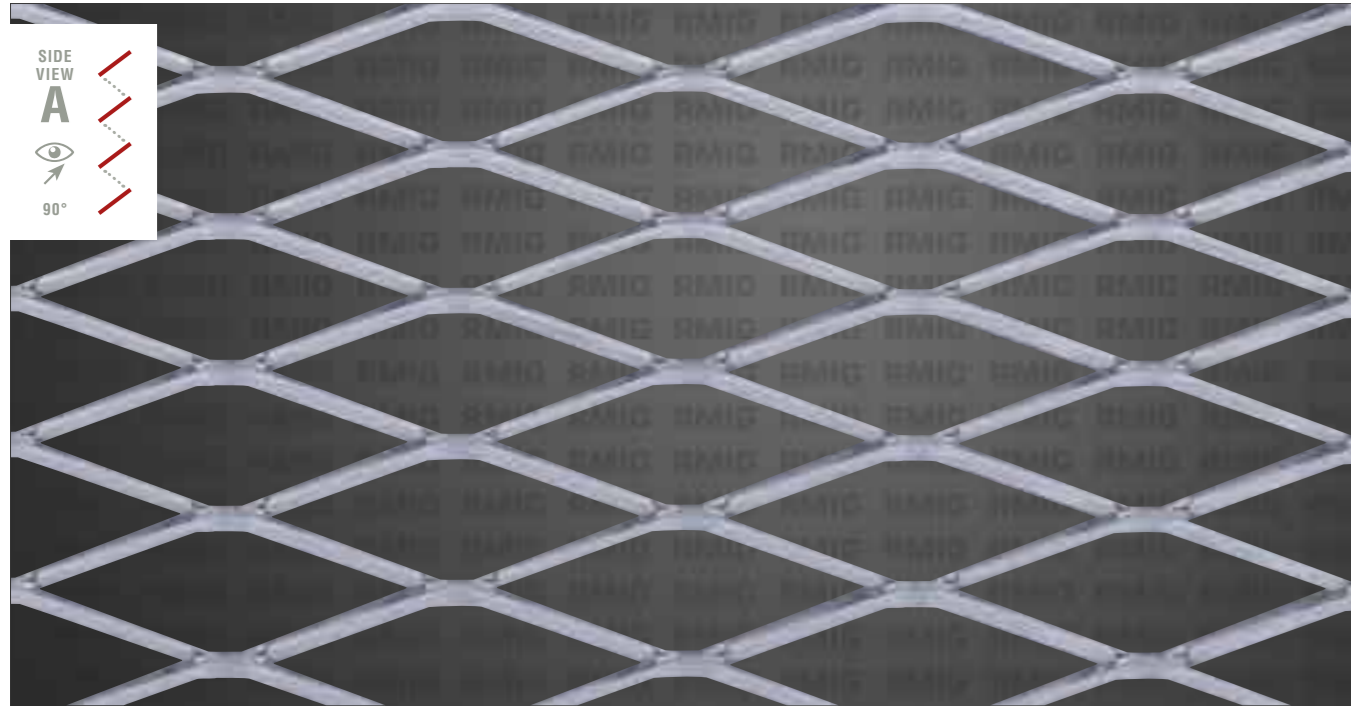
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LT52x26x4.8x2.5	Mild steel	52	26	4.8	2.5	1250x2500	6.7	63.1	WMQ265341



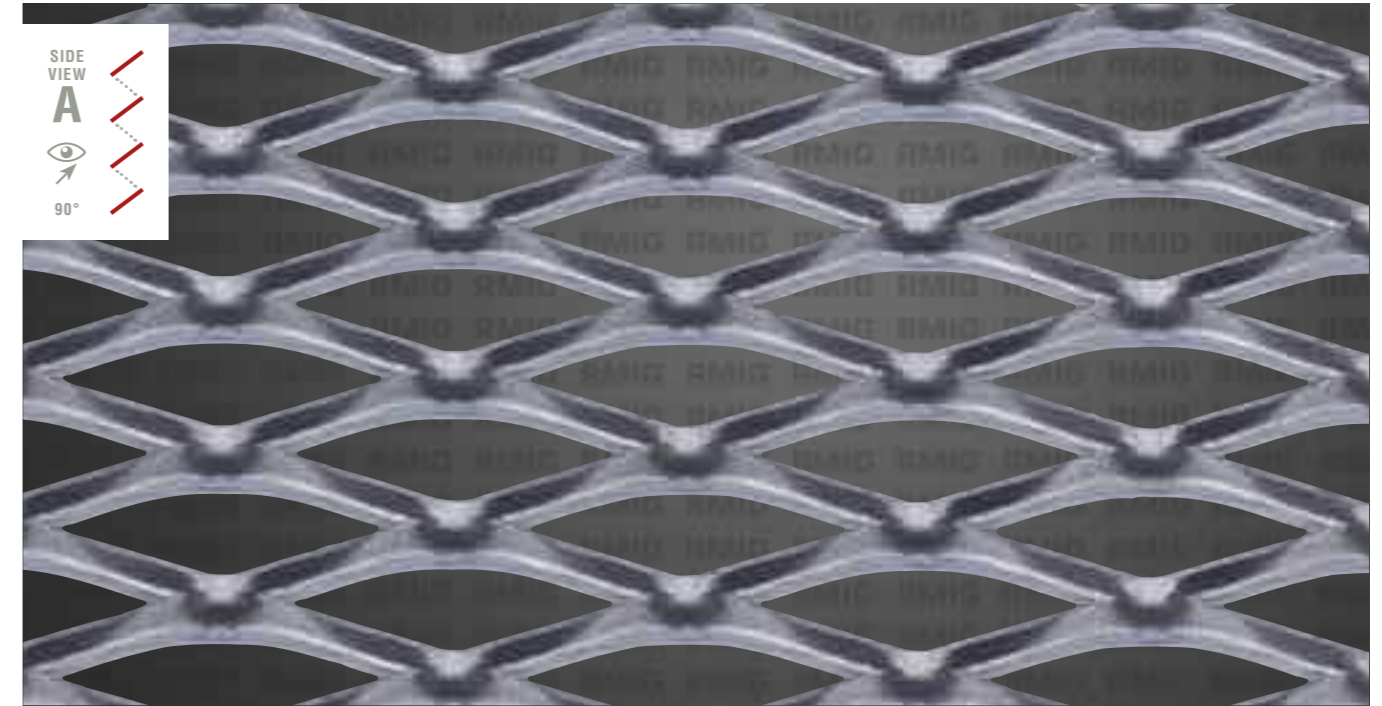
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LT52x25x3x2	Pre-galvanised DX51D	52	25	3.0	2.0	1250x2500	3.5	76.0	WGP522501



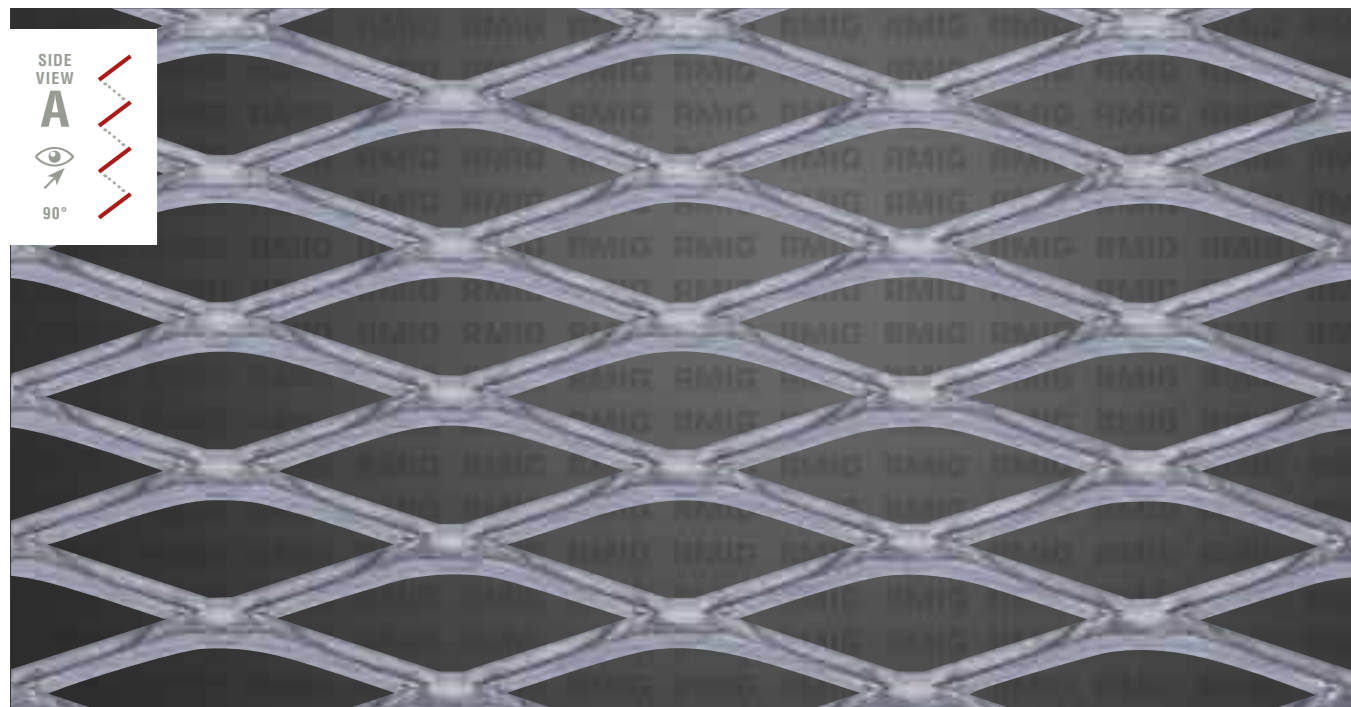
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LT62x20x2x2	Mild steel	62	20	2.0	2.0	1250x2500	3.2	80.0	WML206221
	Pre-galvanised DX51D	62	20	2.0	2.0	1250x2500	3.0	80.0	WGP206221
	Aluminium EN 1050A	62	20	2.0	2.0	1250x2500	1.0	80.0	WAP206221
	Stainless steel 1.4401	62	20	2.0	2.0	1250x2500	3.0	80.0	WXP206221



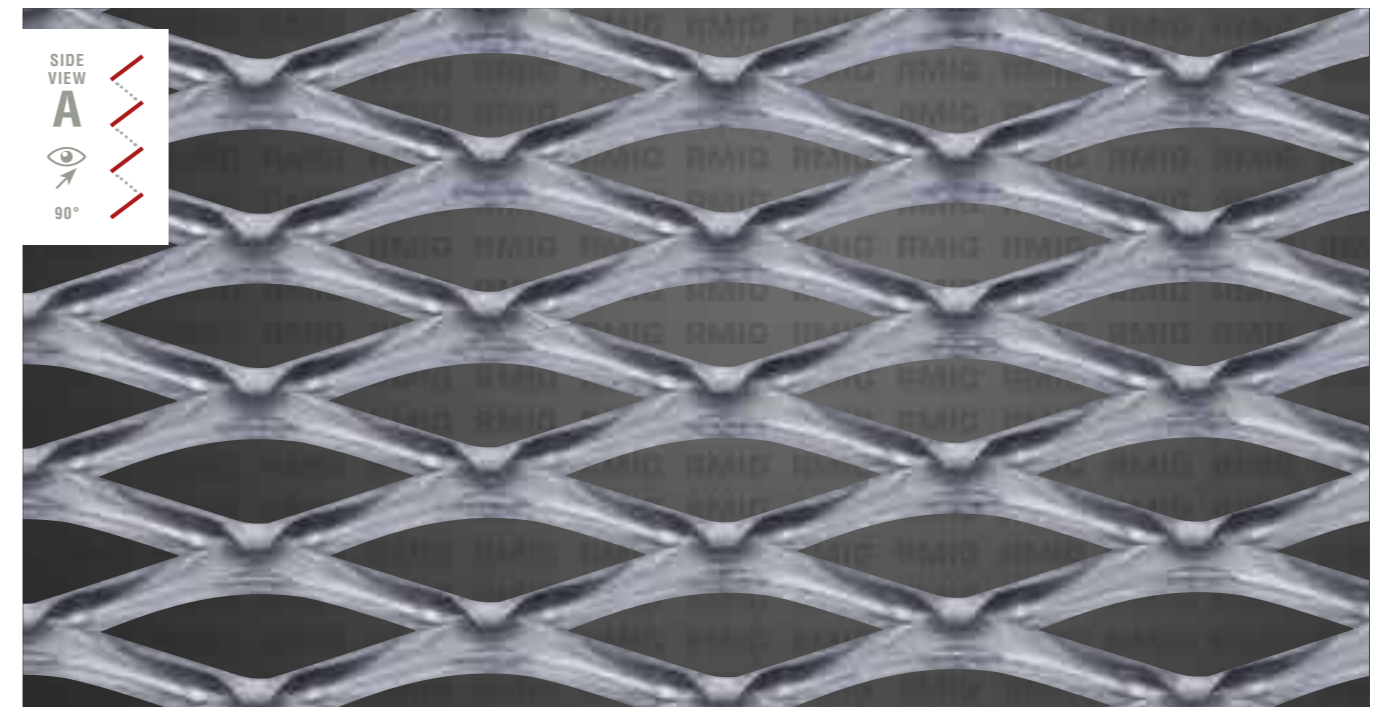
NAME	MATERIAL	LWD	SWD	W	T	SIZE LWM X SWM (MM)	KG/M ²	%	ITEM NO.
LT62x20x3x3	Mild steel	62	20	3.0	3.0	1250x2500	6.8	70.0	WMR206231



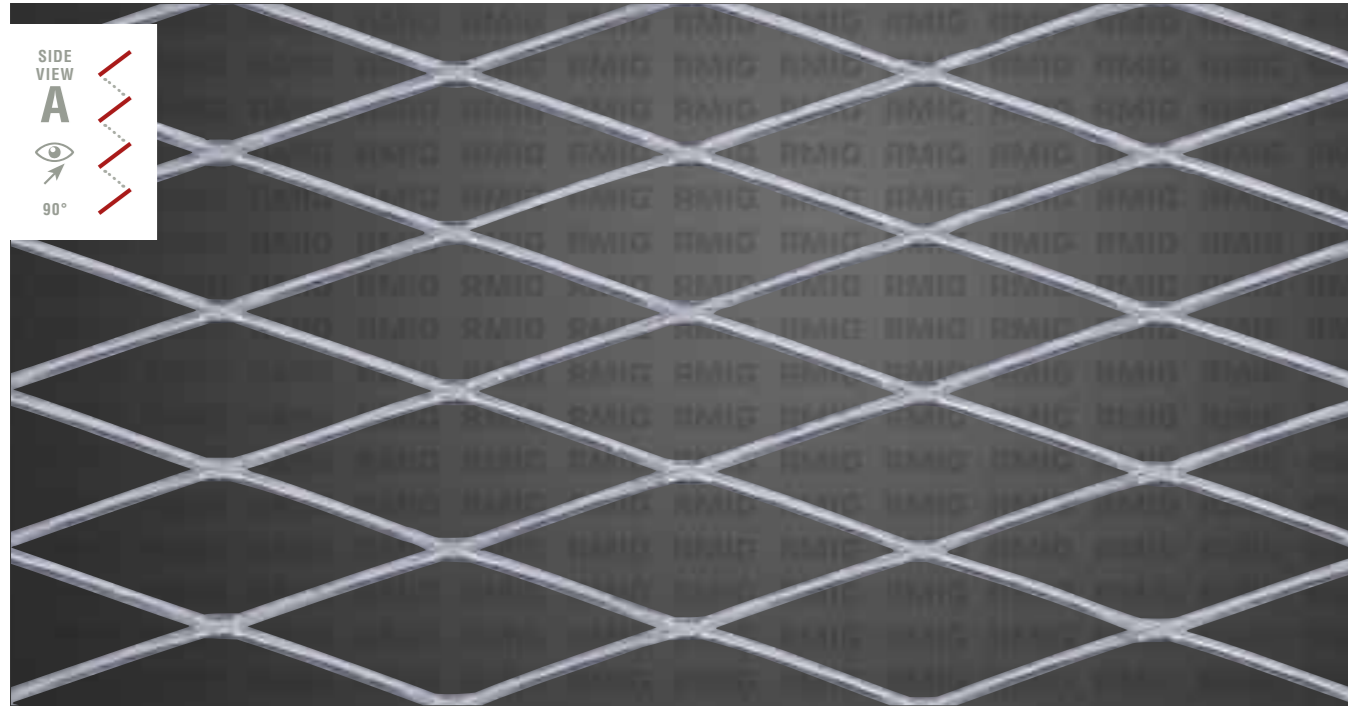
NAME	MATERIAL	LWD	SWD	W	T	SIZE LWM X SWM (MM)	KG/M ²	%	ITEM NO.
LT62x20x6x3	Mild steel	62	20	6.0	3.0	1000x3400	13.7	40.0	WMR206260
	Mild steel	62	20	6.0	3.0	1250x2500	13.7	40.0	WMR206261



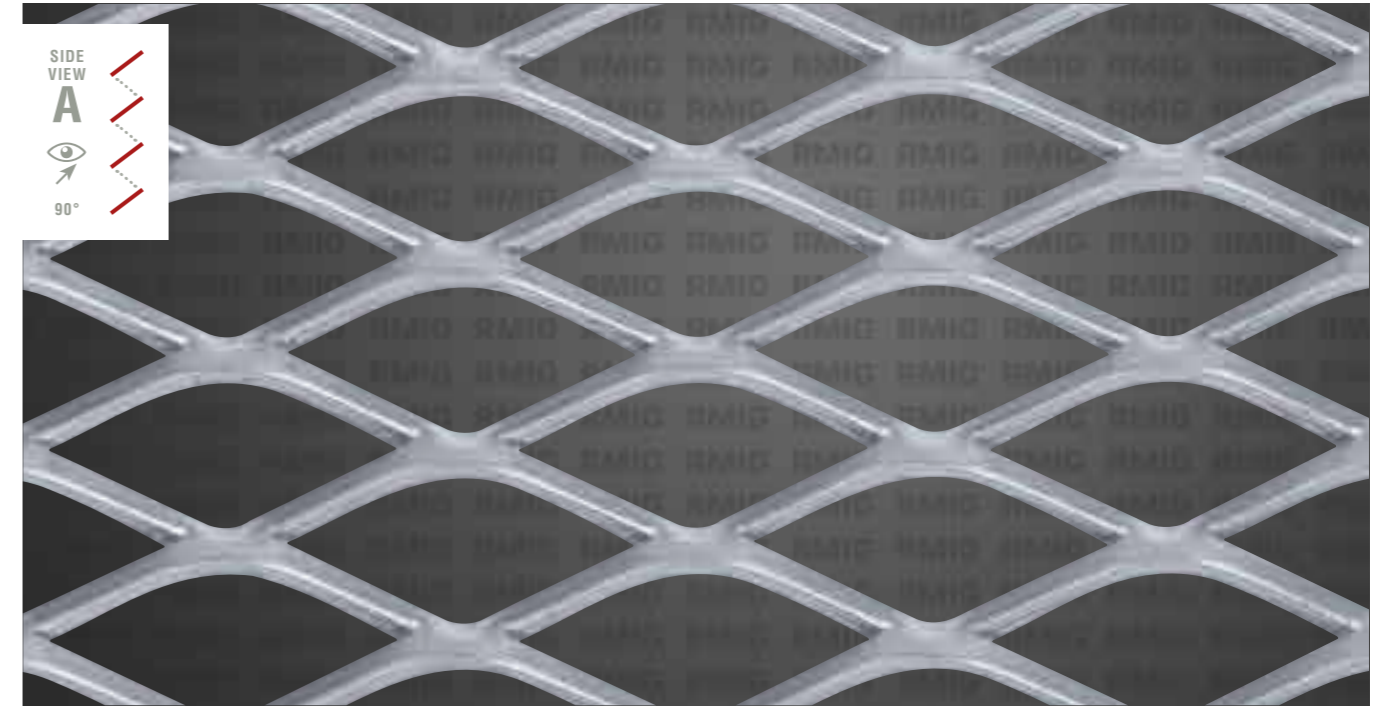
NAME	MATERIAL	LWD	SWD	W	T	SIZE LWM X SWM (MM)	KG/M ²	%	ITEM NO.
LT62x20x4.5x3	Mild steel	62	20	4.5	3.0	1250x2500	10.8	55.0	WMR206241



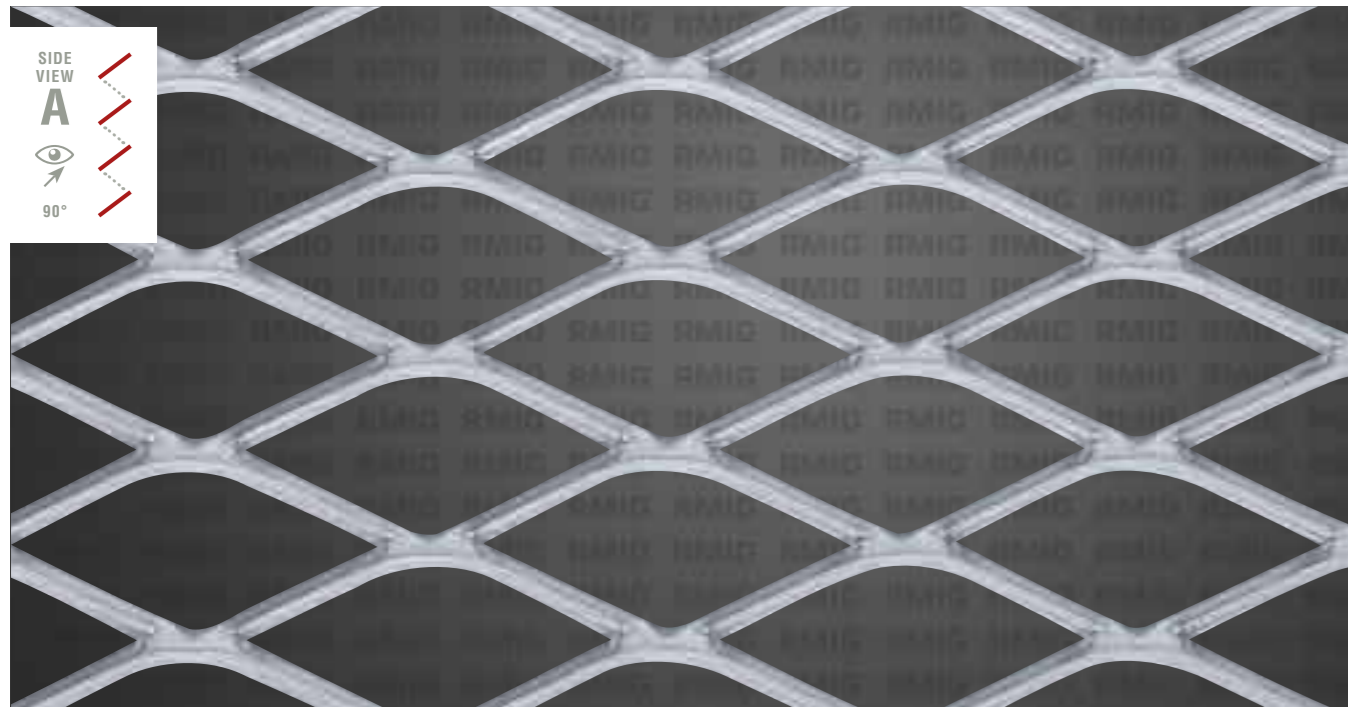
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LT62x20x6x4	Mild steel	62	20	6.0	4.0	1250x2500	18.3	40.0	WHT206261



