

EXPANDED METAL

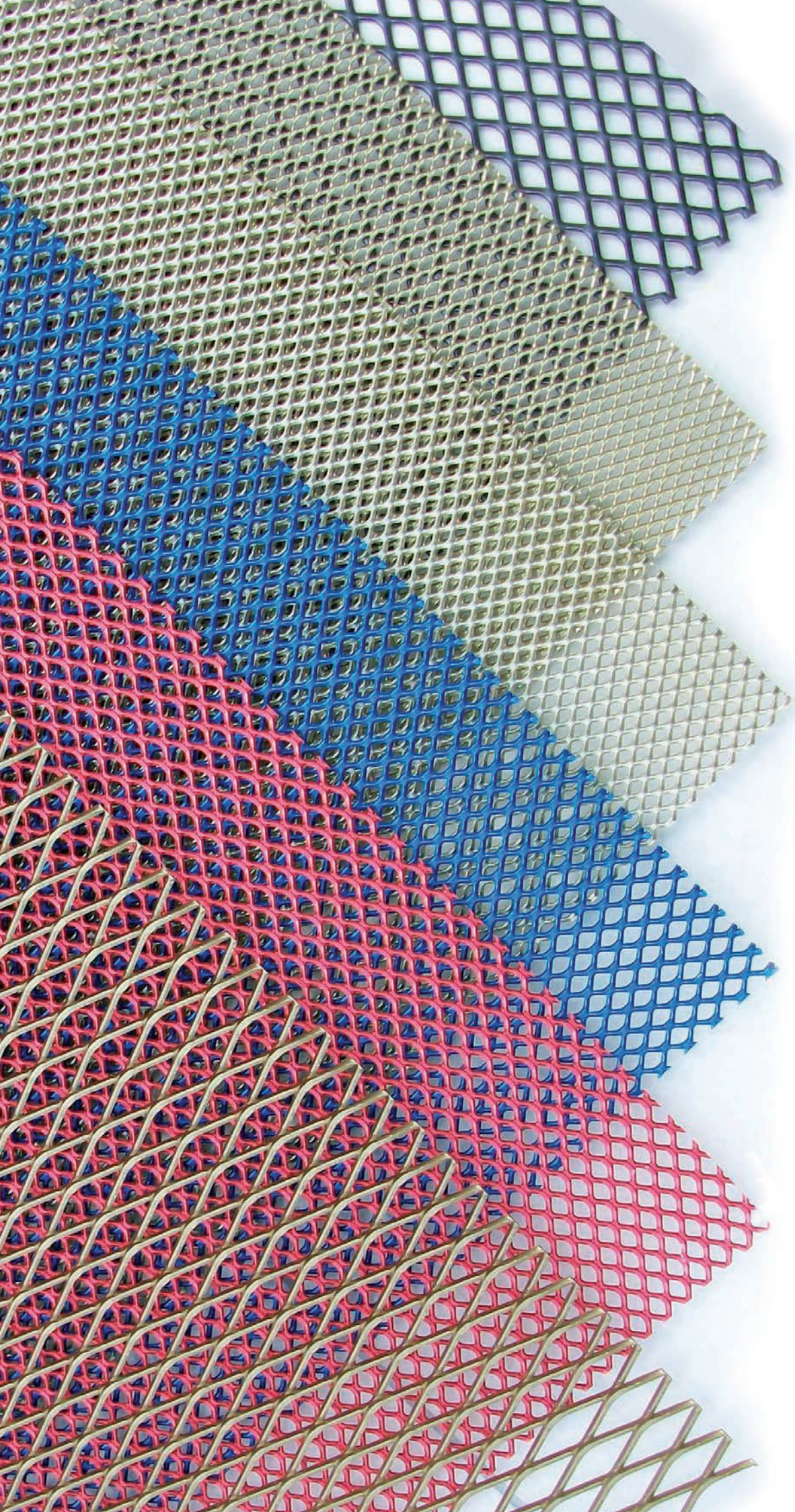
# MESH

MAGLIE

T.I.D

technology  
innovation  
design

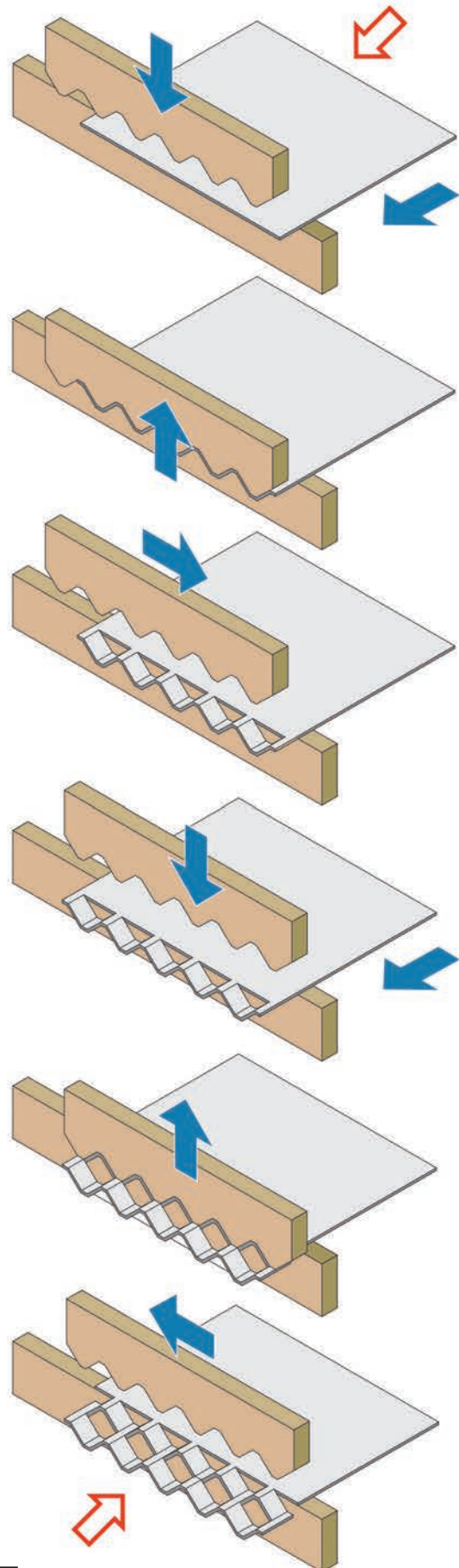




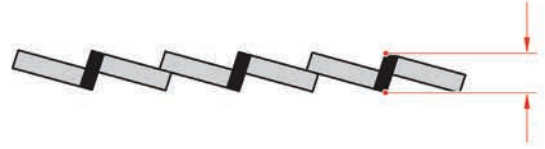
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# Metal's stretching

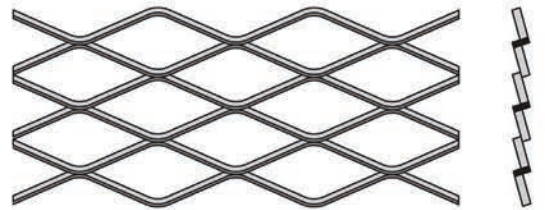
Metal's stretching



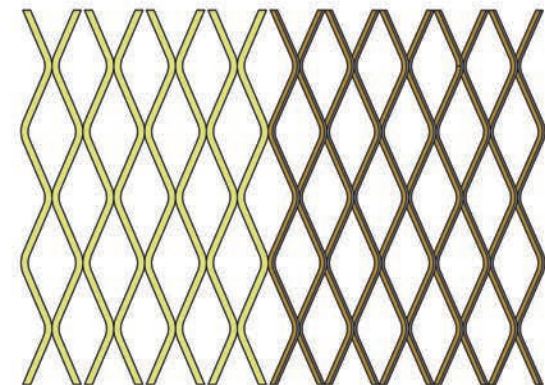