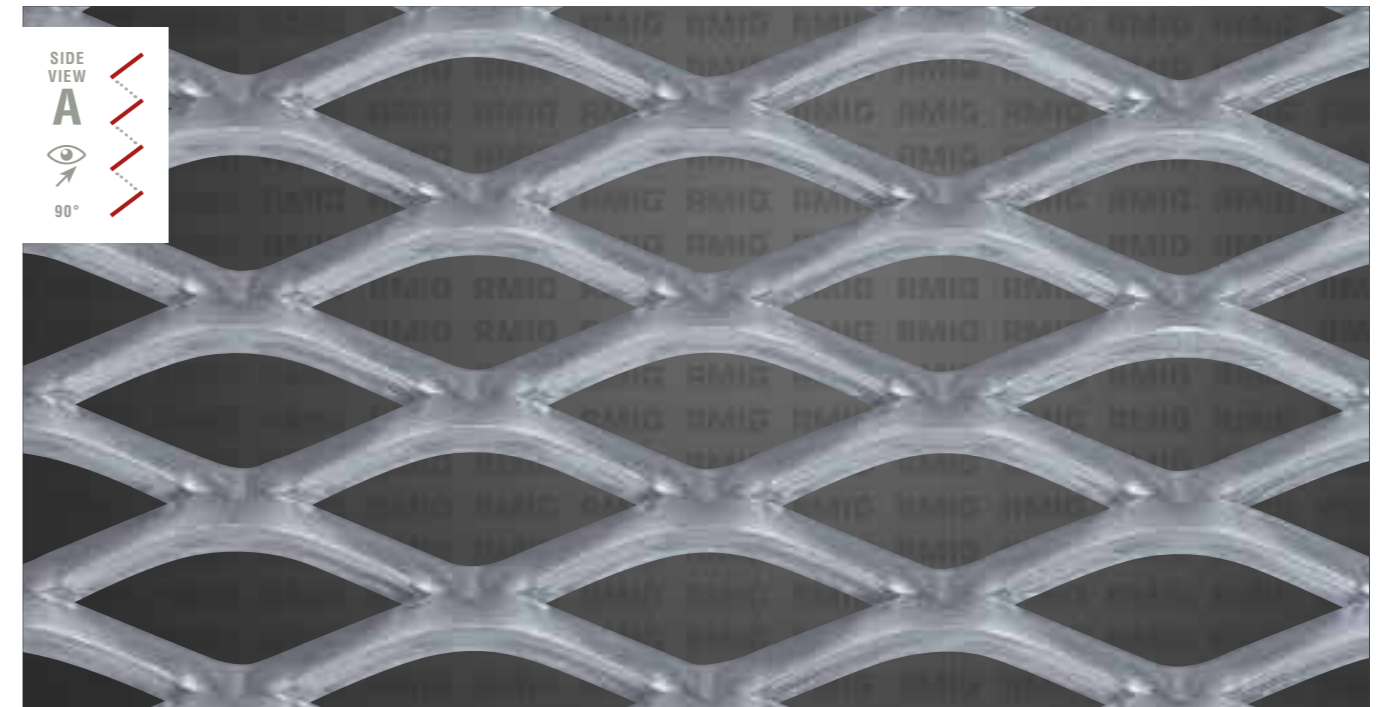
NAME	MATERIAL	LWD	SWD	W	T	SIZE LWM X SWM (MM)	KG/M ²	%	ITEM NO.
LT62x21x2.5x2	Mild steel	62	21	2.5	2.0	1000x2000	3.6	76.2	WMP622100



NAME	MATERIAL	LWD	SWD	W	T	SIZE LWM X SWM (MM)	KG/M ²	%	ITEM NO.
LT62x25x6.2x3	Mild steel	62	25	6.2	3.0	1500x2400	11.9	50.4	WHR256261



NAME	MATERIAL	LWD	SWD	W	T	SIZE LWM X SWM (MM)	KG/M ²	%	ITEM NO.
LT62x25x4.3x3	Mild steel	62	25	4.3	3.0	2100x2400	6.9	65.6	WHR256241



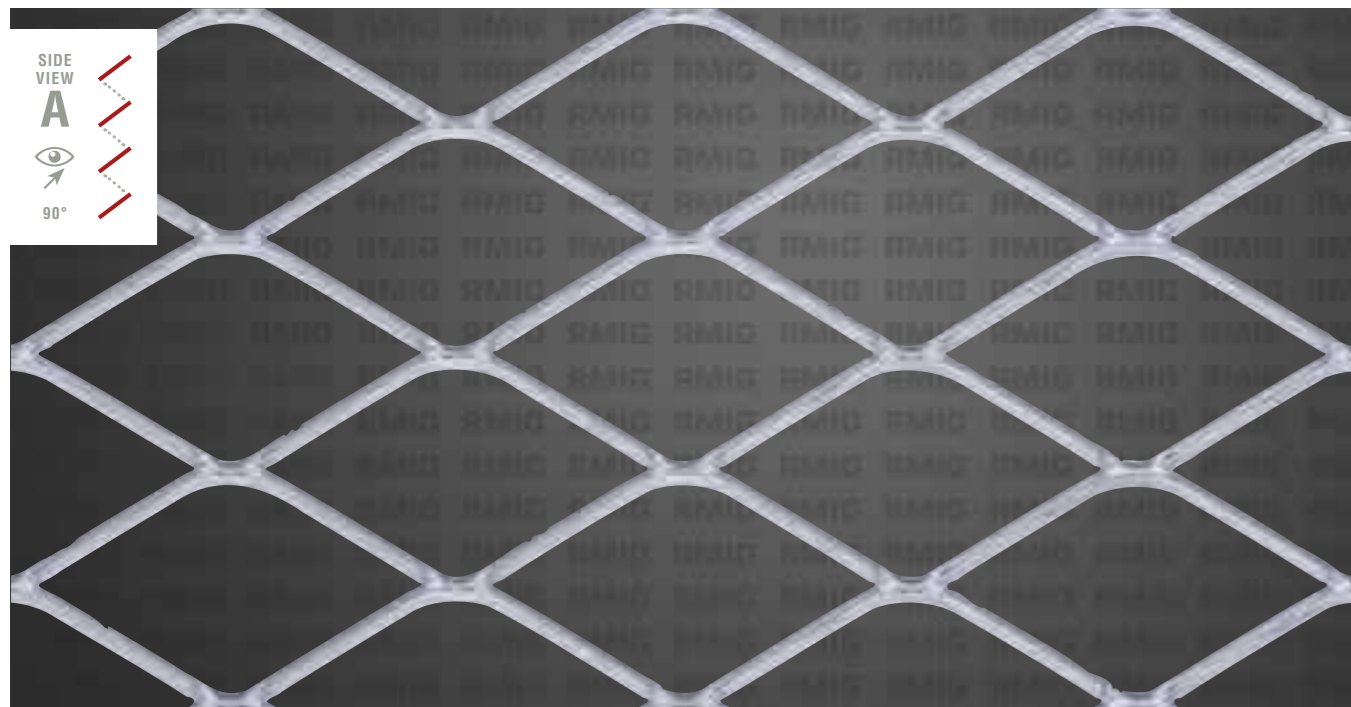
NAME	MATERIAL	LWD	SWD	W	T	SIZE LWM X SWM (MM)	KG/M ²	%	ITEM NO.
LT62x26x6x5	Mild steel	62	26	6.0	5.0	1250x2500	16.4	52.0	WHU266261



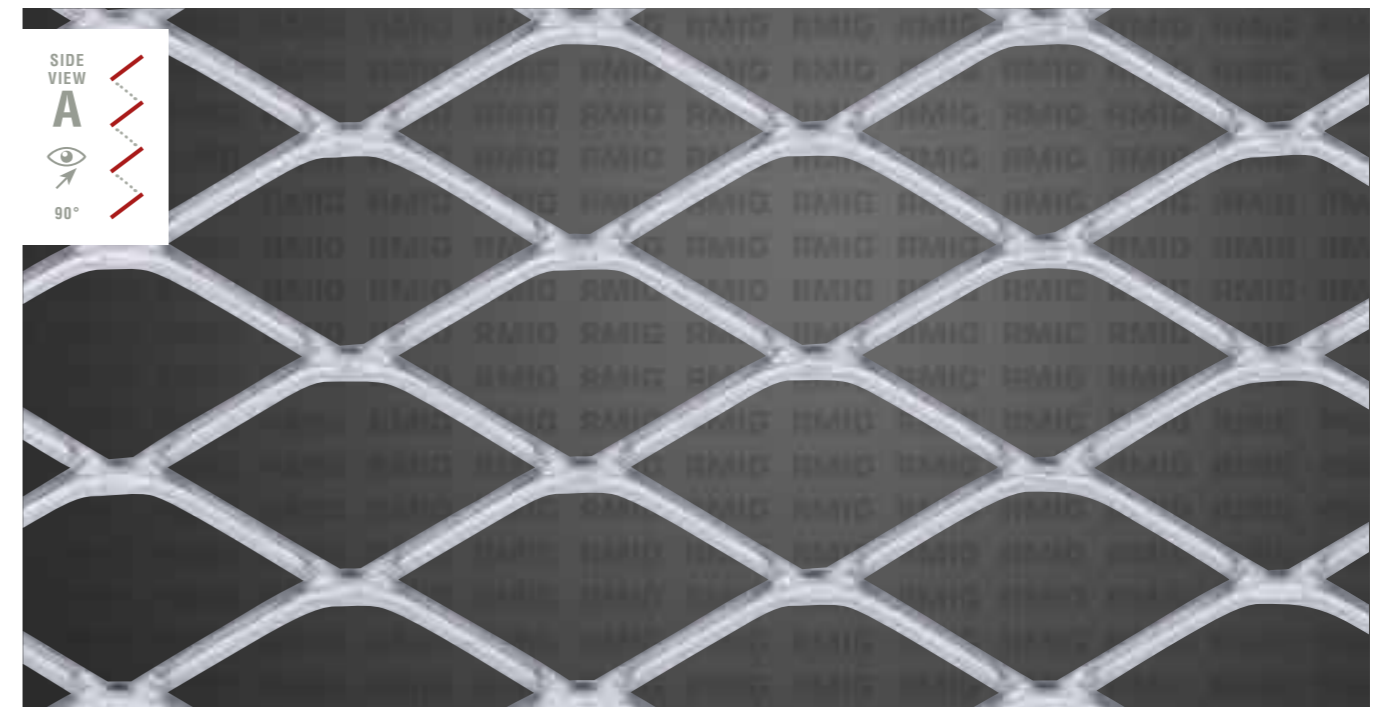
NAME	MATERIAL	LWD	SWD	W	T	SIZE LWM X SWM (MM)	KG/M ²	%	ITEM NO.
LT62x30x2x2	Mild steel	62	30	2.0	2.0	1500x2000	2.0	86.7	WHP306220



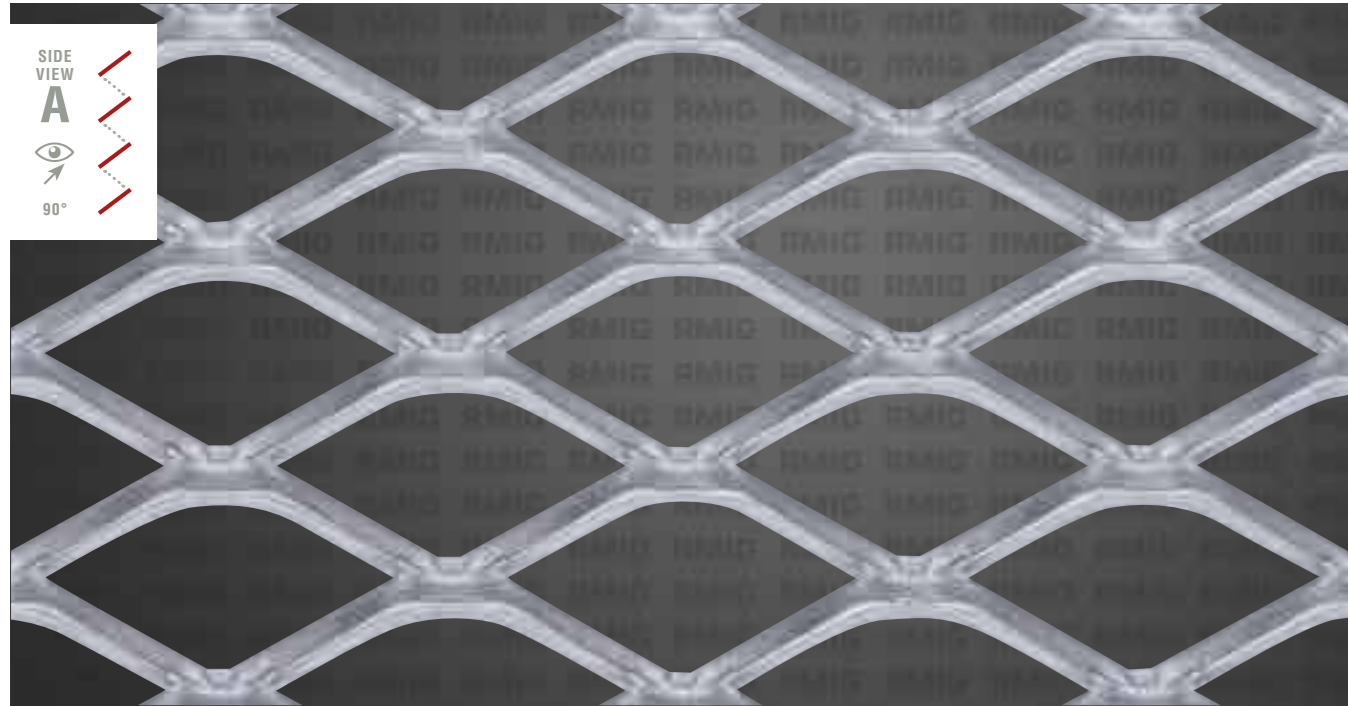
NAME	MATERIAL	LWD	SWD	W	T	SIZE LWM X SWM (MM)	KG/M ²	%	ITEM NO.
LT62x30x3x3	Mild steel	62	30	3.0	3.0	1500x2000	4.8	80.0	WHR306230



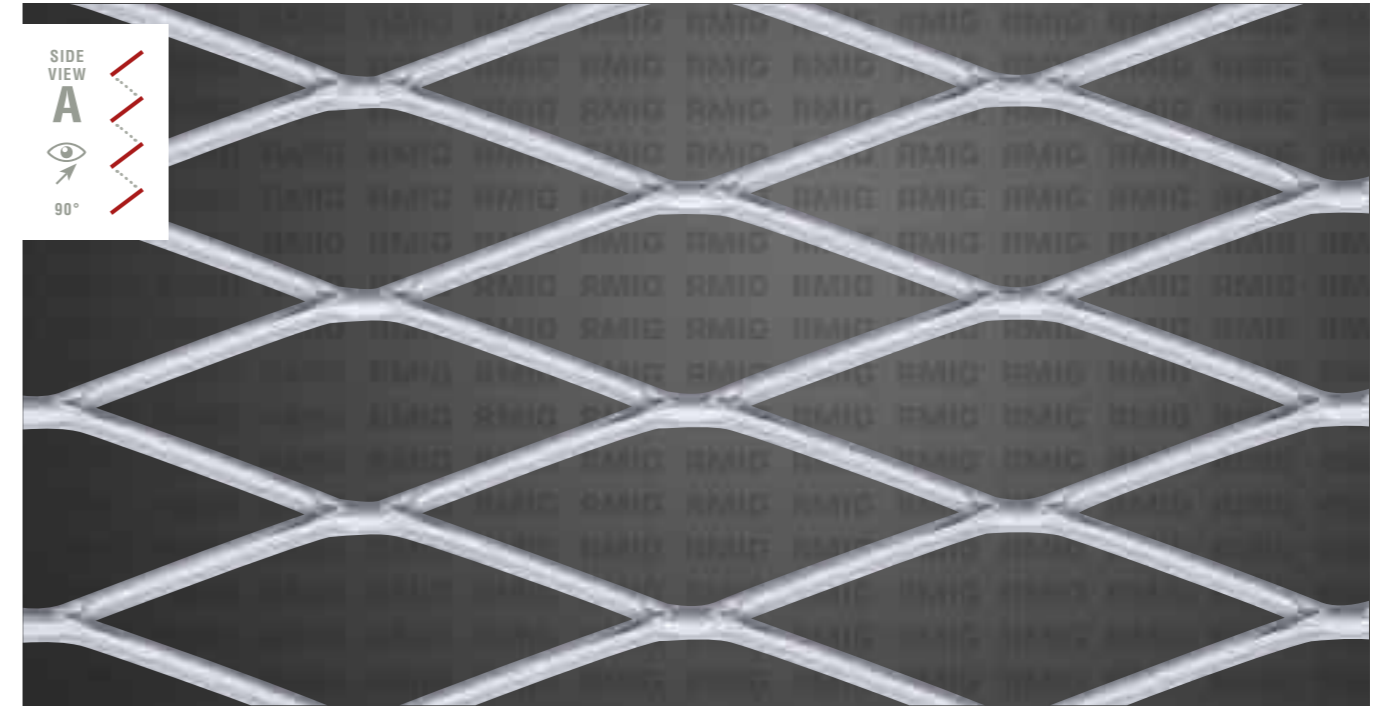
NAME	MATERIAL	LWD	SWD	W	T	SIZE LWM X SWM (MM)	KG/M ²	%	ITEM NO.
LT62x30x3x2	Mild steel	62	30	3.0	2.0	1500x2000	3.2	80.0	WHP306230



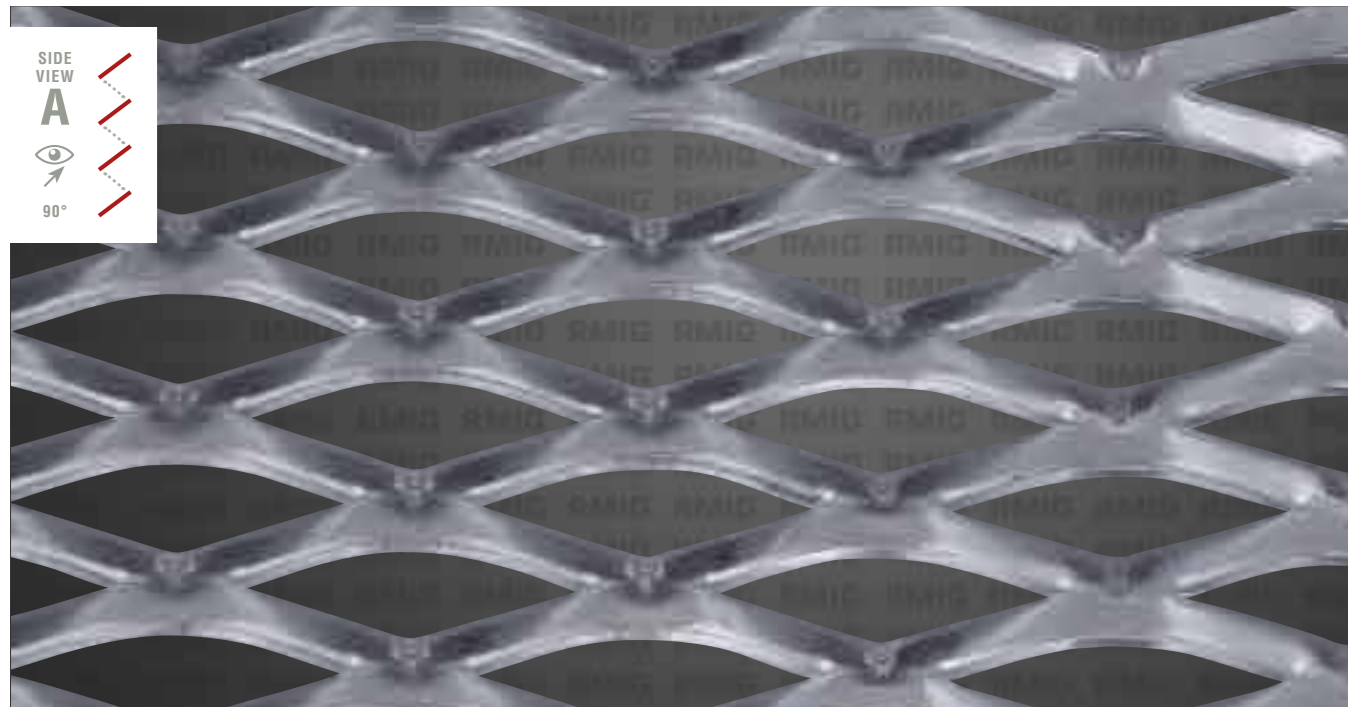
NAME	MATERIAL	LWD	SWD	W	T	SIZE LWM X SWM (MM)	KG/M ²	%	ITEM NO.
LT62x30x4x3	Mild steel	62	30	4.0	3.0	1500x2000	6.4	73.3	WHR306240



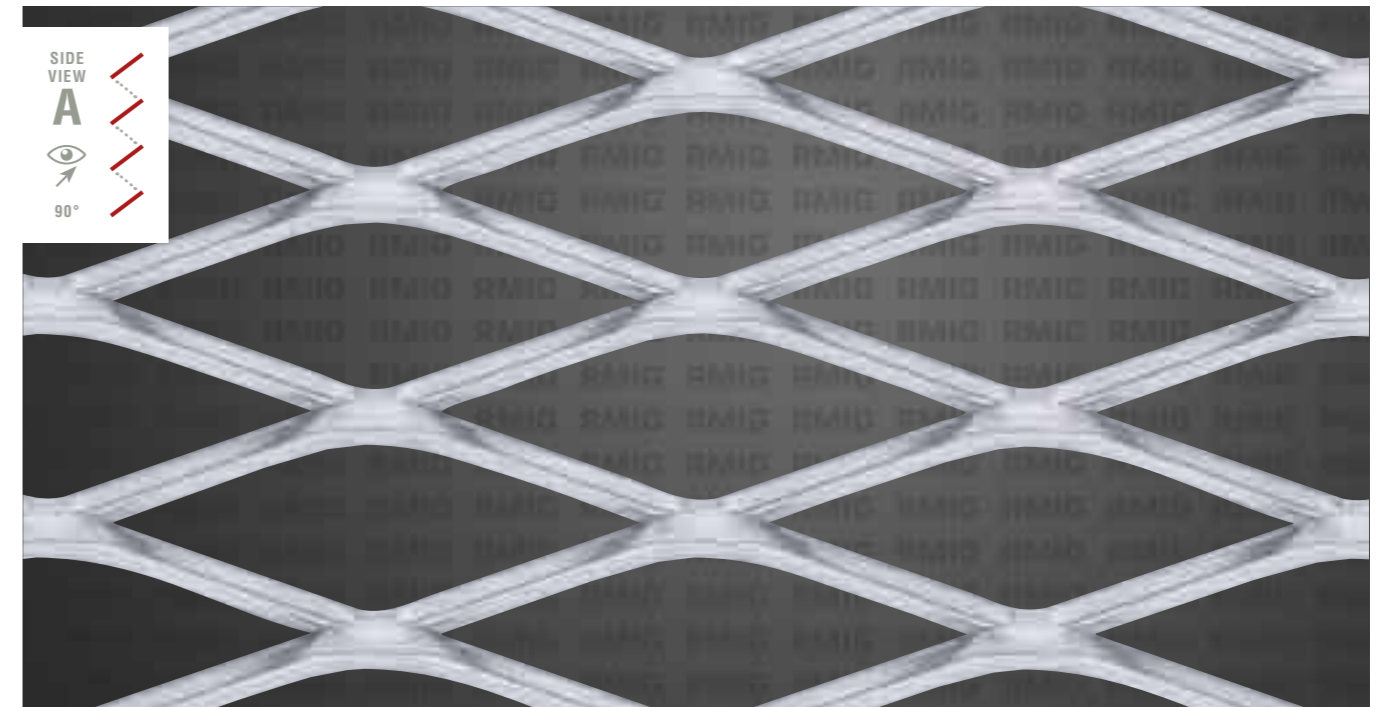
NAME	MATERIAL	LWD	SWD	W	T	SIZE LWM X SWM (MM)	KG/M ²	%	ITEM NO.
LT62x30x6x3	Mild steel	62	30	6.0	3.0	1500x2000	9.6	60.0	WHR306260



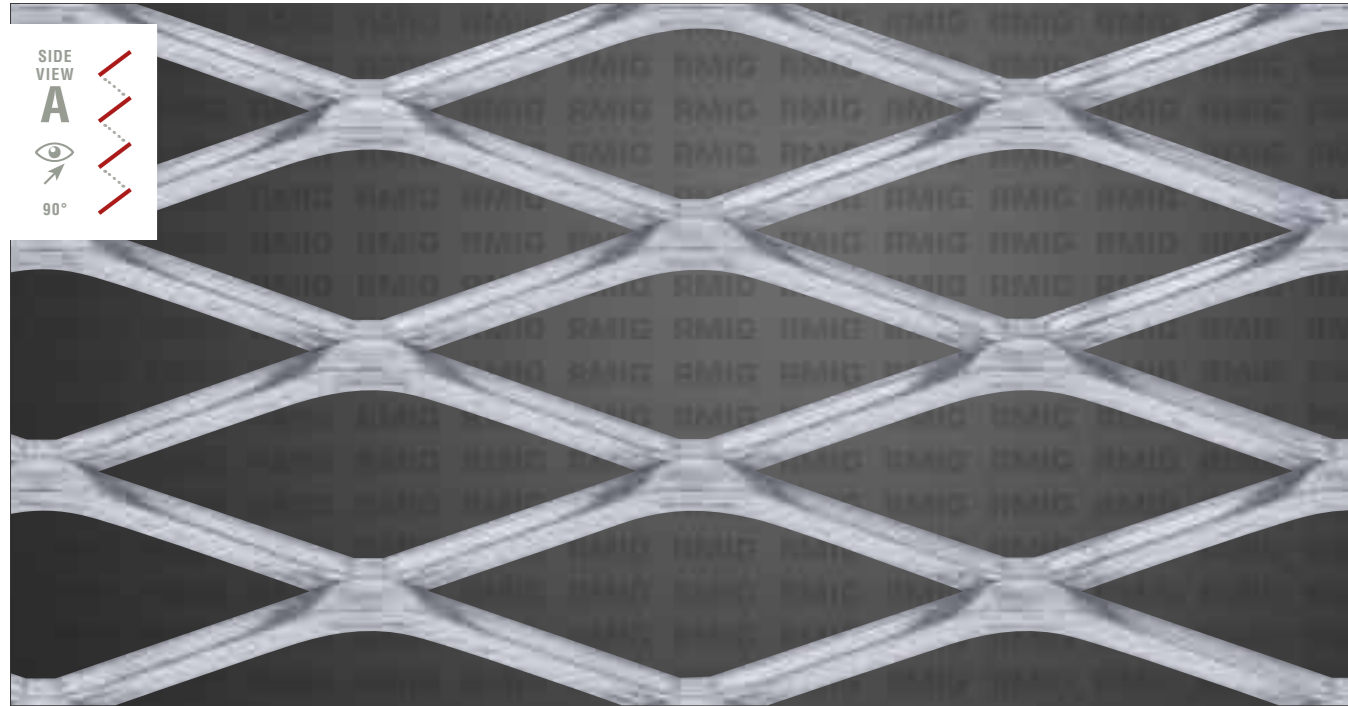
NAME	MATERIAL	LWD	SWD	W	T	SIZE LWM X SWM (MM)	KG/M ²	%	ITEM NO.
LT88x30x3x3	Mild steel	88	30	3.0	3.0	1250x2500	4.5	80.0	WMR308831



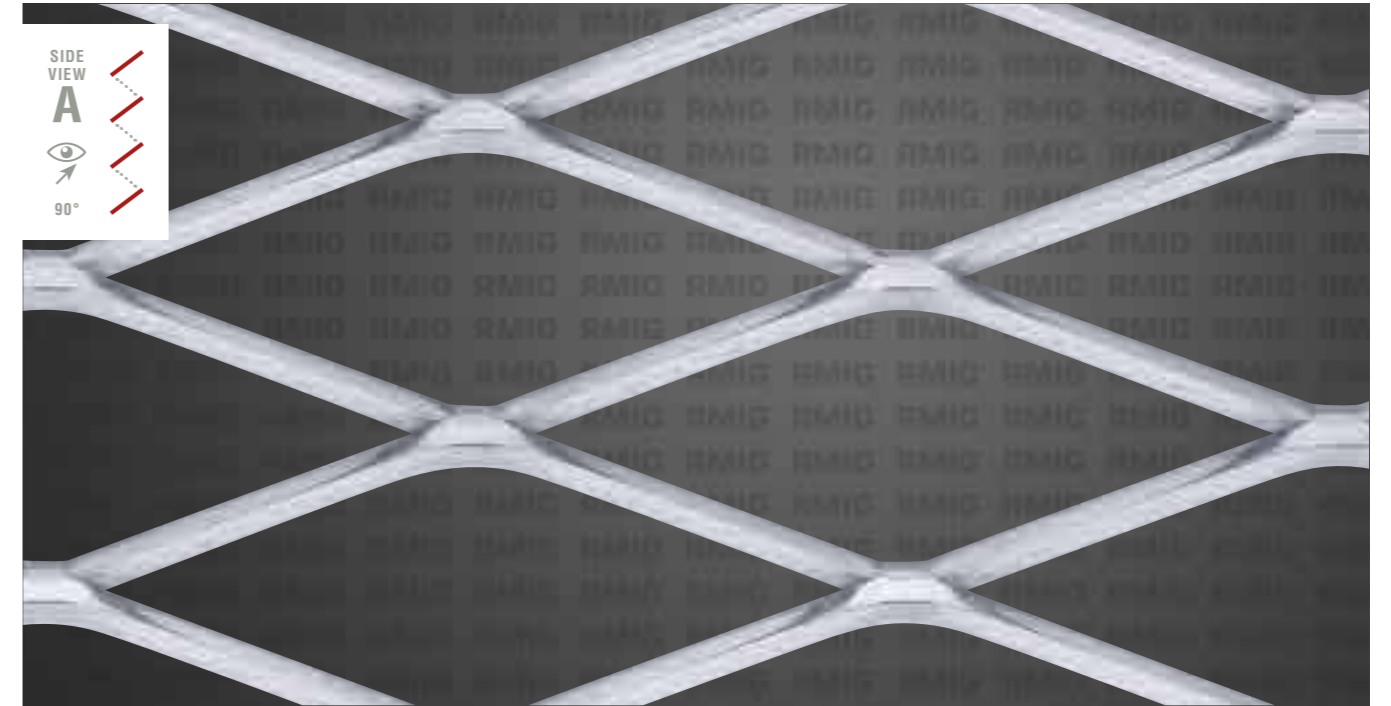
NAME	MATERIAL	LWD	SWD	W	T	SIZE LWM X SWM (MM)	KG/M ²	%	ITEM NO.
LT62.5x23x7x3	Aluminium EN 1050A	62.5	23	7.0	3.0	1000x2000	4.6	39.1	WAR622310



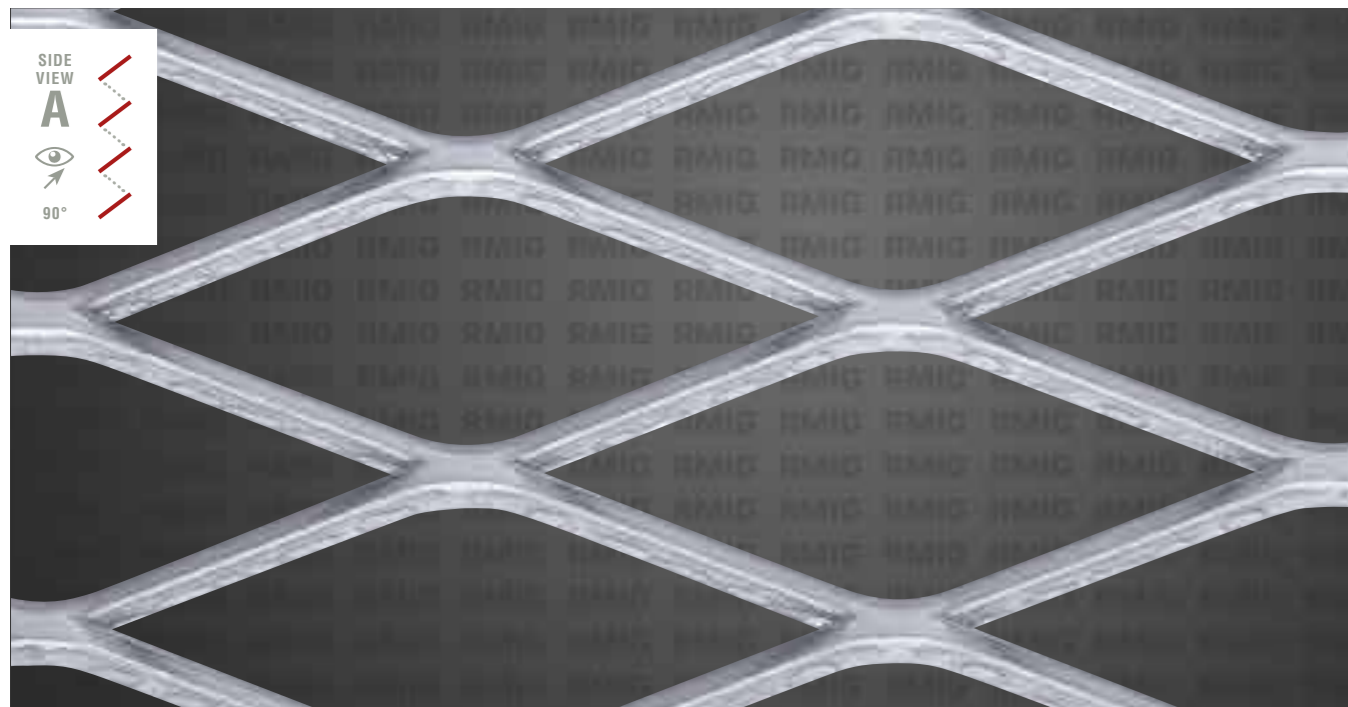
NAME	MATERIAL	LWD	SWD	W	T	SIZE LWM X SWM (MM)	KG/M ²	%	ITEM NO.
LT88x30x6x3	Mild steel	88	30	6.0	3.0	1250x2500	9.1	60.0	WMR308861



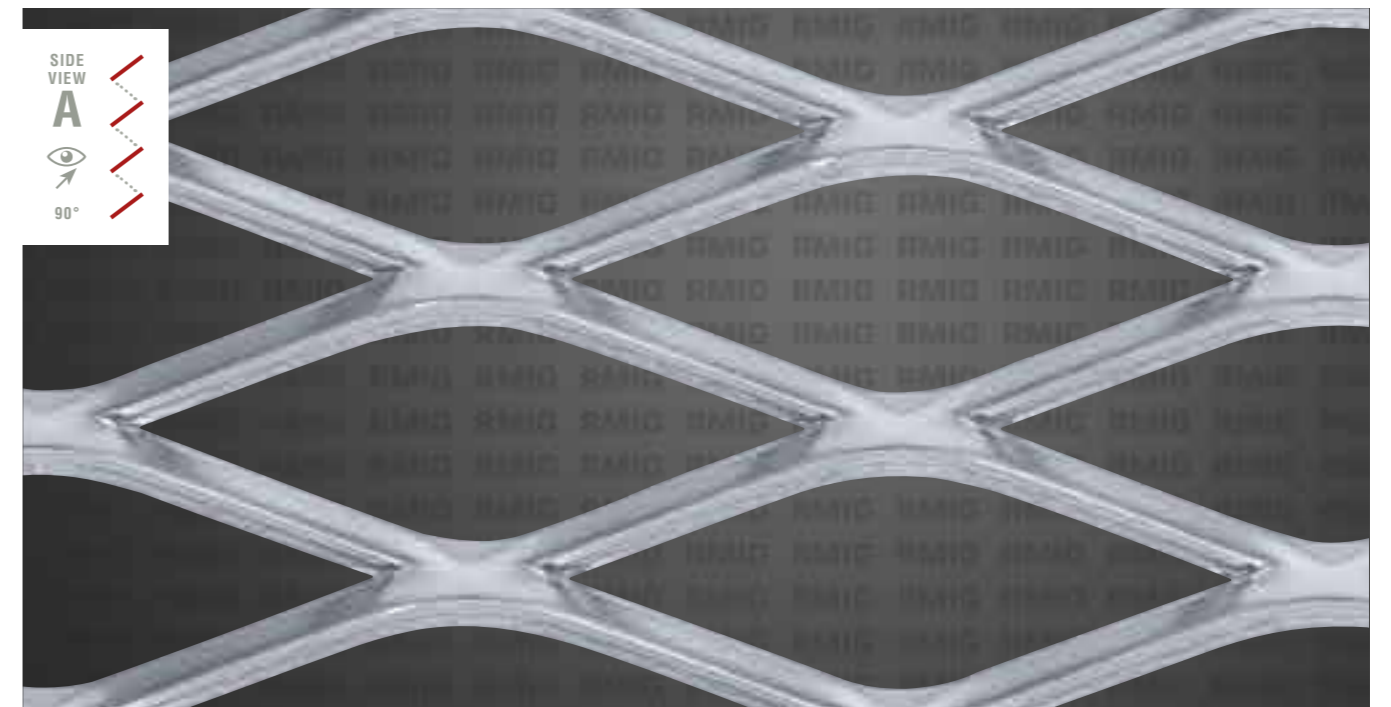
NAME	MATERIAL	LWD	SWD	W	T	SIZE LWM X SWM (MM)	KG/M ²	%	ITEM NO.
LT88x30x6x4	Mild steel	88	30	6.0	4.0	1250x2500	12.2	60.0	WHT308861



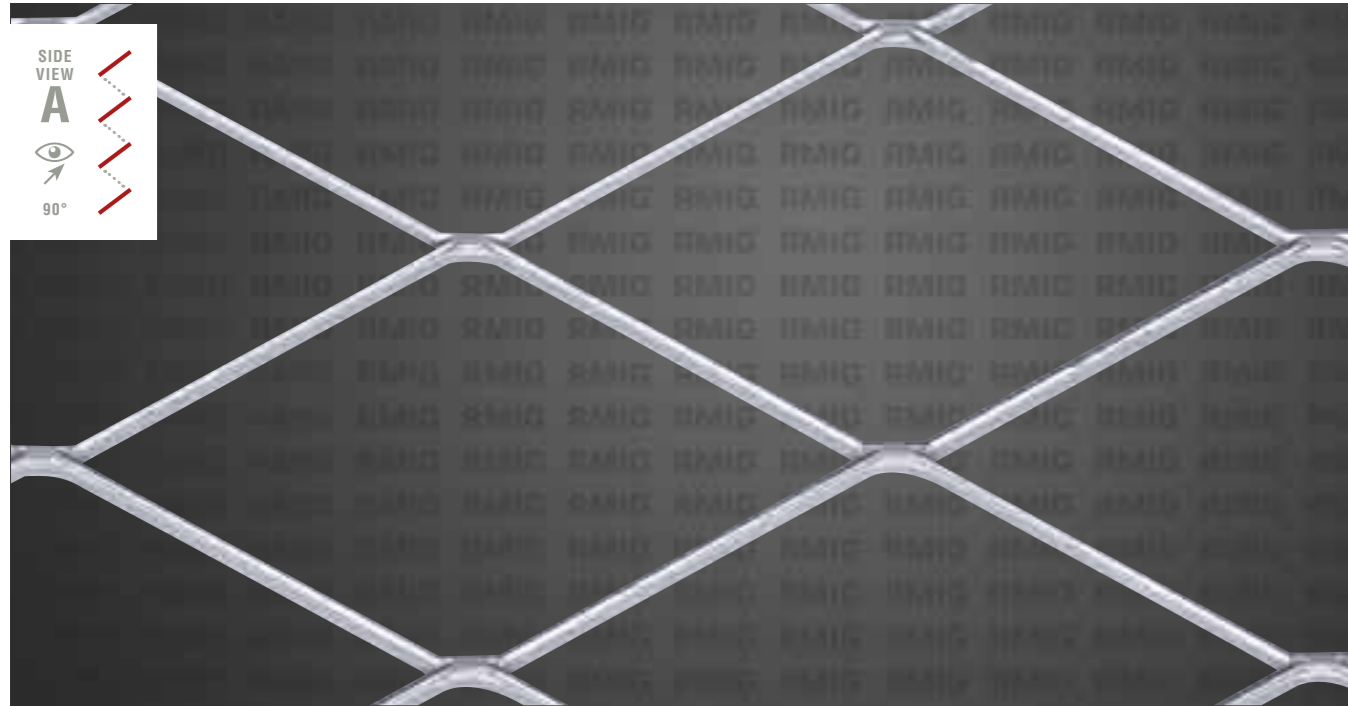
NAME	MATERIAL	LWD	SWD	W	T	SIZE LWM X SWM (MM)	KG/M ²	%	ITEM NO.
LT115x40x6x4	Mild steel	115	40	6.0	4.0	1250x2500	9.1	70.0	WHT4011561



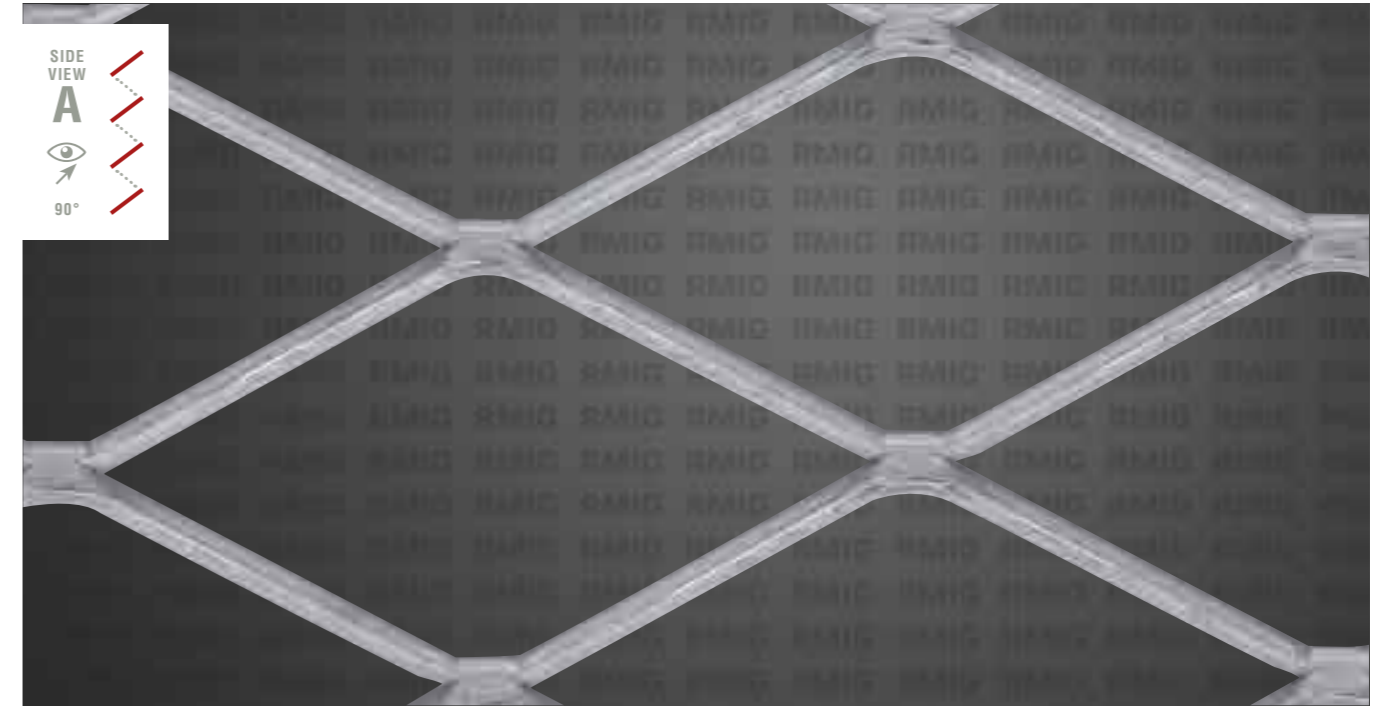
NAME	MATERIAL	LWD	SWD	W	T	SIZE LWM X SWM (MM)	KG/M ²	%	ITEM NO.
LT115x40x5.6x4.5	Mild steel	115	40	5.6	4.5	2000x2400	9.7	72.0	WHT4111551



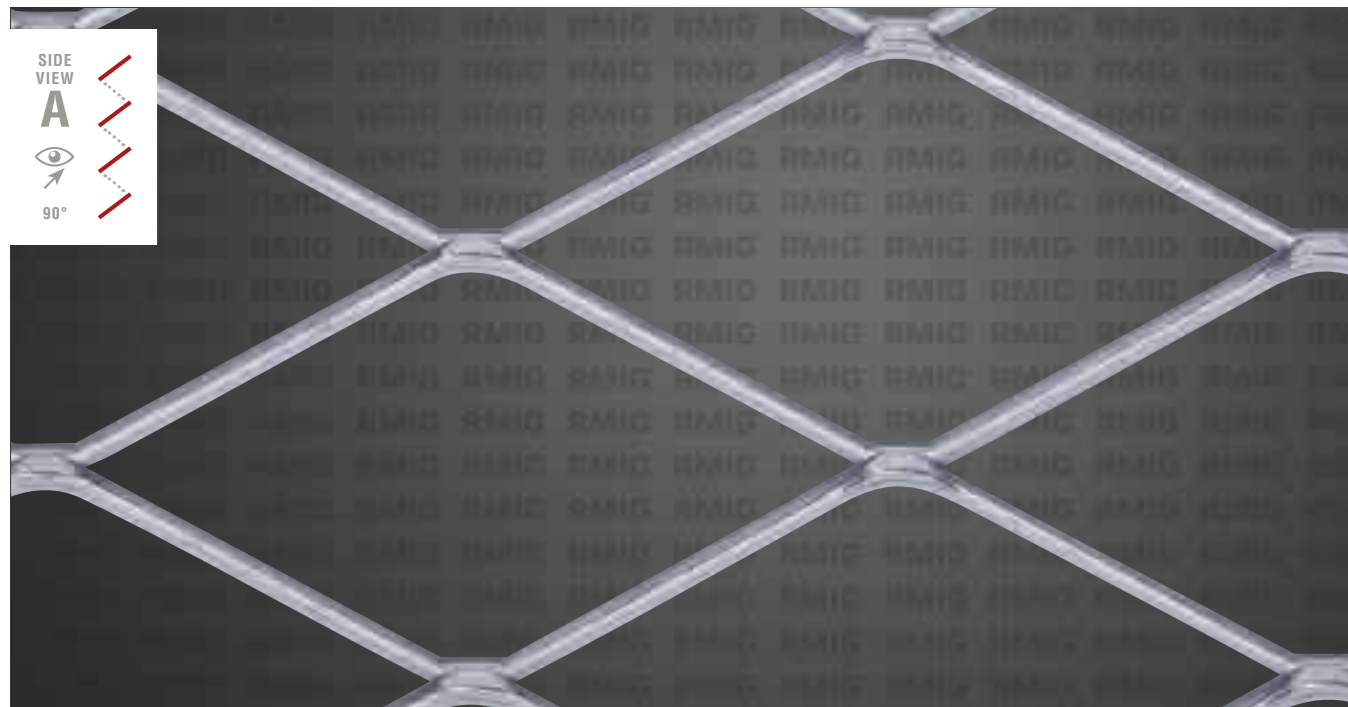
NAME	MATERIAL	LWD	SWD	W	T	SIZE LWM X SWM (MM)	KG/M ²	%	ITEM NO.
LT115x40x8.6x4.5	Mild steel	115	40	8.6	4.5	2000x2500	15.2	57.0	WHT4011580



NAME	MATERIAL	LWD	SWD	W	T	SIZE LWM X SWM (MM)	KG/M ²	%	ITEM NO.
LT115x55x3x3	Mild steel	115	55	3.0	3.0	1500x2000	2.5	89.1	WHR5511530



NAME	MATERIAL	LWD	SWD	W	T	SIZE LWM X SWM (MM)	KG/M ²	%	ITEM NO.
LT115x55x5x3	Mild steel	115	55	5.0	3.0	1500x2000	4.0	81.8	WHR5511550



NAME	MATERIAL	LWD	SWD	W	T	SIZE LWM X SWM (MM)	KG/M ²	%	ITEM NO.
LT115x55x4x3	Mild steel	115	55	4.0	3.0	1500x2000	3.2	85.5	WHR5511542



RMIG newsletters
Be the first to know

At RMIG, we share insight, knowledge and innovation with our customers. You can subscribe to our newsletters and be the first to know more about products and solutions within perforated and expanded metal.

Choose the RMIG Newsletter for general information or the RMIG City Emotion Newsletter for architects and others with a passion for creative urban design.

Subscribe at signup.rmig.com or scan the code.



Application: Facade
 Pattern: Special tailor-made (LTH200x78x24x1.5)
 Material: Aluminium EN 5005

Timeless and functional facade

For this unique combination of day care, youth club and public recreational areas, the architects chose expanded metal as a timeless, robust and yet elegant facade material.

The surrounding area is a mix of harbour atmosphere and residential buildings, and the expanded metal blends in well. Anodised aluminium was chosen for the task, as it is light, easy to install, and requires almost no maintenance.



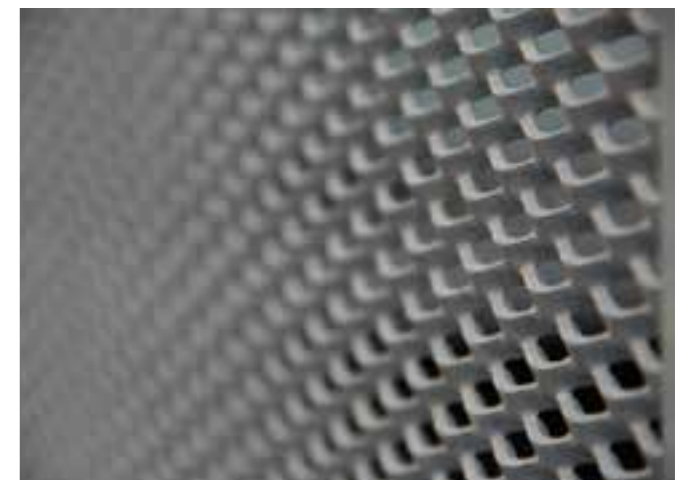
MORE...
 Scan the code with your smartphone for more info on the Haveje project.



MORE...
 Scan the code with your smartphone for more info on the Levysgade project.



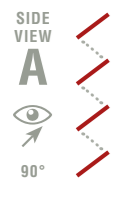
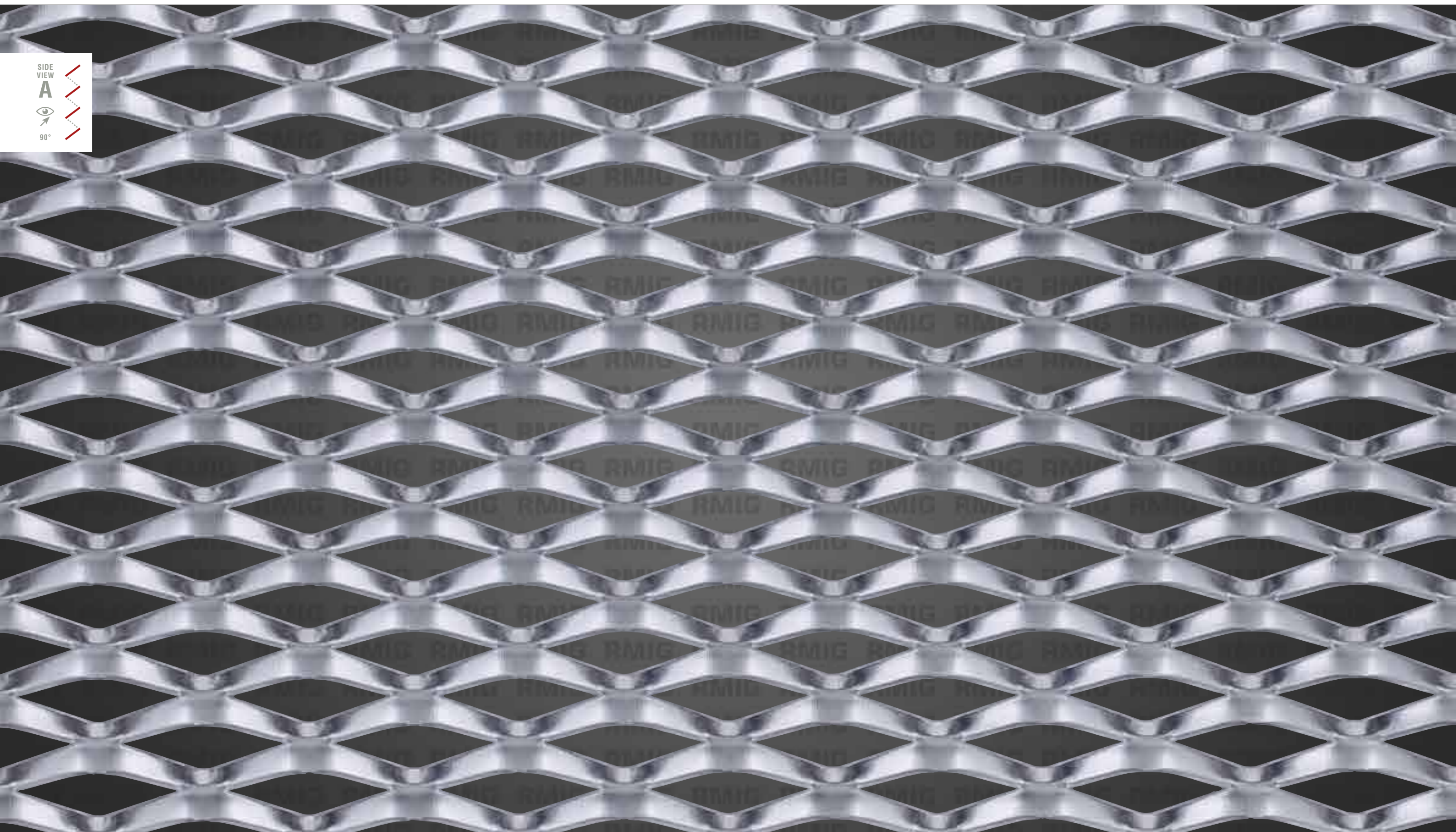
Application: Protective screening
 Pattern: LT30x12x4.5x2.5
 Material: Mild steel, hot dip galvanised



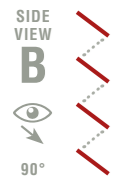
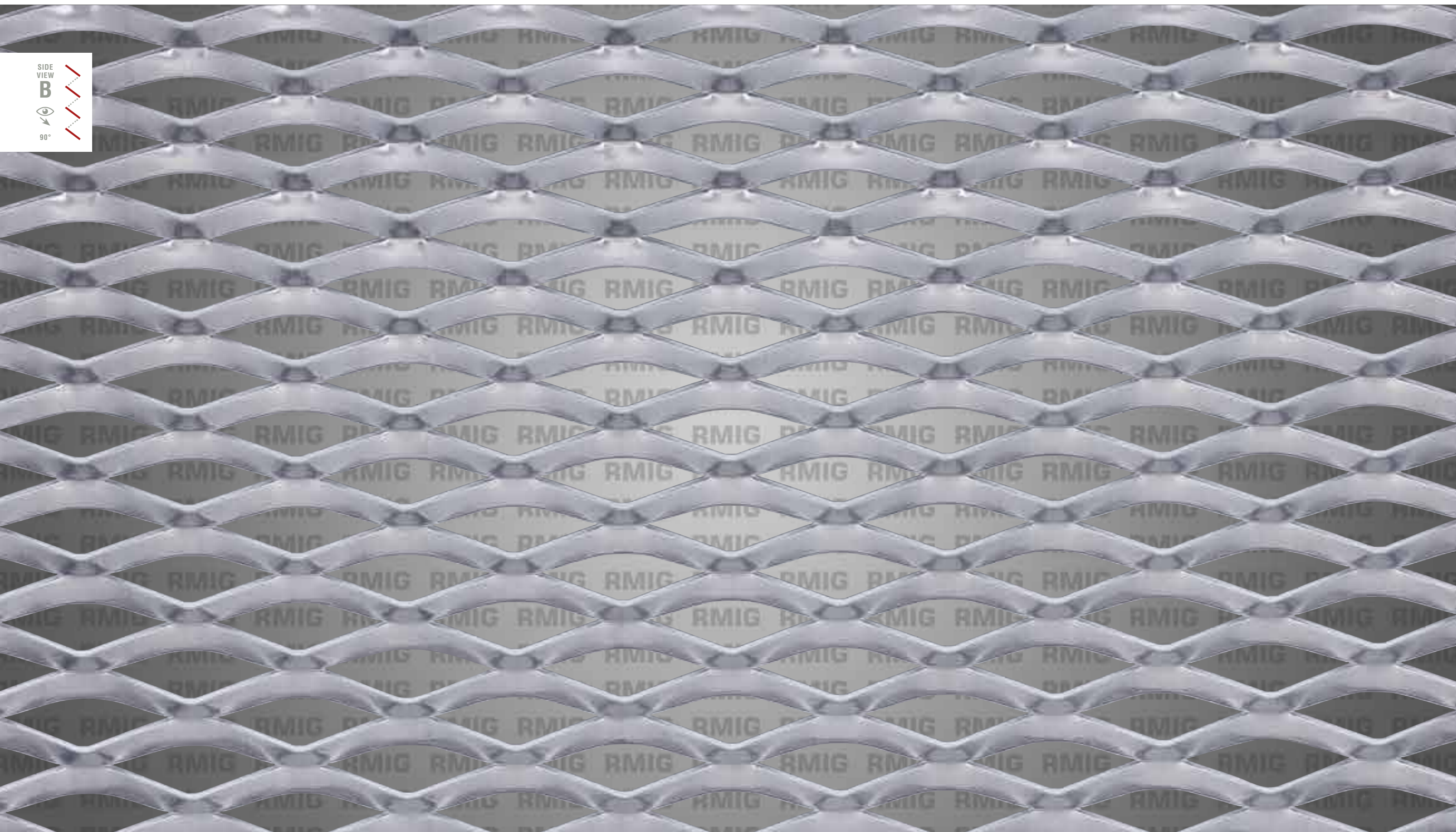
Fast delivery, long-lasting solution

At RMIG, we offer express delivery of expanded metal from our extensive stock. The sheets can be mounted in frames for efficient shielding, as shown here in the backyard of a residential area.

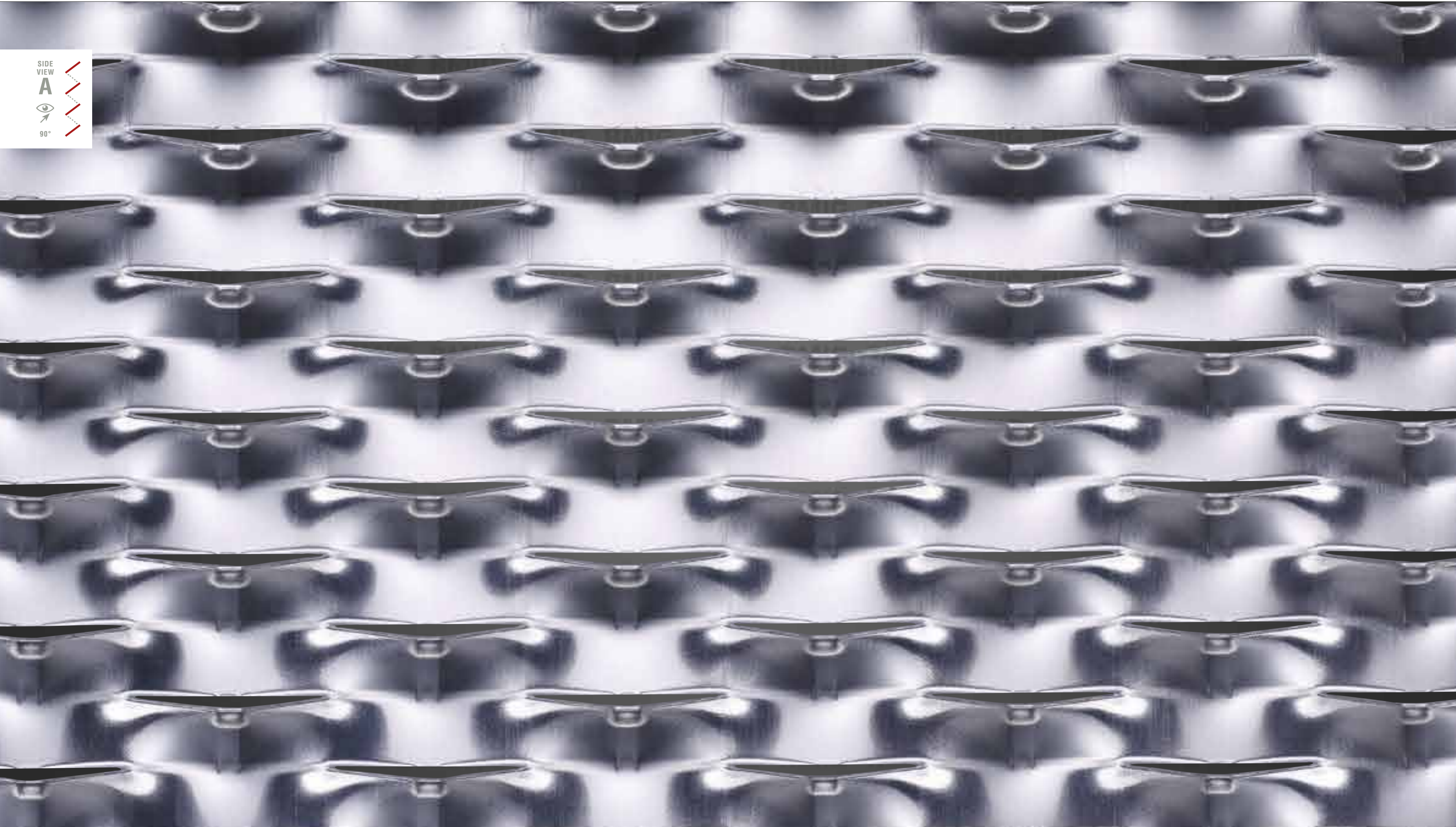
As above, the expanded metal panels can be mounted with the mesh pattern going in an upward or downward direction, creating various degrees of visibility. Furthermore, the steel has been hot dip galvanised to secure long-lasting, maintenance-free functionality.



NAME	TYPE	LWD	SWD	W	T	%	PROFILE THICKNESS (MM)
RMIG Sydney	LT	62	27	9.0	2.0	40.4	13

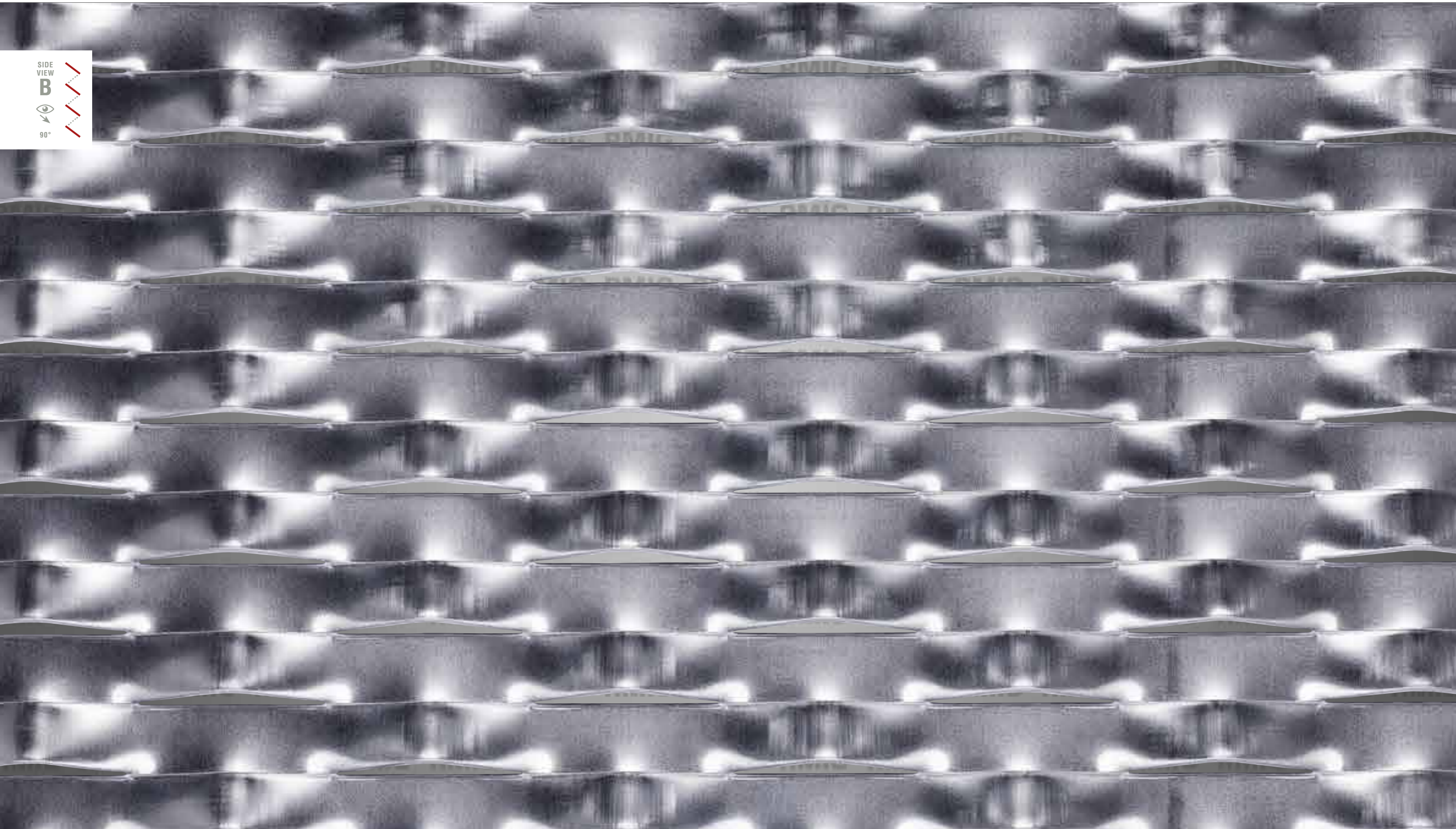


NAME	TYPE	LWD	SWD	W	T	%	PROFILE THICKNESS (MM)
RMIG Sydney	LT	62	27	9.0	2.0	40.4	13



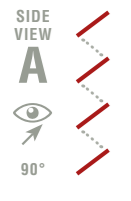
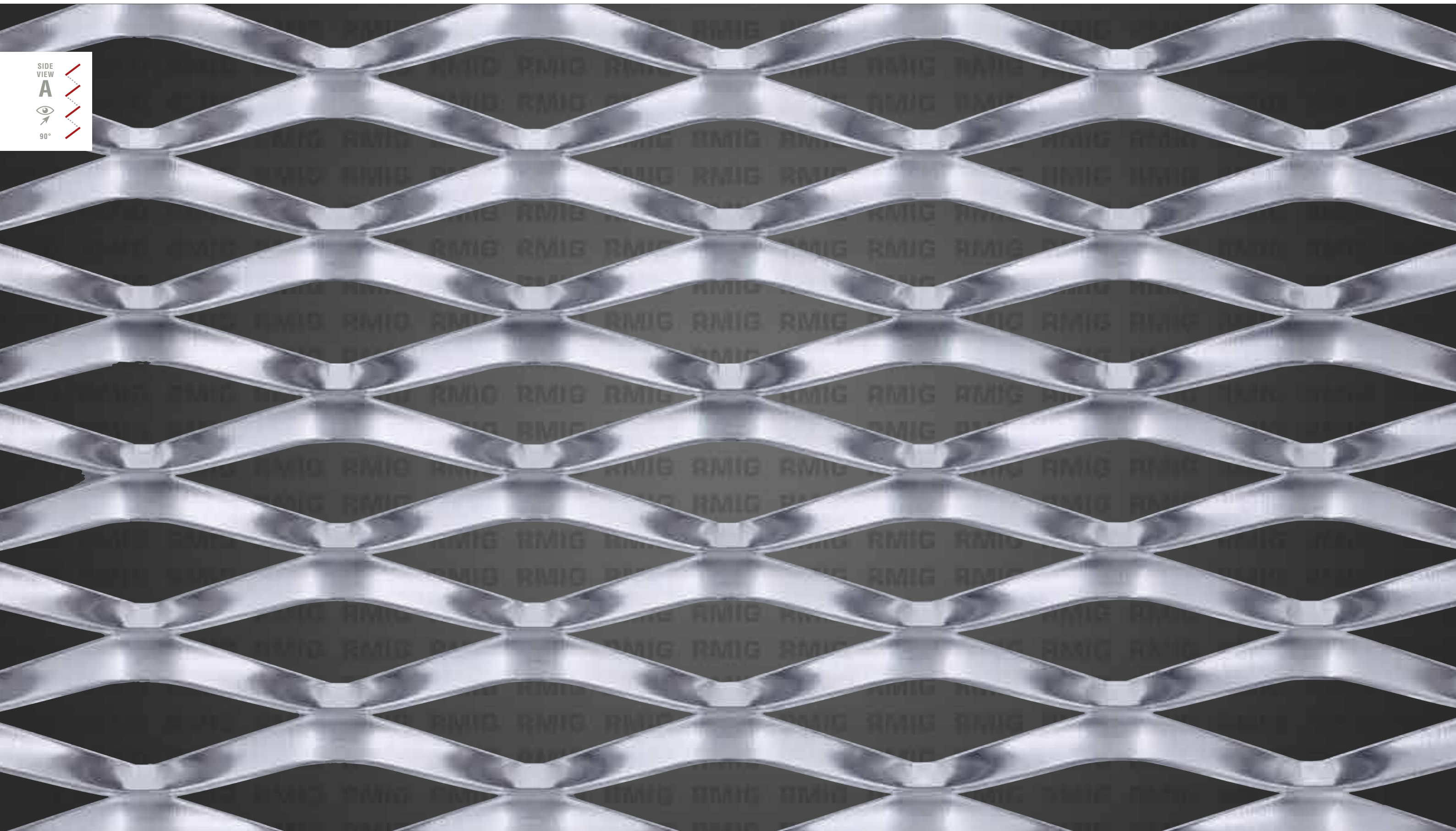
SIDE
VIEW
A
90°

NAME	TYPE	LWD	SWD	W	T	%	PROFILE THICKNESS (MM)
RMIG Privacy	LT	115	40	20.0	2.0	7.0	14

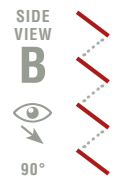


SIDE VIEW
B
 90°

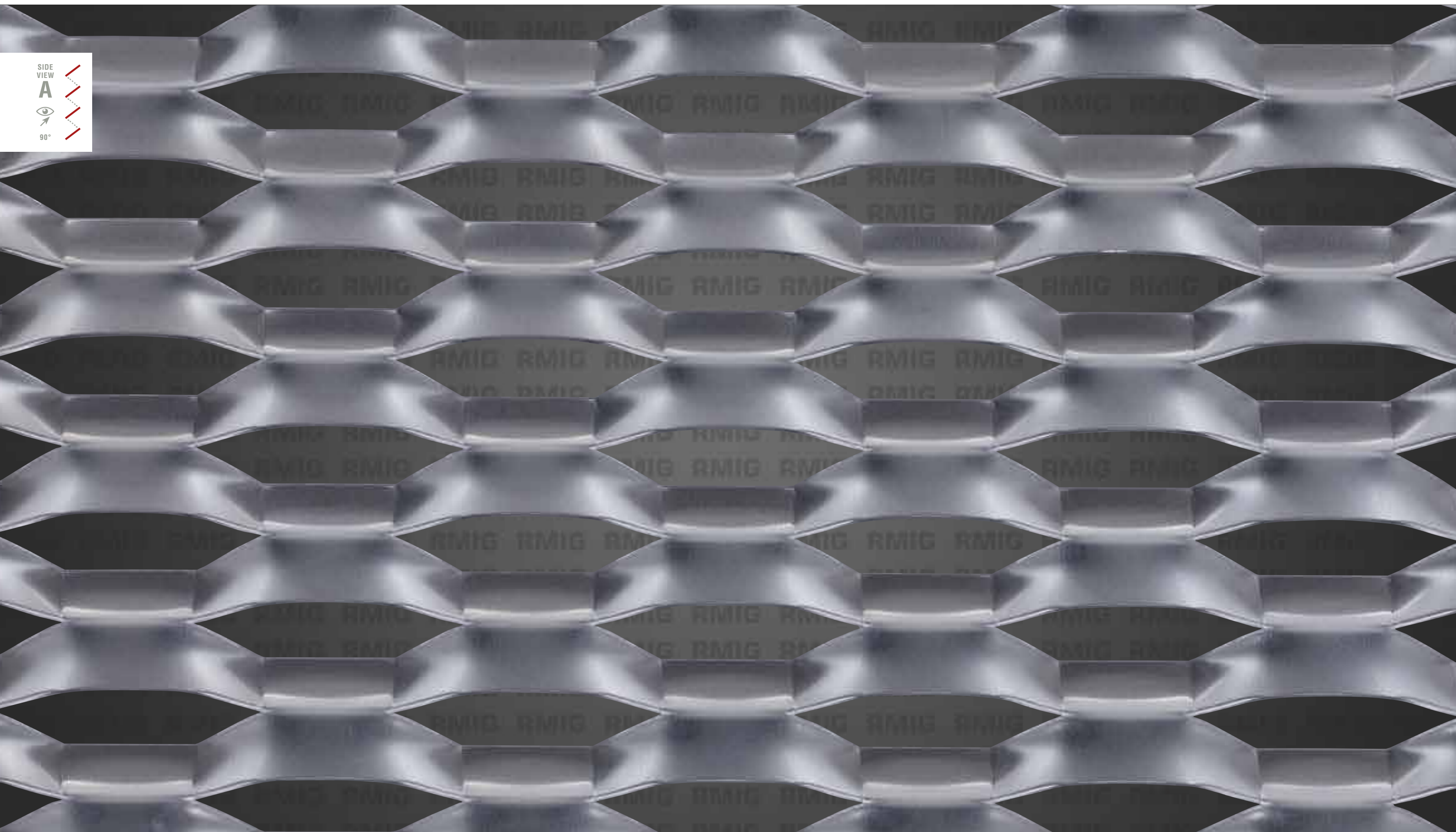
NAME	TYPE	LWD	SWD	W	T	%	PROFILE THICKNESS (MM)
RMIG Privacy	LT	115	40	20.0	2.0	7.0	14



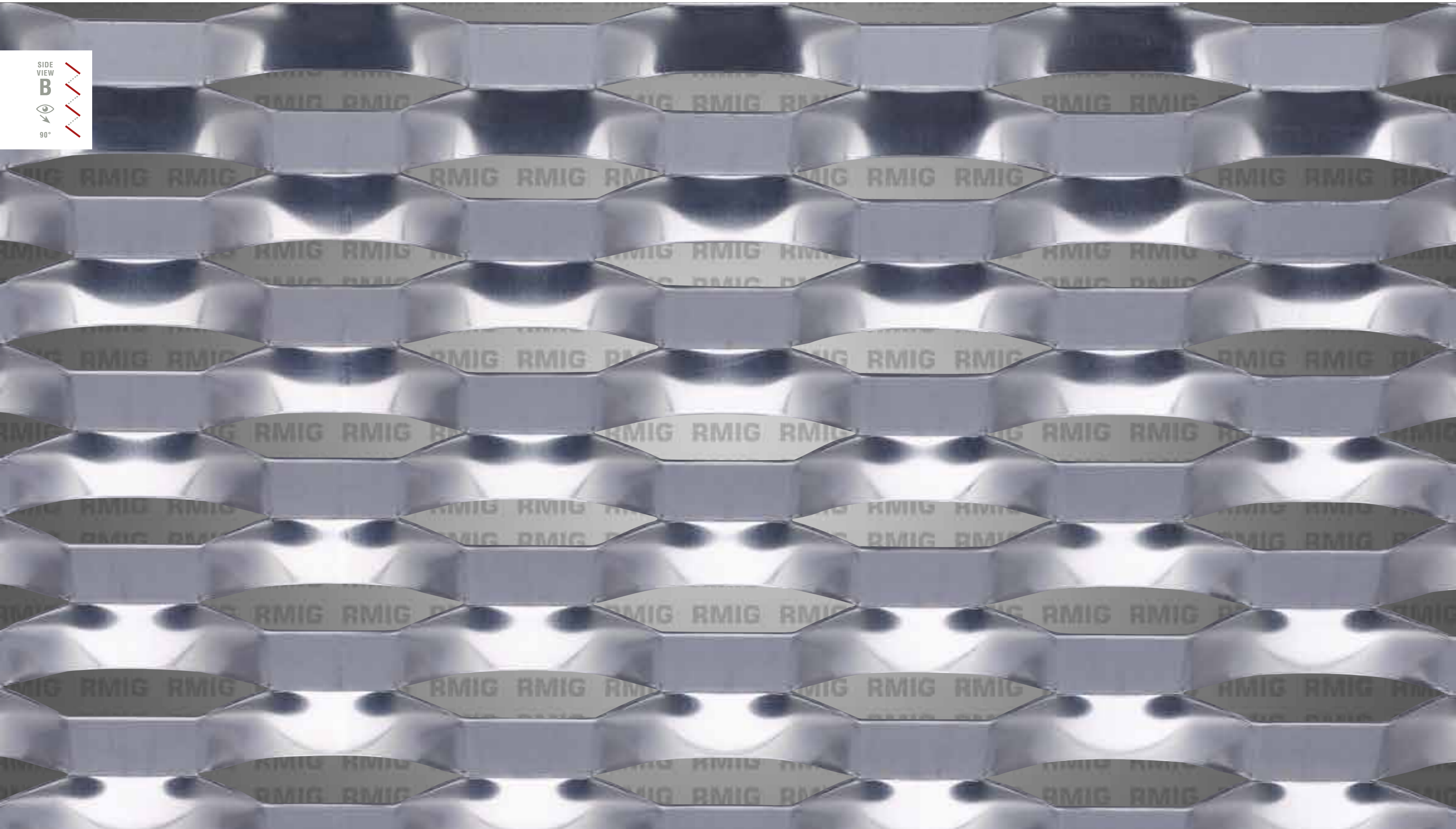
NAME	TYPE	LWD	SWD	W	T	%	PROFILE THICKNESS (MM)
RMIG Salvador	LT	115	46	15.0	2.0	46.2	21



NAME	TYPE	LWD	SWD	W	T	%	PROFILE THICKNESS (MM)
RMIG Salvador	LT	115	46	15.0	2.0	46.2	21

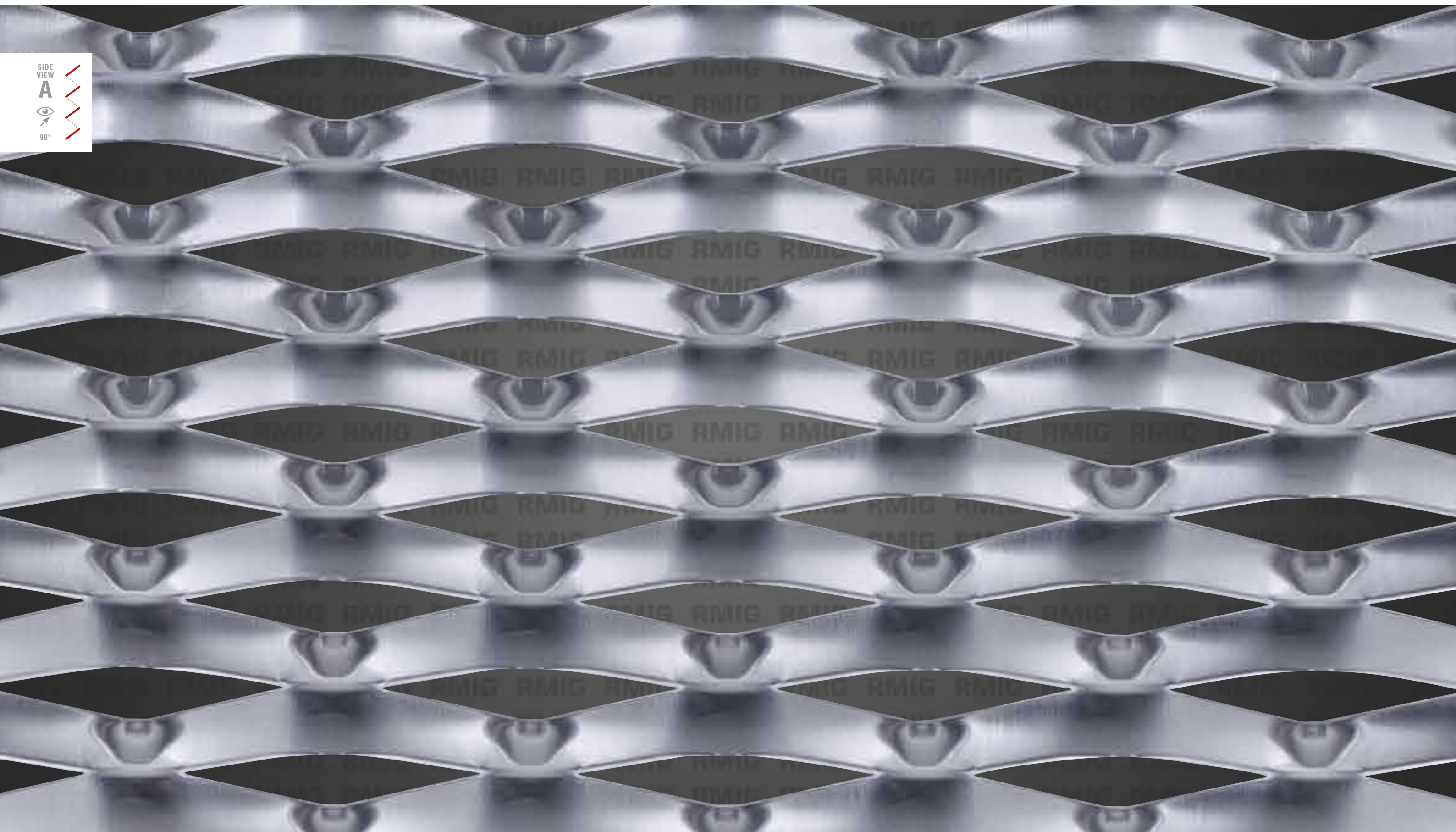


NAME	TYPE	LWD	SWD	W	T	%	PROFILE THICKNESS (MM)
RMIG Lugano	LTH	115	48	20.0	2.0	46.2	21



SIDE VIEW
B
 90°

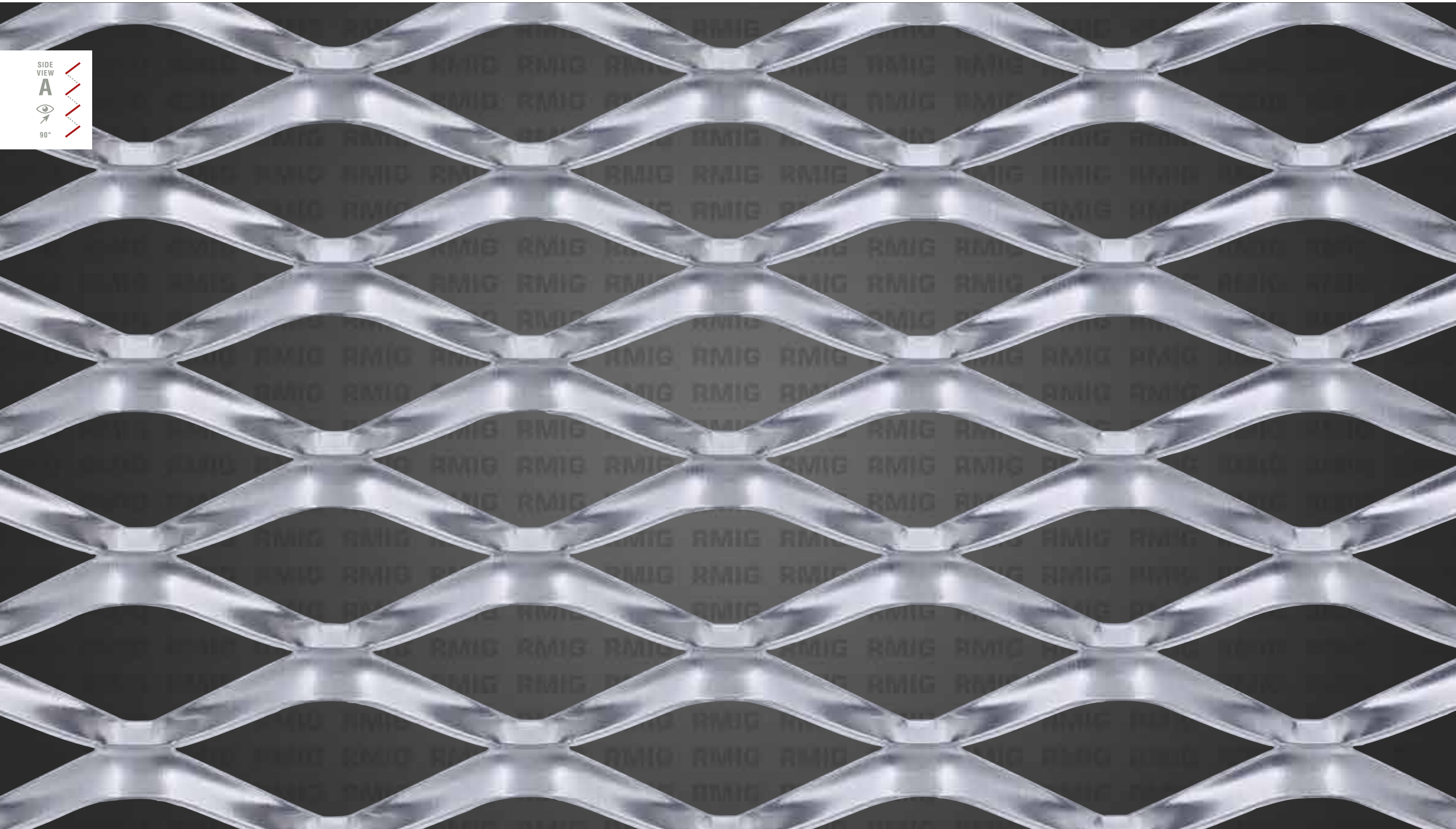
NAME	TYPE	LWD	SWD	W	T	%	PROFILE THICKNESS (MM)
RMIG Lugano	LTH	115	48	20.0	2.0	46.2	21



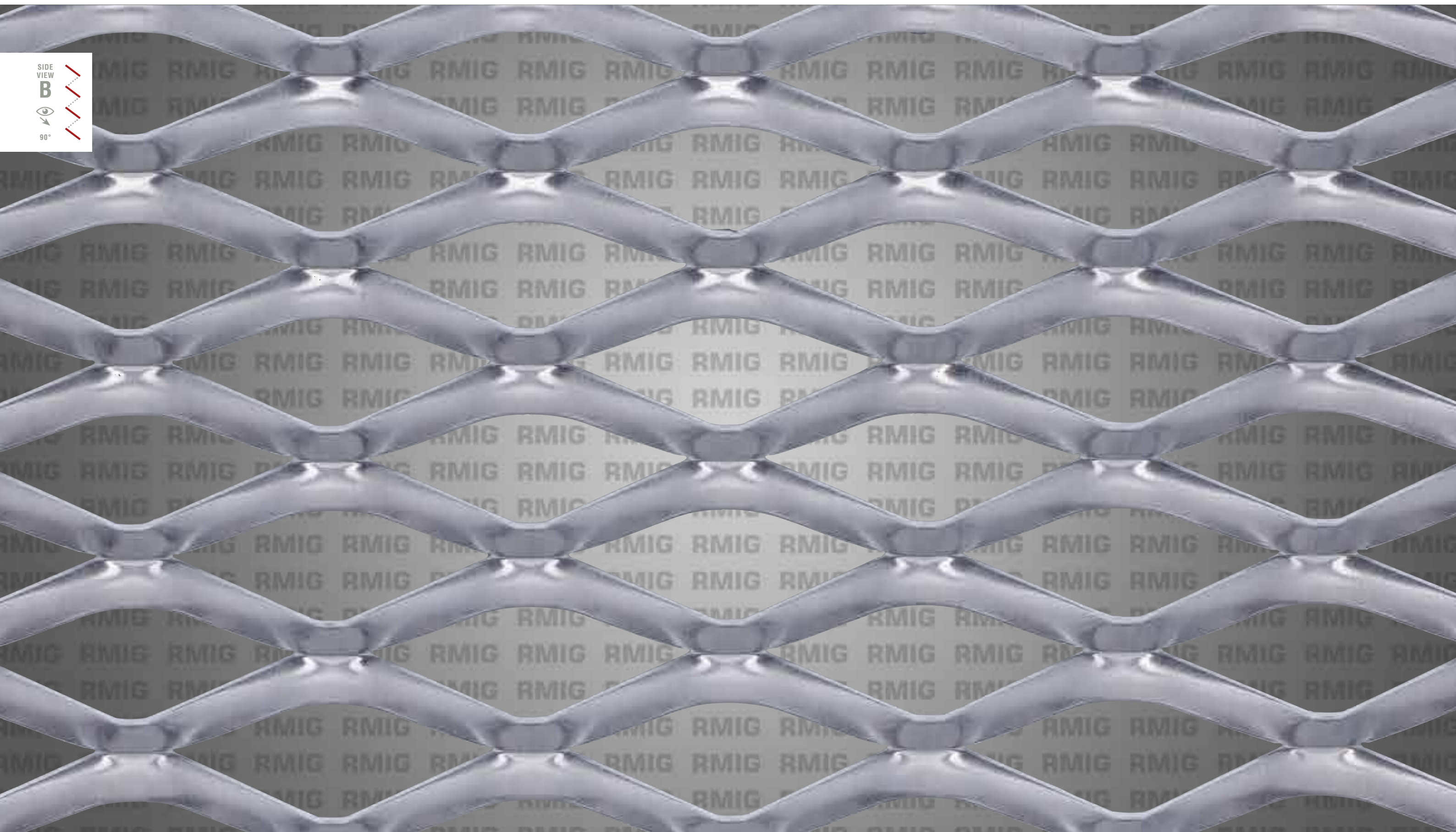
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RMIG Barcelona	LT	115	50	20.0	2.0	26.4	20



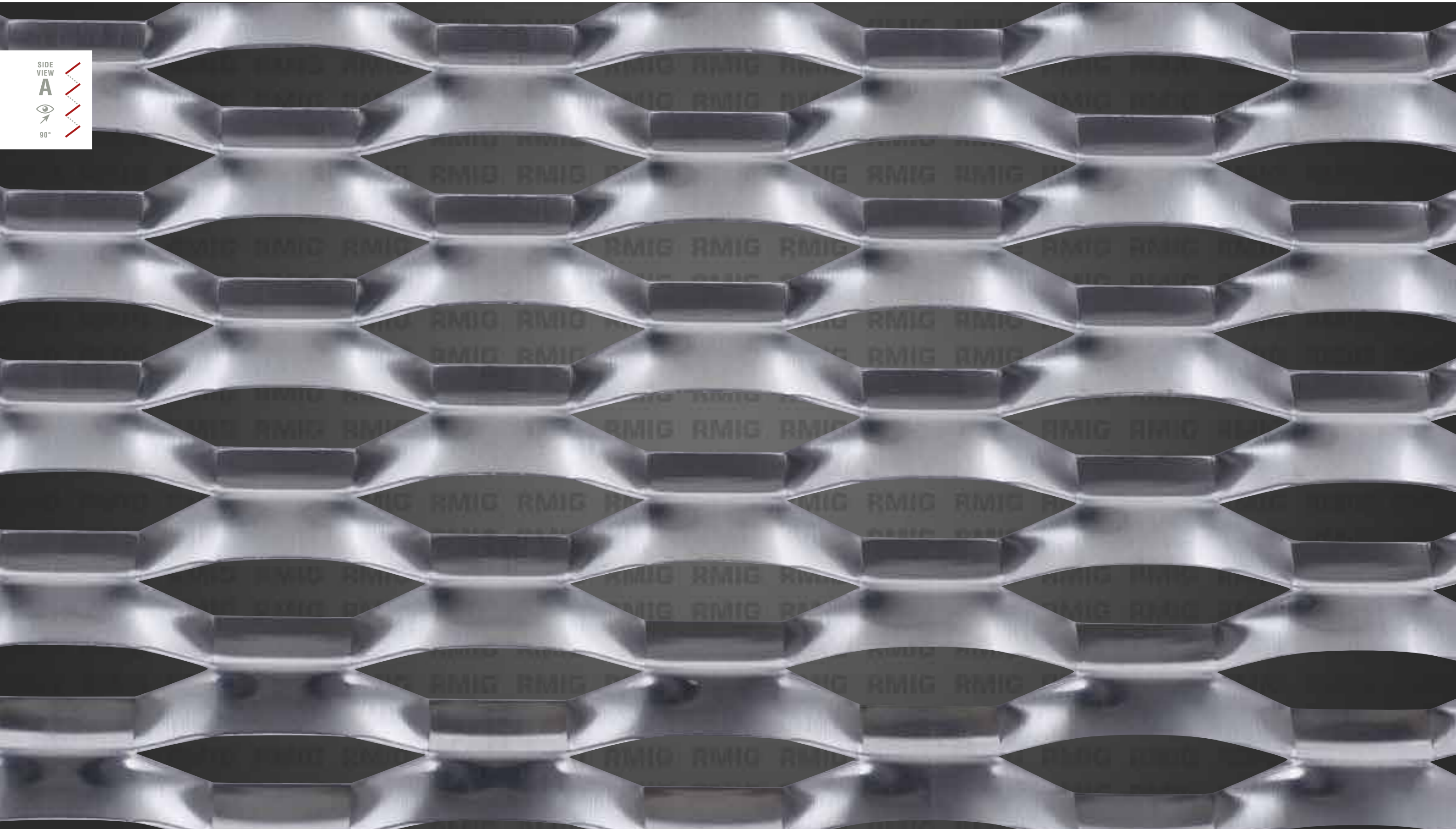
NAME	TYPE	LWD	SWD	W	T	%	PROFILE THICKNESS (MM)
RMIG Barcelona	LT	115	50	20.0	2.0	26.4	20



NAME	TYPE	LWD	SWD	W	T	%	PROFILE THICKNESS (MM)
RMIG Colmar	LT	115	57	15.0	2.0	62.7	25



NAME	TYPE	LWD	SWD	W	T	%	PROFILE THICKNESS (MM)
RMIG Colmar	LT	115	57	15.0	2.0	62.7	25

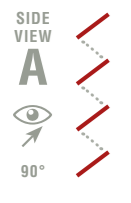
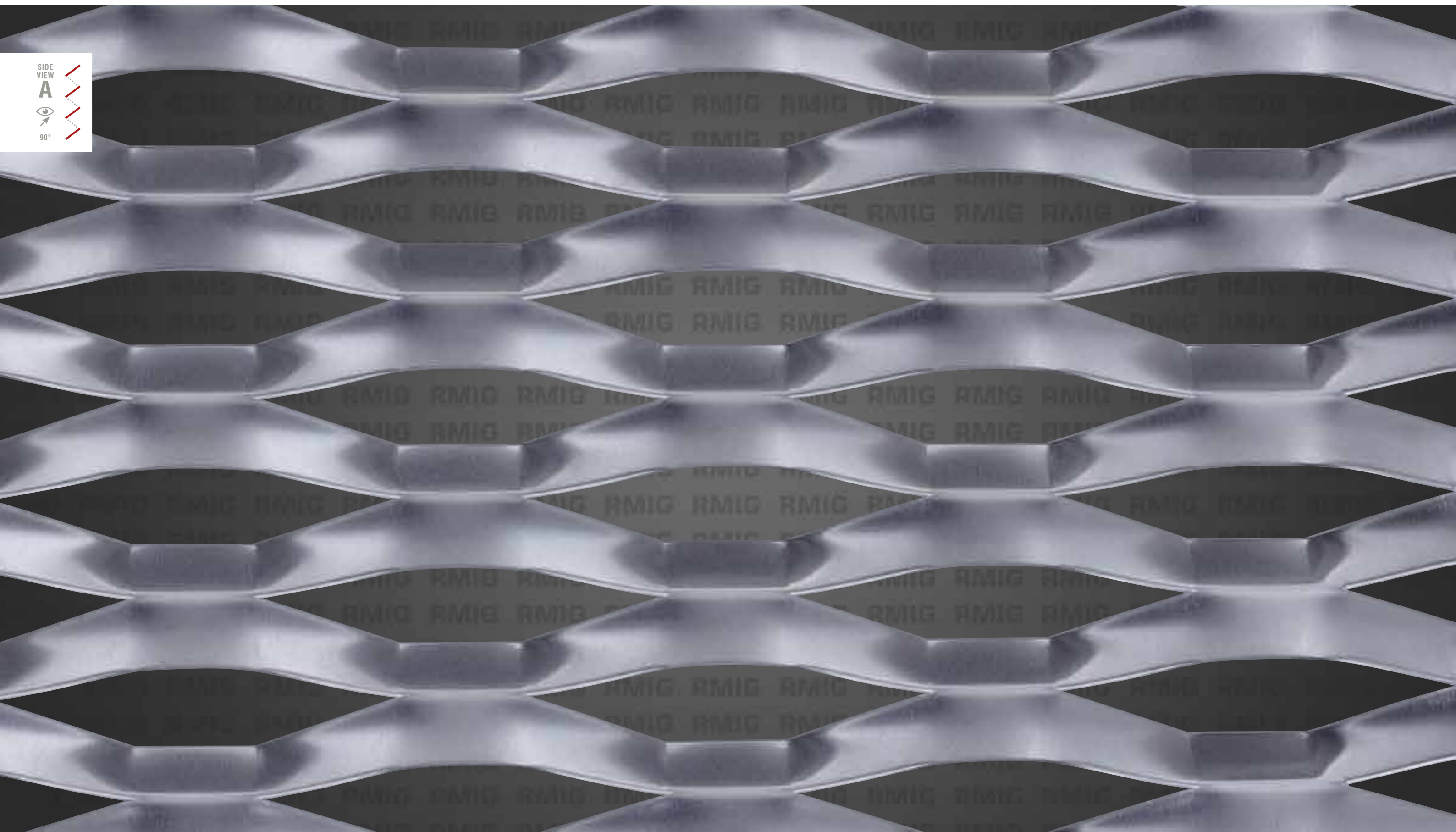


NAME	TYPE	LWD	SWD	W	T	%	PROFILE THICKNESS (MM)
RMIG Lisbon	LTH	125	49	20.0	2.0	24.0	19

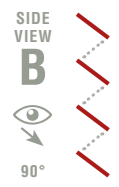


SIDE VIEW
B
 90°

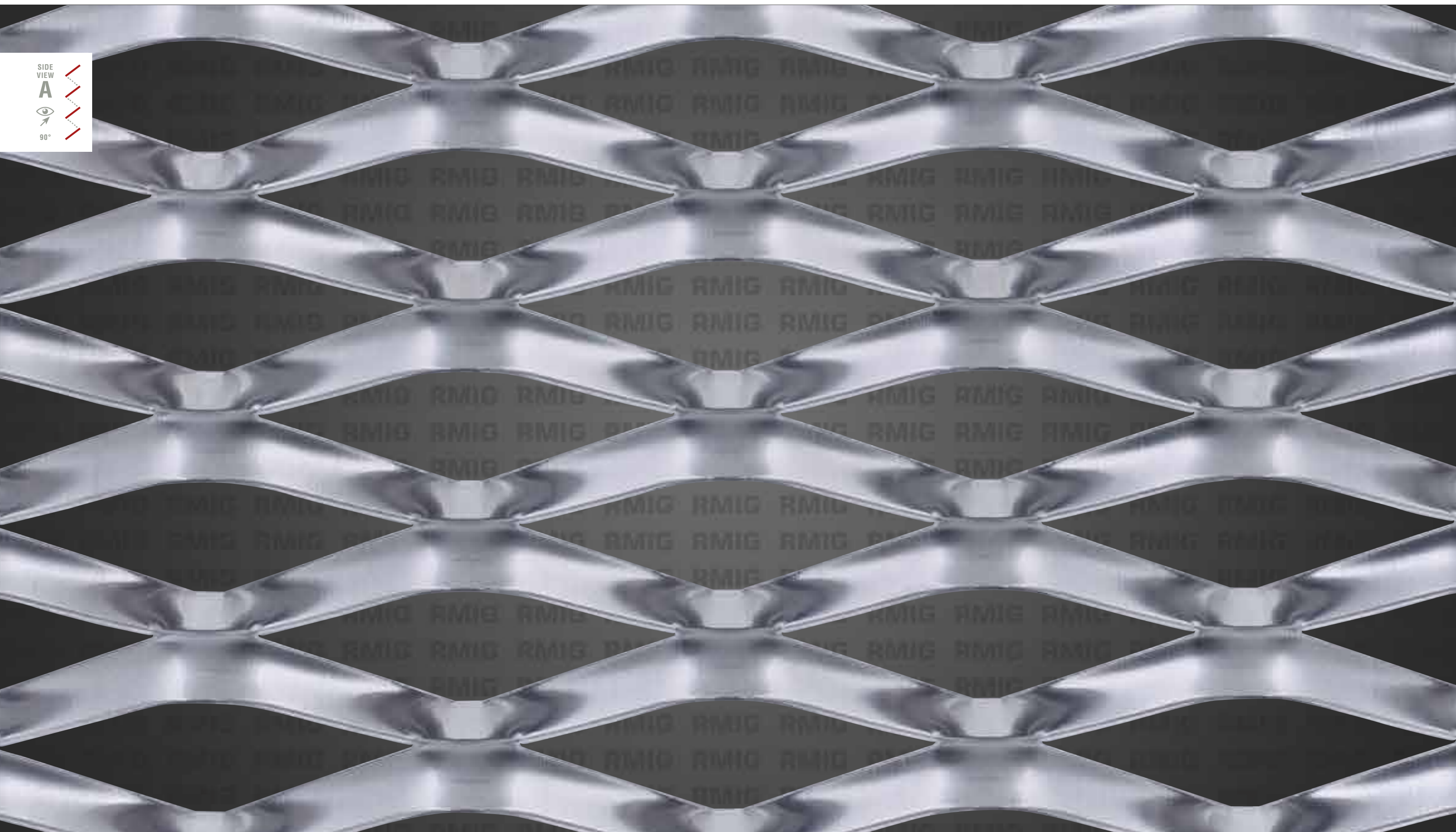
NAME	TYPE	LWD	SWD	W	T	%	PROFILE THICKNESS (MM)
RMIG Lisbon	LTH	125	49	20.0	2.0	24.0	19



NAME	TYPE	LWD	SWD	W	T	%	PROFILE THICKNESS (MM)
RMIG Toronto	LTH	150	56	20.0	2.0	51.4	29



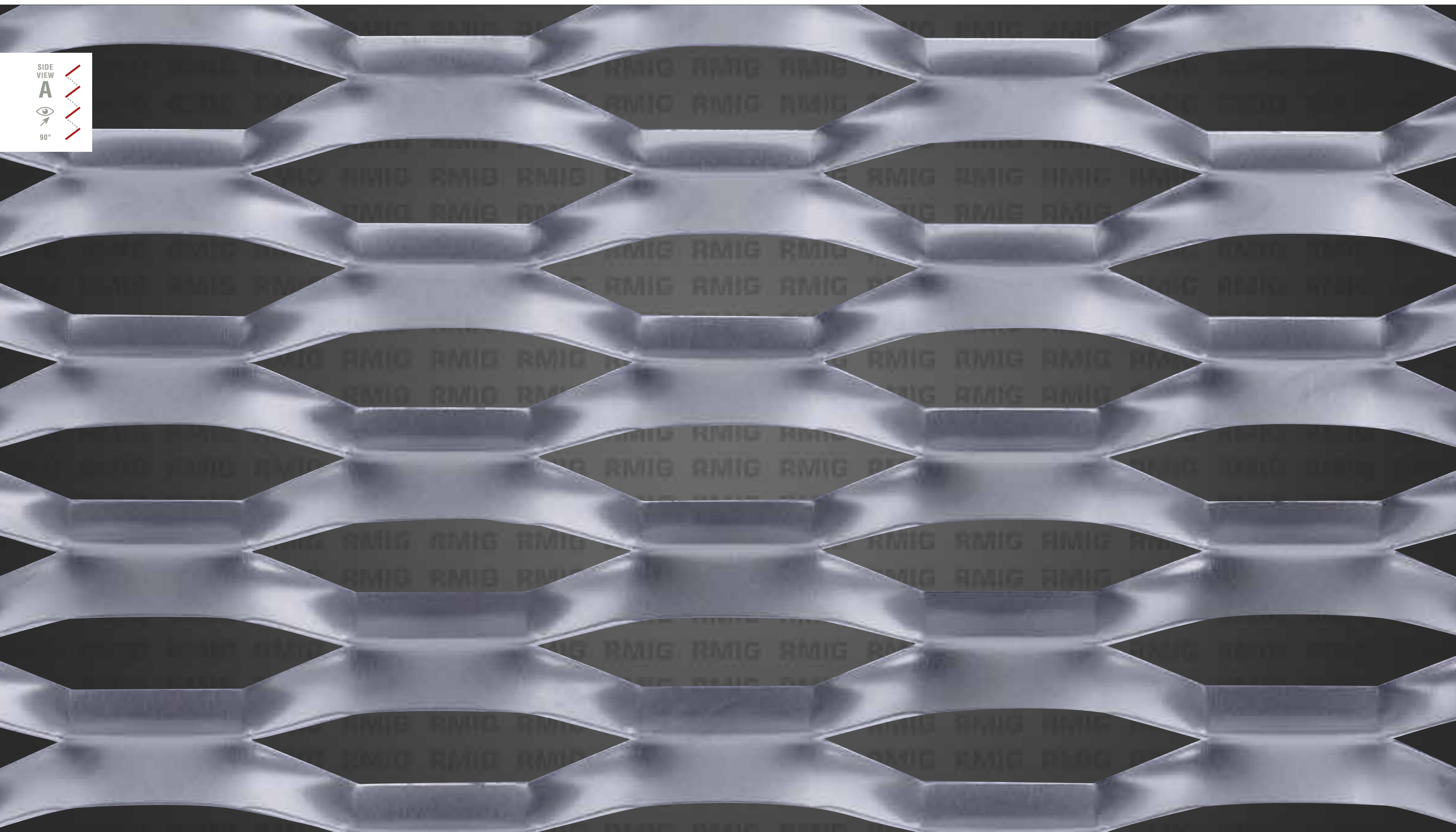
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RMIG Toronto	LTH	150	56	20.0	2.0	51.4	29



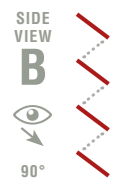
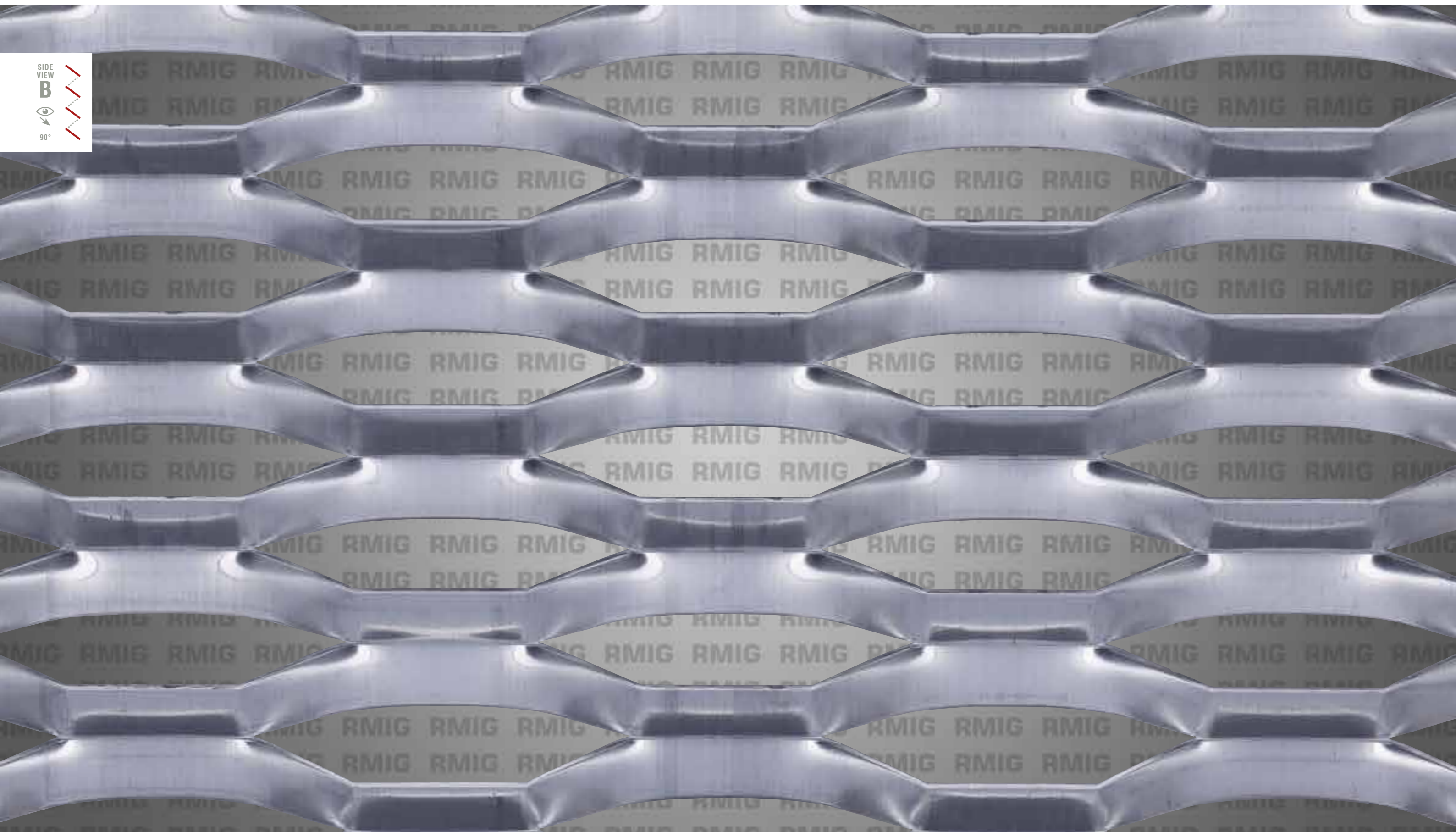
NAME	TYPE	LWD	SWD	W	T	%	PROFILE THICKNESS (MM)
RMIG Havana	LT	150	64	20.0	2.0	51.4	29



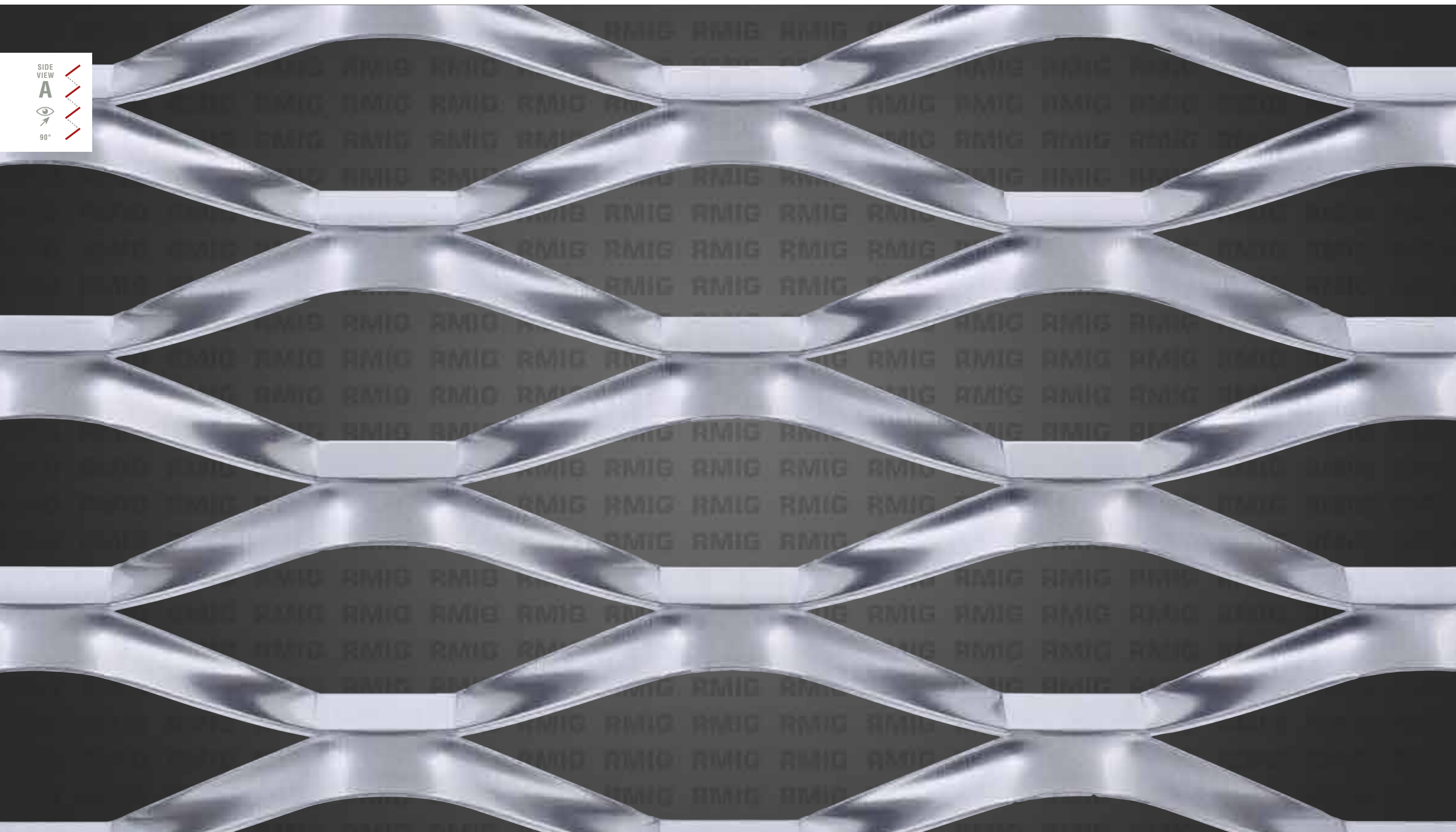
NAME	TYPE	LWD	SWD	W	T	%	PROFILE THICKNESS (MM)
RMIG Havana	LT	150	64	20.0	2.0	51.4	29



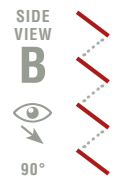
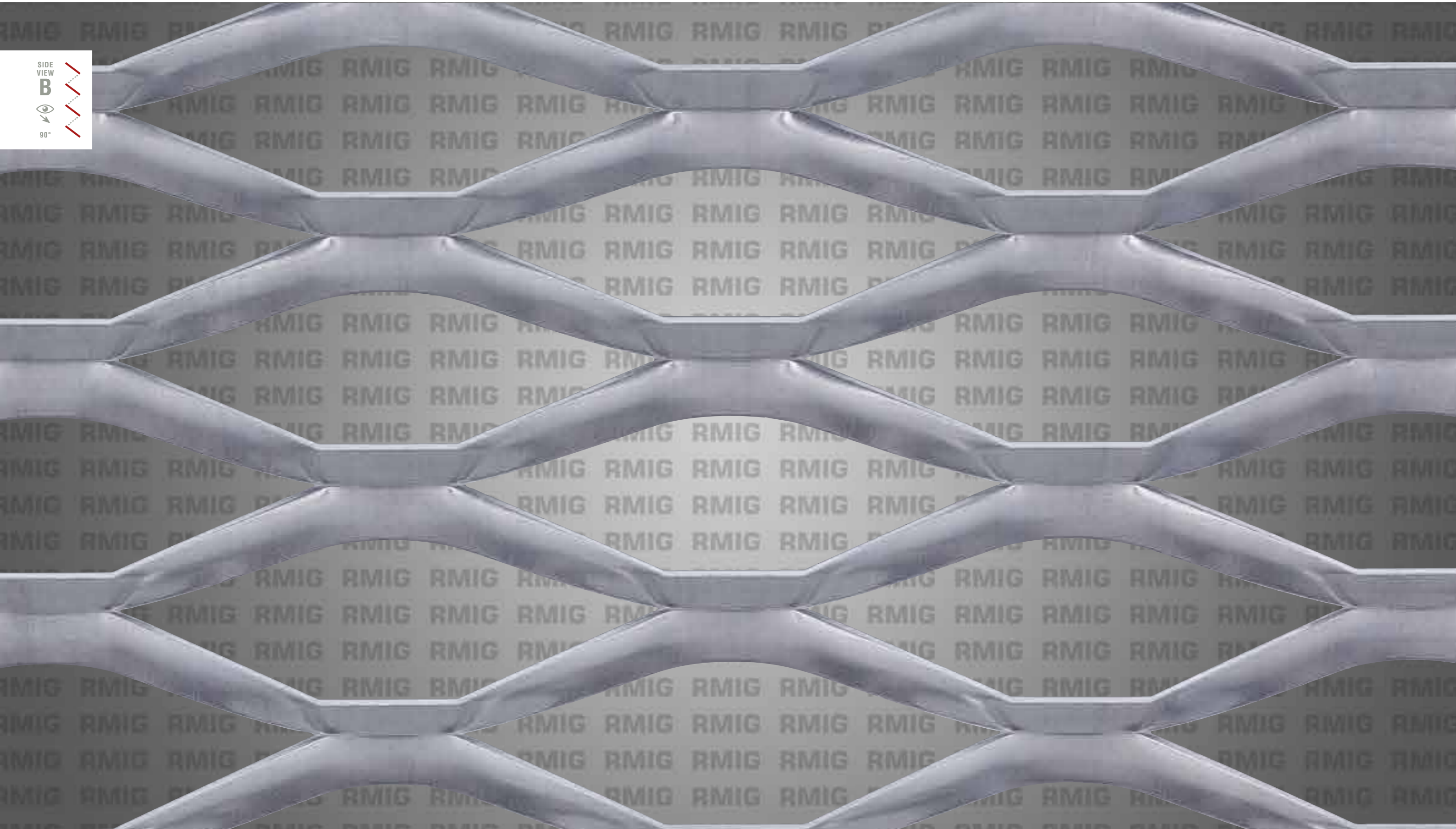
NAME	TYPE	LWD	SWD	W	T	%	PROFILE THICKNESS (MM)
RMIG Palermo	LTH	165	55	20.0	2.0	37.0	24



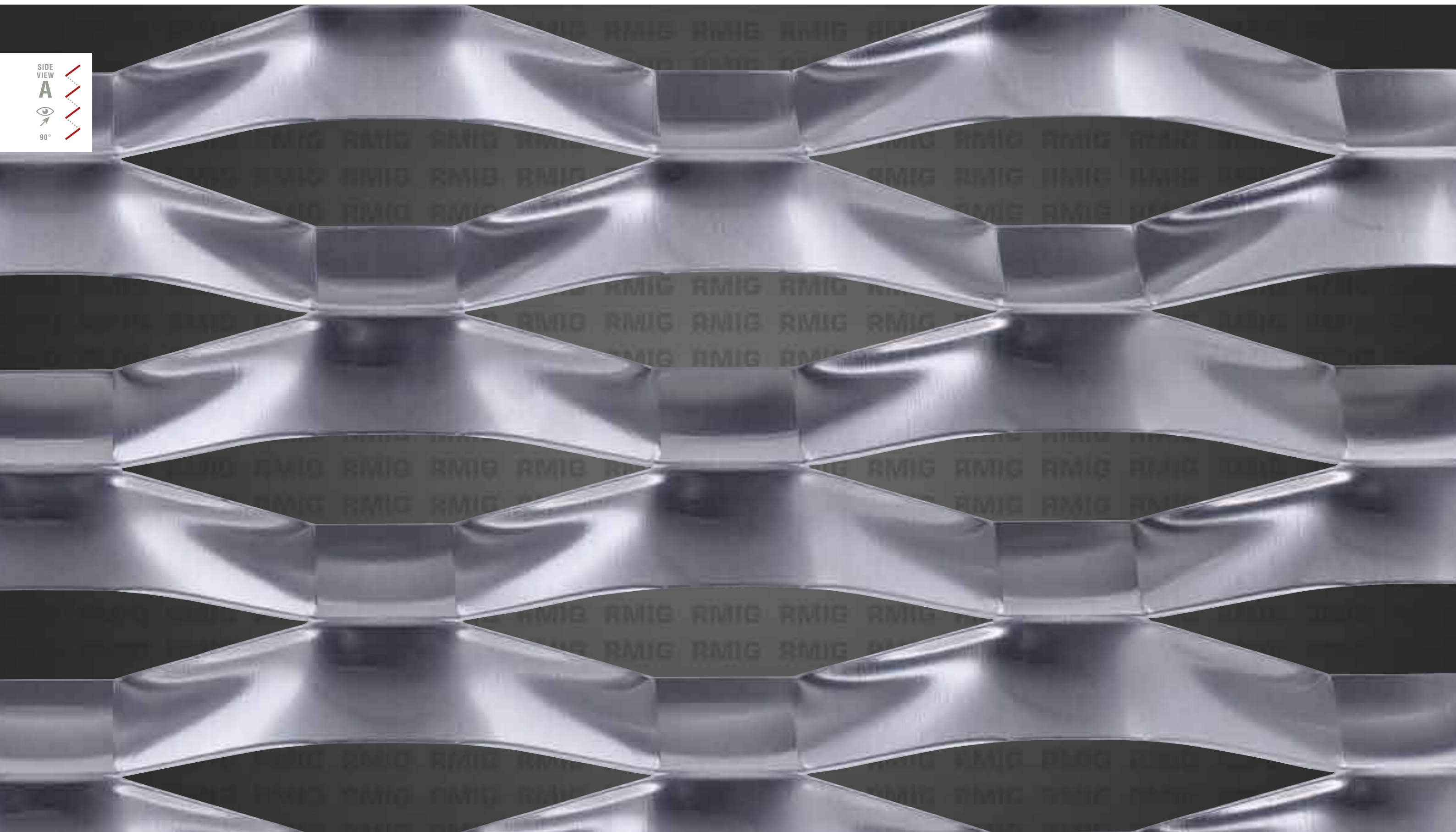
NAME	TYPE	LWD	SWD	W	T	%	PROFILE THICKNESS (MM)
RMIG Palermo	LTH	165	55	20.0	2.0	37.0	24



NAME	TYPE	LWD	SWD	W	T	%	PROFILE THICKNESS (MM)
RMIG Cambridge	LTH	200	72	20.0	2.0	60.5	32



NAME	TYPE	LWD	SWD	W	T	%	PROFILE THICKNESS (MM)
RMIG Cambridge	LTH	200	72	20.0	2.0	60.5	32

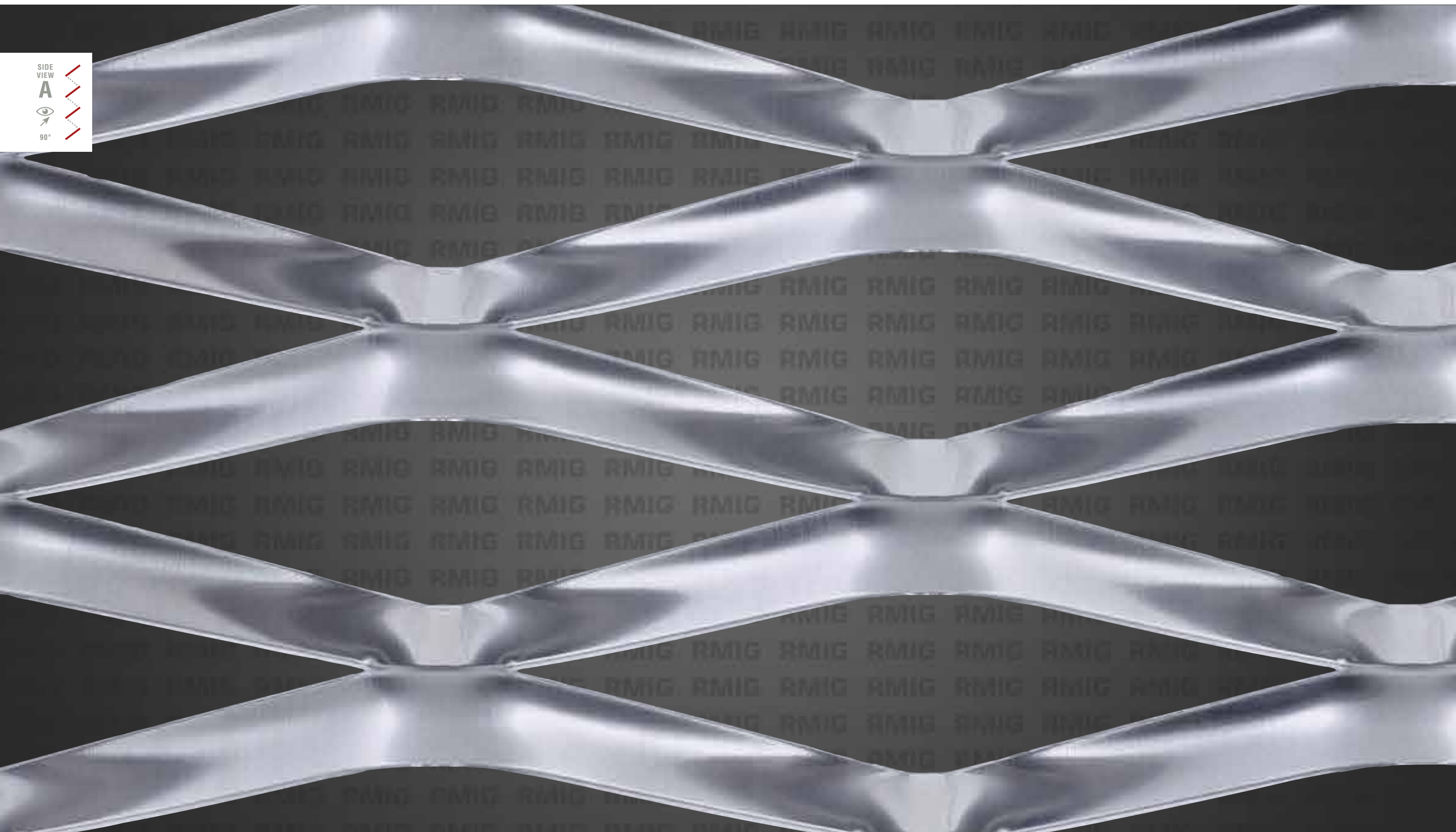


NAME	TYPE	LWD	SWD	W	T	%	PROFILE THICKNESS (MM)
RMIG Oxford	LTH	200	88	35.0	2.0	28.6	34

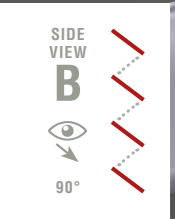
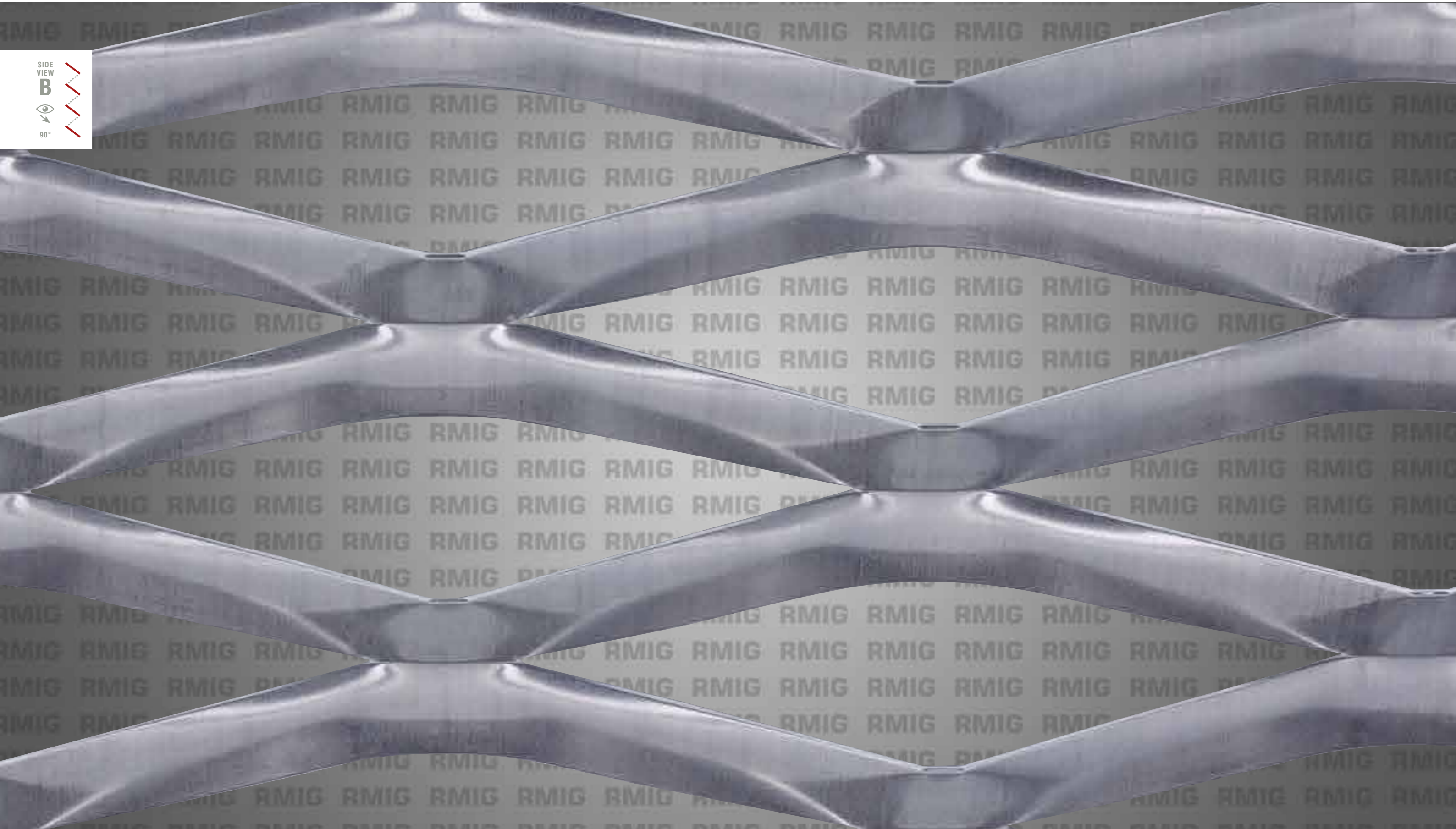


SIDE VIEW
B
 90°

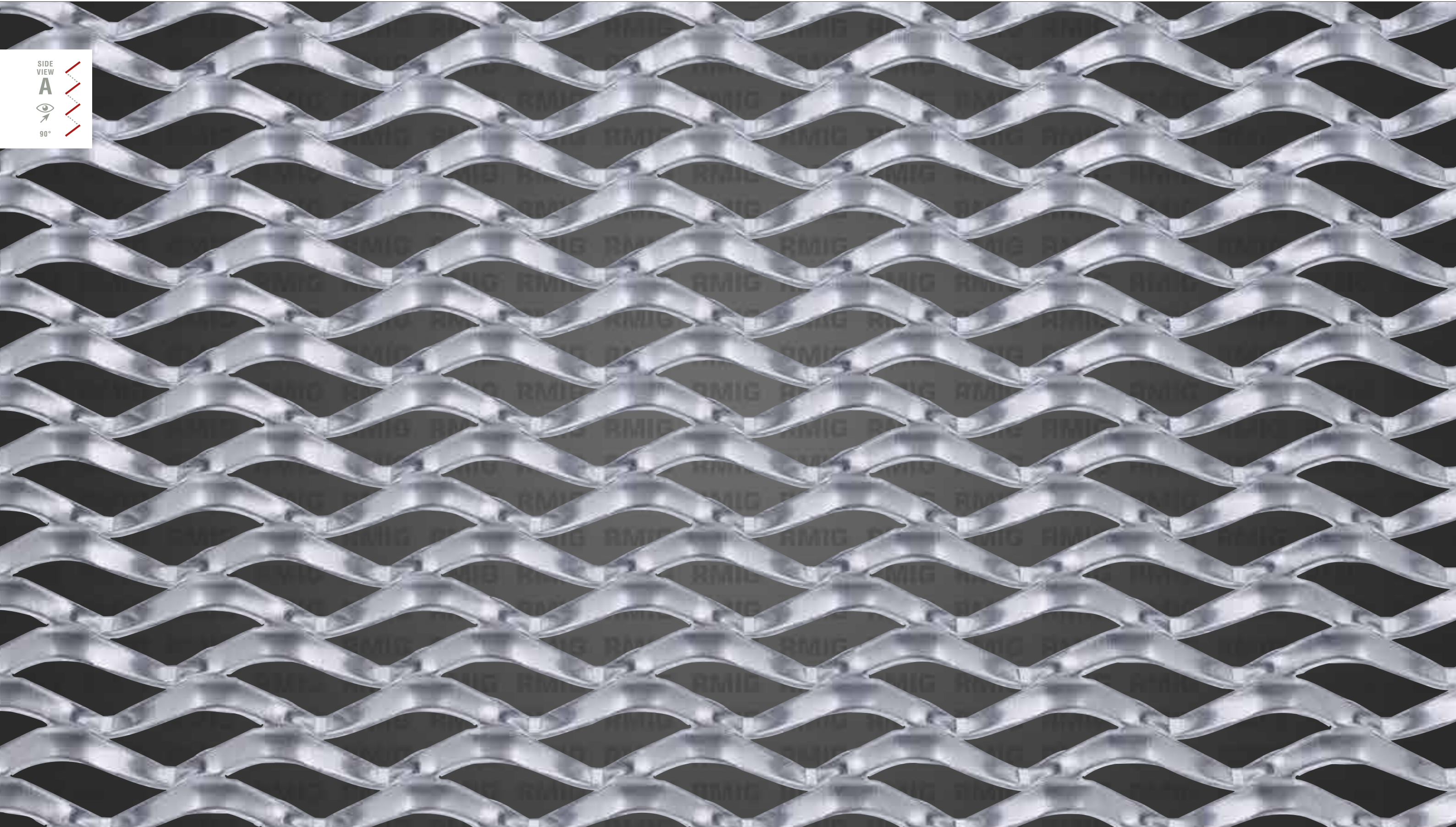
NAME	TYPE	LWD	SWD	W	T	%	PROFILE THICKNESS (MM)
RMIG Oxford	LTH	200	88	35.0	2.0	28.6	34



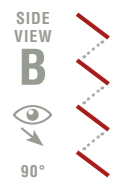
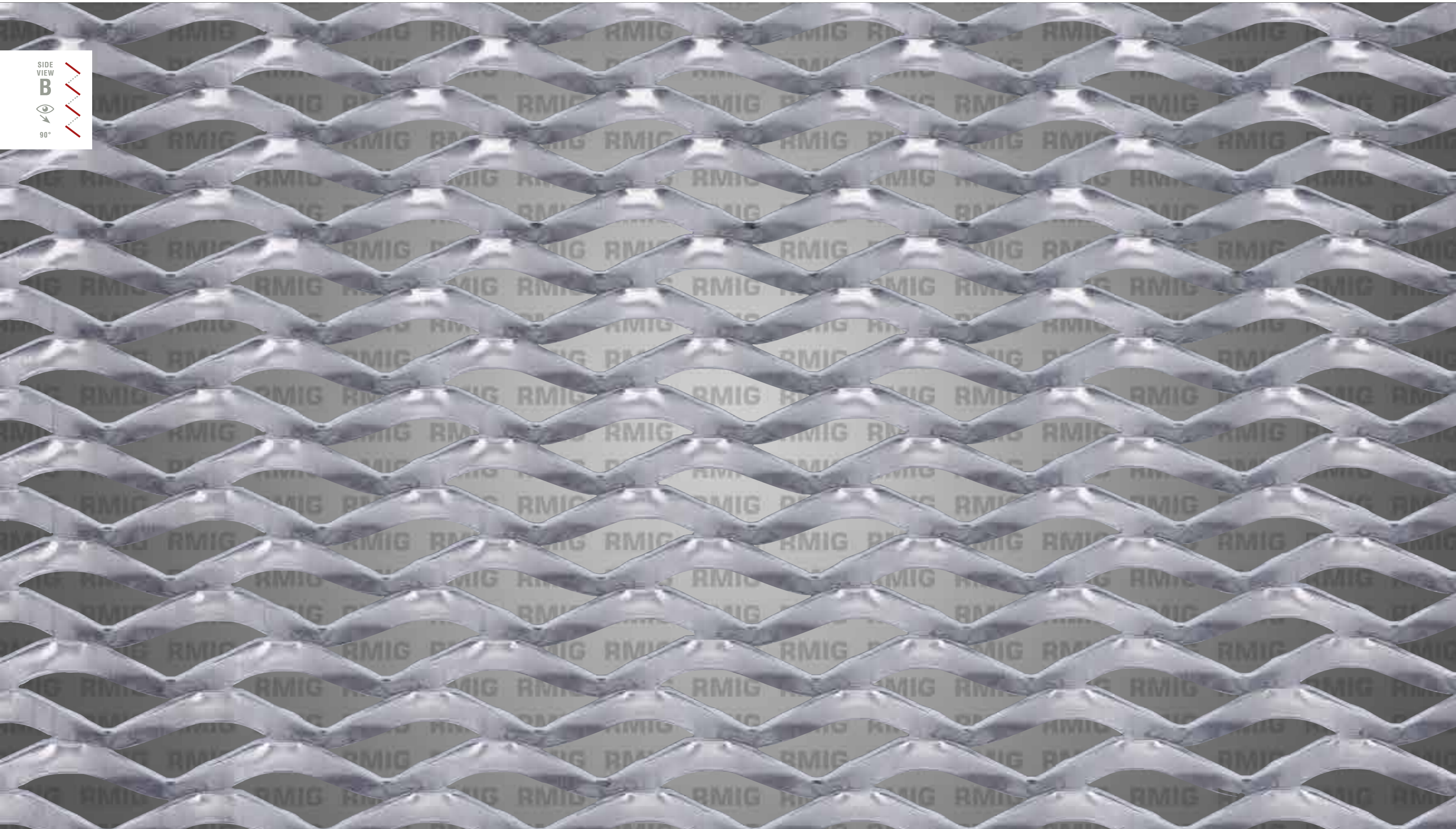
NAME	TYPE	LWD	SWD	W	T	%	PROFILE THICKNESS (MM)
RMIG Tokyo	LT	280	98	30.0	2.0	54.6	44



NAME	TYPE	LWD	SWD	W	T	%	PROFILE THICKNESS (MM)
RMIG Tokyo	LT	280	98	30.0	2.0	54.6	44



NAME	TYPE	LWD	SWD	W	T	%	PROFILE THICKNESS (MM)
RMIG Wave62	LT	62	29	9.5	2.0	42.5	14



NAME	TYPE	LWD	SWD	W	T	%	PROFILE THICKNESS (MM)
RMIG Wave62	LT	62	29	9.5	2.0	42.5	14

TECHNICAL INFORMATION

Terms and symbols

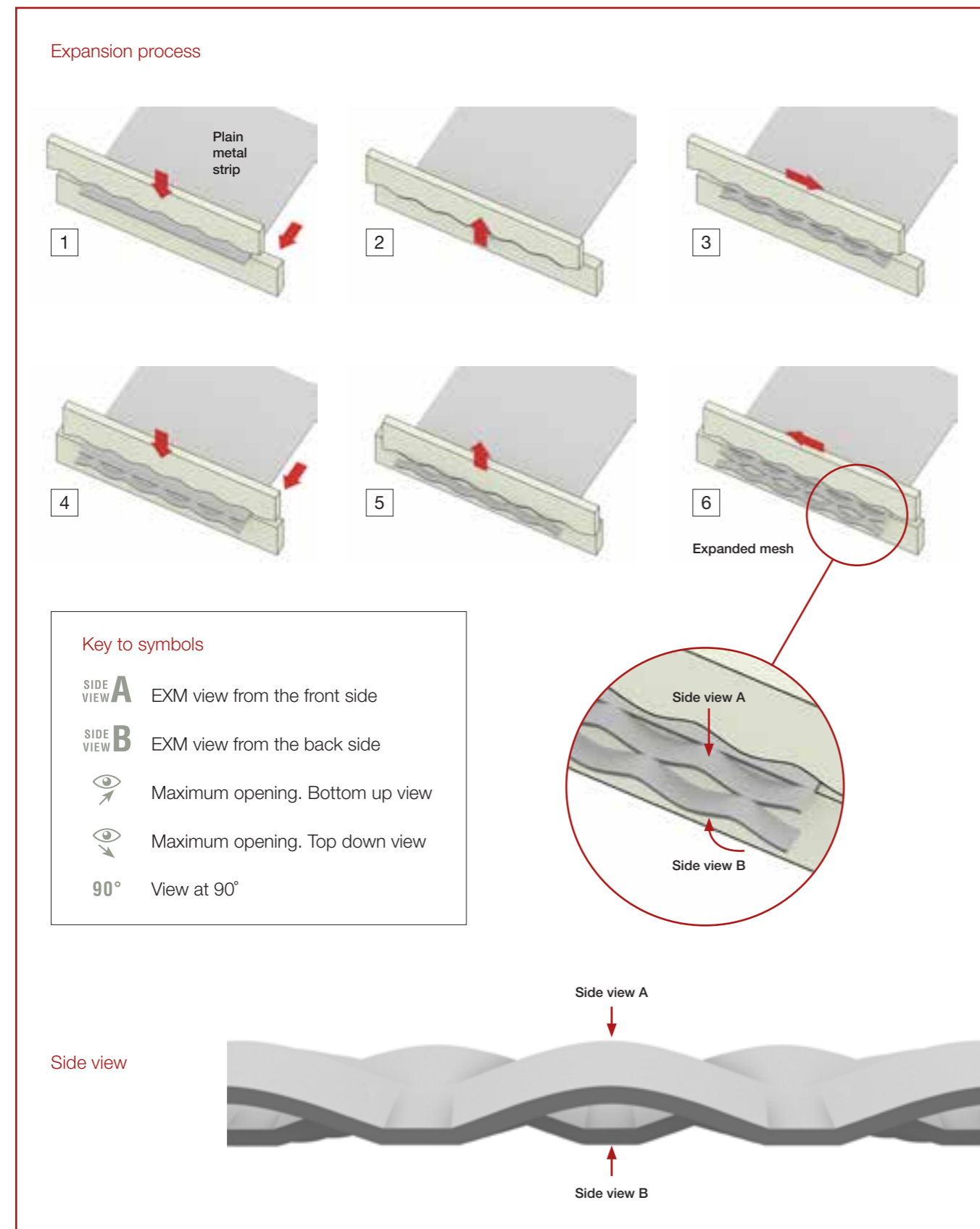
On the following pages, you will find information on the terms and symbols used in this catalogue. There are also illustrations and further details of the various processes and specifications used when manufacturing expanded metal.

The expansion process

As shown in the illustration below, the expansion of the metal takes place in one, efficient production process. Expanded metal is not assembled or welded, and no metal is lost in the process.

Specifications/tolerance

The tolerance of expanded metal sheets can be influenced by several parameters, such as the mesh, size and format of the sheets. Please do not hesitate to contact our experienced Sales Team regarding your individual tolerance requirements.



Glossary of Expanded Metal Terms

Mesh specifications

LT10x4x1x0.5

Type | LWD | SWD | W | T

Type: LT, LTH or LTQ

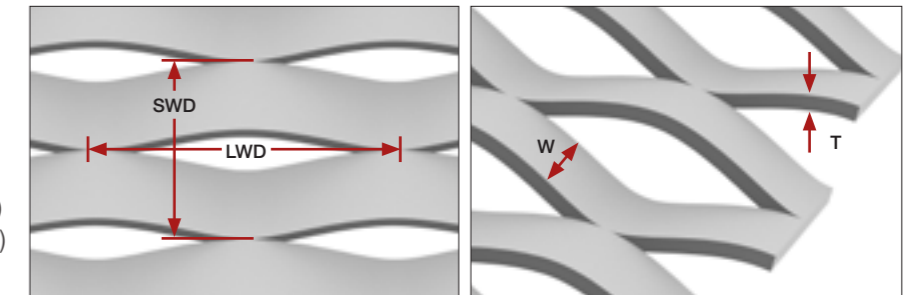
LWD: Long way of design (mm)

SWD: Short way of design (mm)

W: Rib width (mm)

T: Thickness (mm)

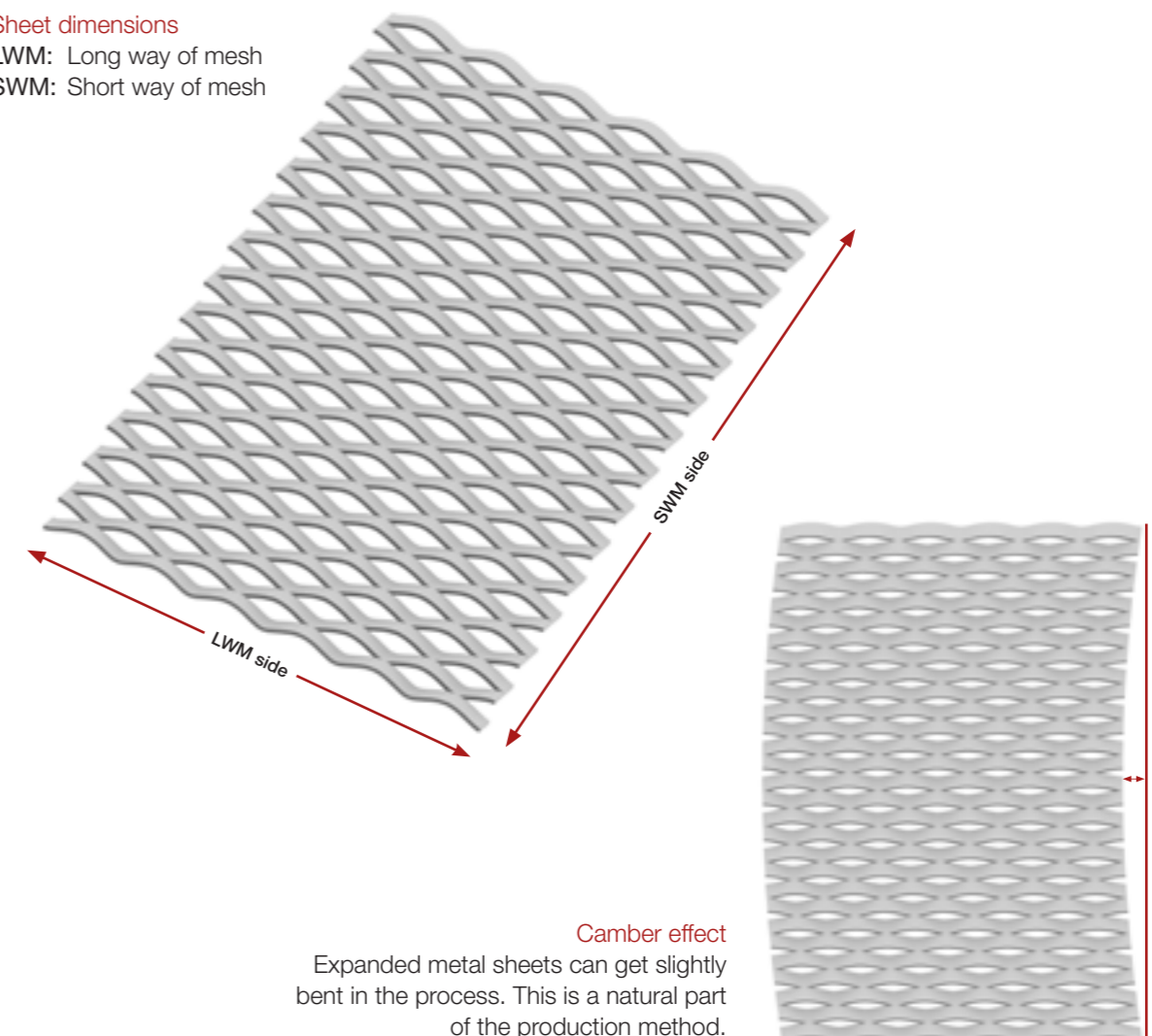
%: Open area



Sheet dimensions

LWM: Long way of mesh

SWM: Short way of mesh



TECHNICAL INFORMATION

Modular usage and combinations

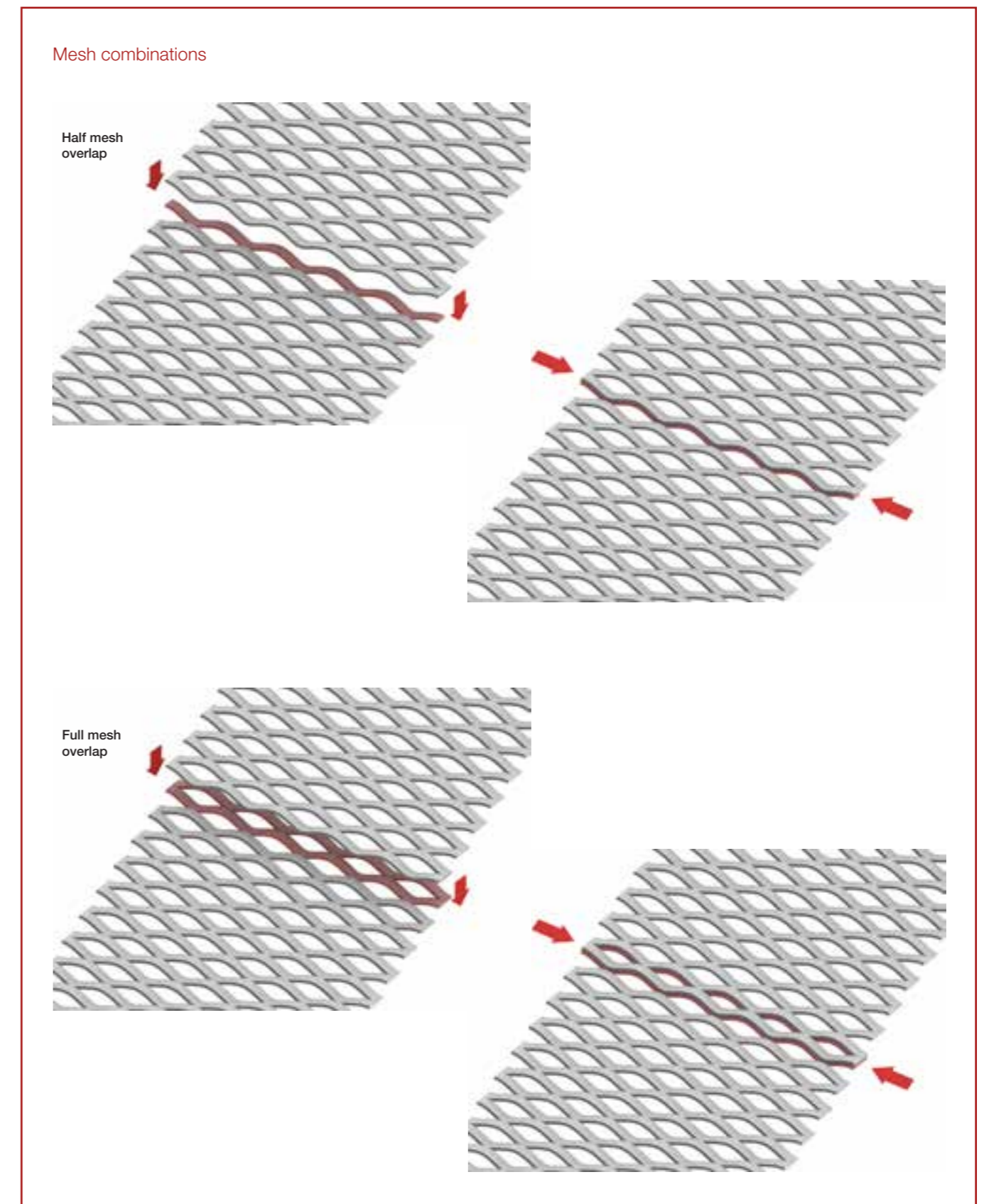
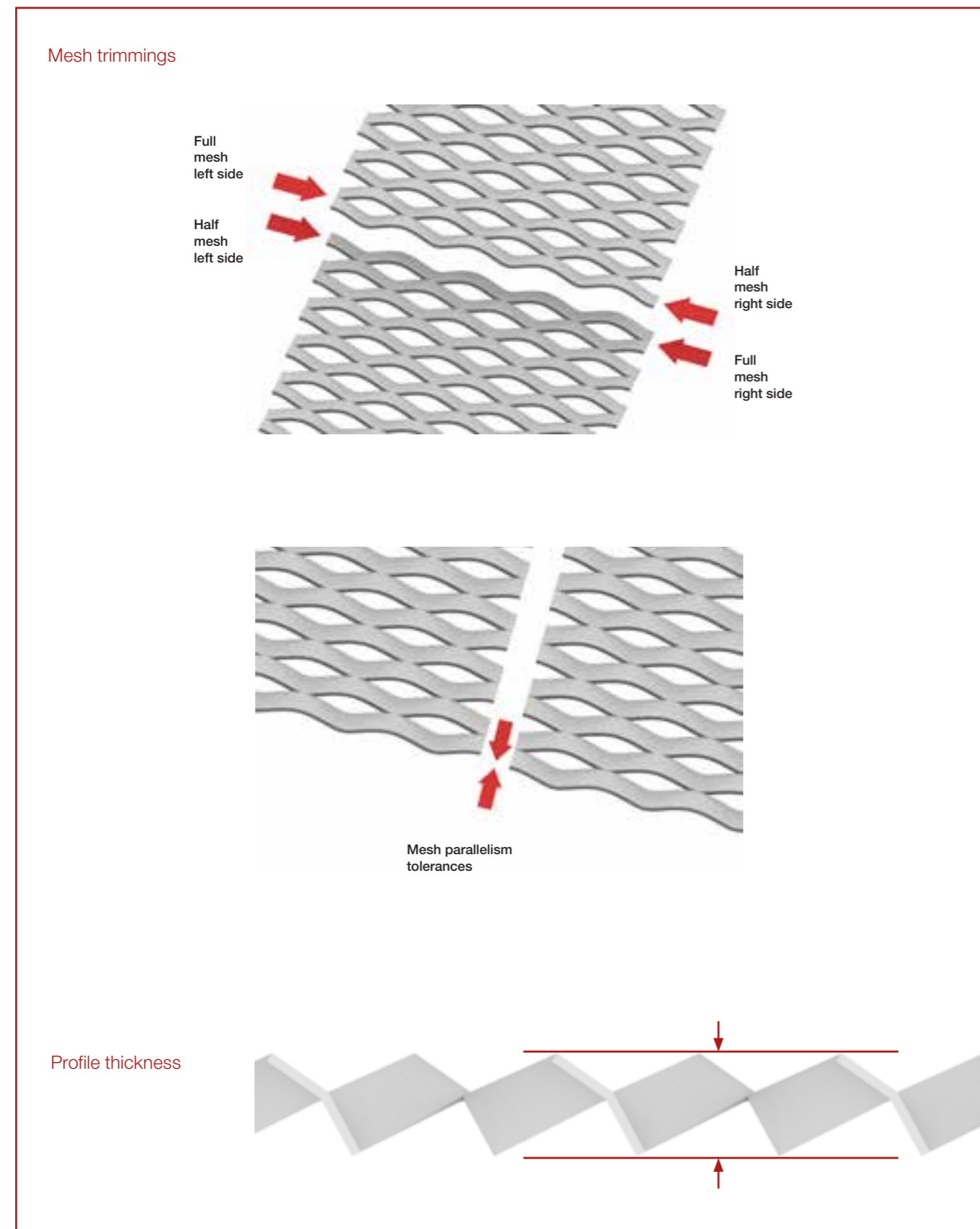
Due to the production process, expanded metal sheets have varying mesh trimmings along the edges. This is important to take into consideration when, for instance, sheets are used in modules and are combined to create a larger surface than the single sheet can provide. It is necessary to allow for a

degree of variation and tolerance in order to make sheets meet and fit. Notice, too, the different strand widths that can occur on trimmed and untrimmed sides of the sheets. If in doubt, please contact our product specialists regarding your specific applications.

How to make ends meet perfectly

With RMIG Expanded Metal, it is easy to create perfect joints between the sheets. You can choose half mesh overlap or full mesh overlap according to your requirements and the sheets you have at your disposal. Do not hesitate to ask our sales personnel about the specifics.

RMIG can assist with a number of secondary operations and surface treatments that can help you save time and reduce costs. Contact us for additional information on bending, welding, hot dip galvanising, painting or anodising.

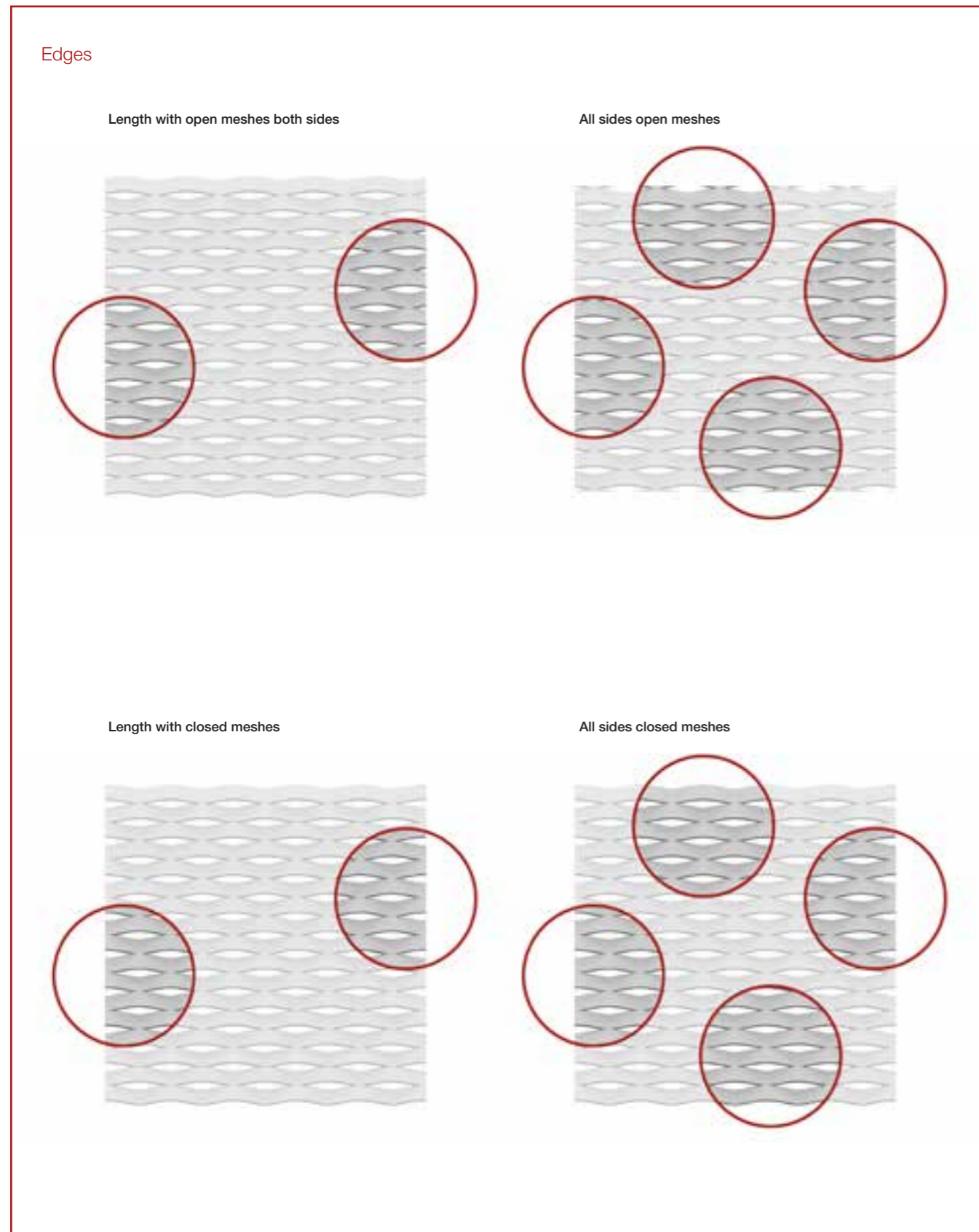


TECHNICAL INFORMATION

Closed or open edges

Depending on size and dimensions, the meshes along the edge can be closed or open. It is also possible to have a combination of open and closed edges. Please note though, that the sheet format and tolerance can influence

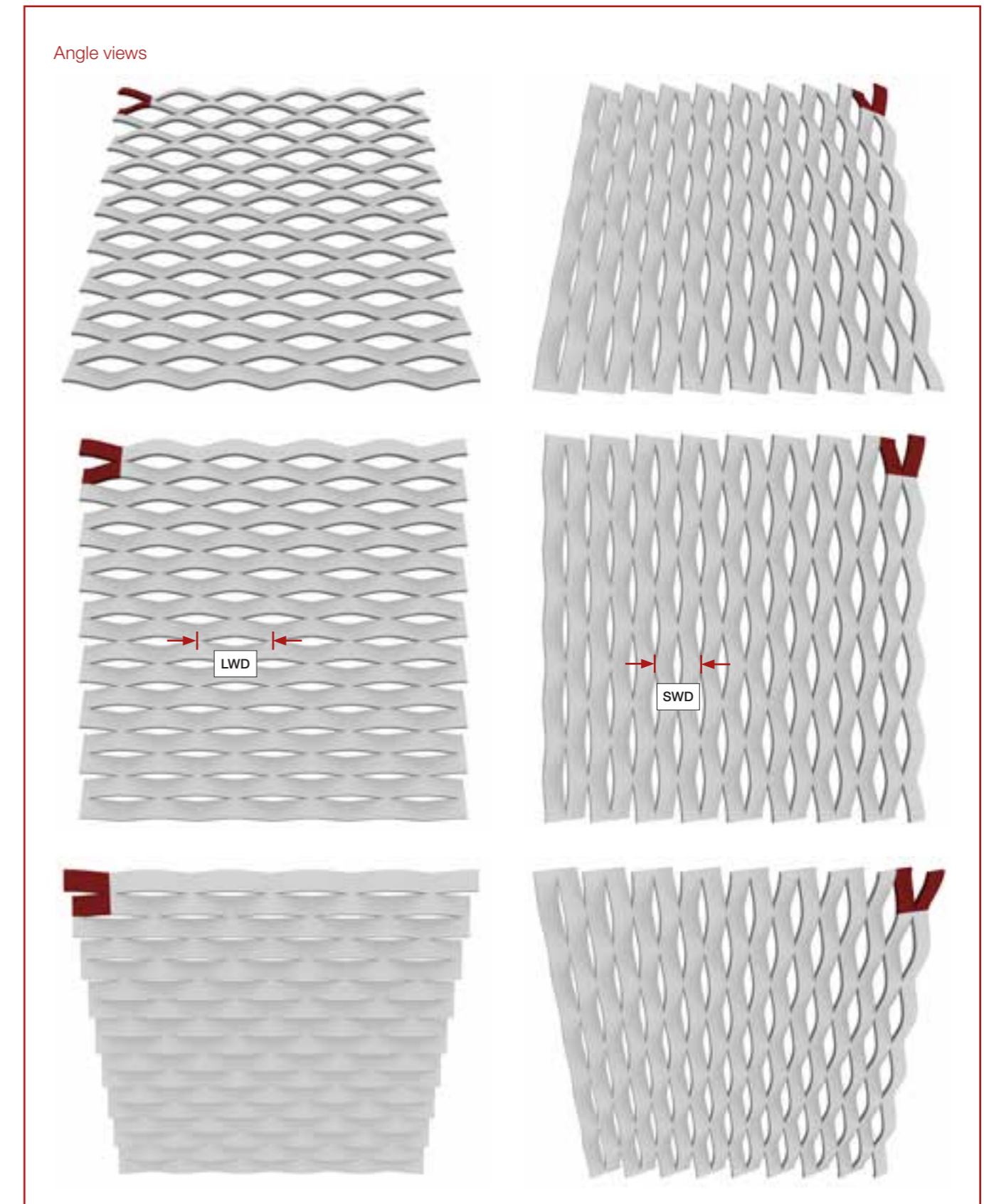
the mesh edges. If in doubt, please do not hesitate to contact our experienced Sales Team regarding your individual requirements.



Same sheet, different expressions

Expanded metal is inspiring to work with as it provides various design opportunities. These illustrations all show the same sheet, seen from different angles. To guide you, the red colour marks the same spot.

Notice how the see-through visibility changes according to the viewing angle. The mesh appears open or closed which allows the designer to tailor the expression for different effects with the same material.





Application: Sun screens
 Pattern: Special tailor-made
 (LT200x80x24x2 and LT115x52x24x2)
 Material: Aluminium EN 1050

Stylish and functional sun screens
 1.600 m² of 2.0 mm expanded aluminium have been used to create decorative and versatile sun screens for this educational institution. The aluminium was powder coated before installation to make the sun screens durable and virtually maintenance-free.

The expanded metal panels were mounted approximately two metres away from the building, creating a small passage that allows for window cleaning and building maintenance.



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Aesthetics with a purpose
 Form and functionality meet when expanded metal is part of the equation, as can be seen from the facade and sun screens for this sports hall. The expanded metal offers creative freedom, as you can choose from various materials and different types of surface treatments to make the metal suit the overall architectural purpose.

The functional idea behind this facade cladding in corten steel is to provide an efficient sun screen that is a natural part of the building's overall aesthetics.

Application: Facade and sun screens
 Pattern: Special tailor-made
 (LT115x48x20x2)
 Material: Corten