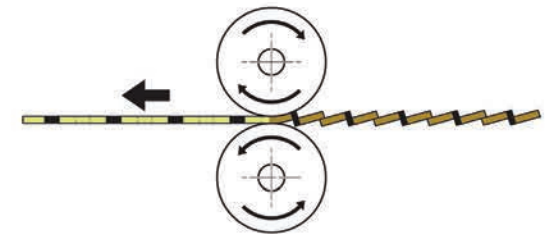
Stretch metal final thickness



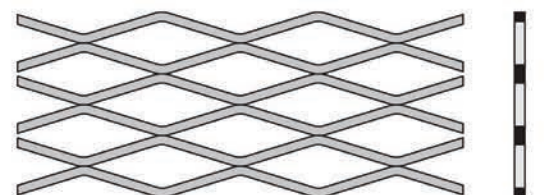
Stretch metal not rolled



Rolled mesh drawing

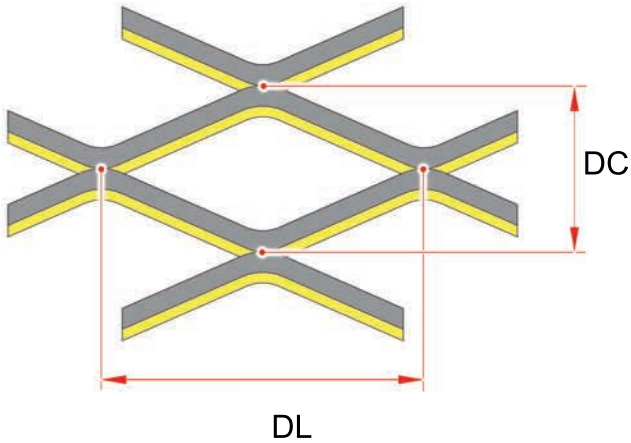


Stretch metal rolled

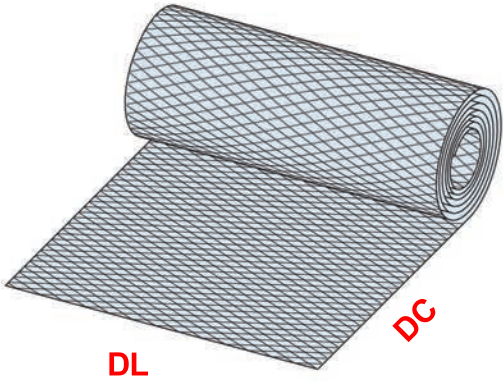


# Mesh's dimension

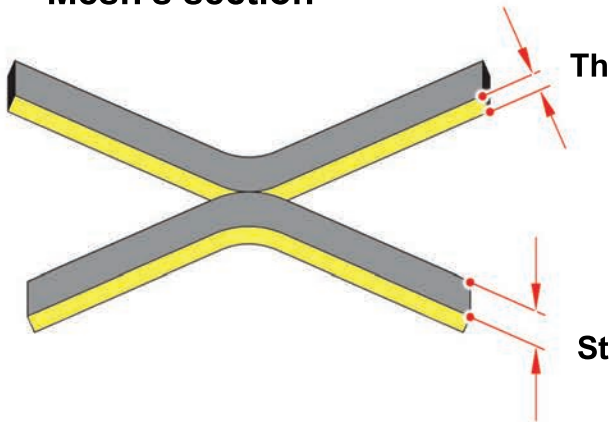
## Mesh's dimension



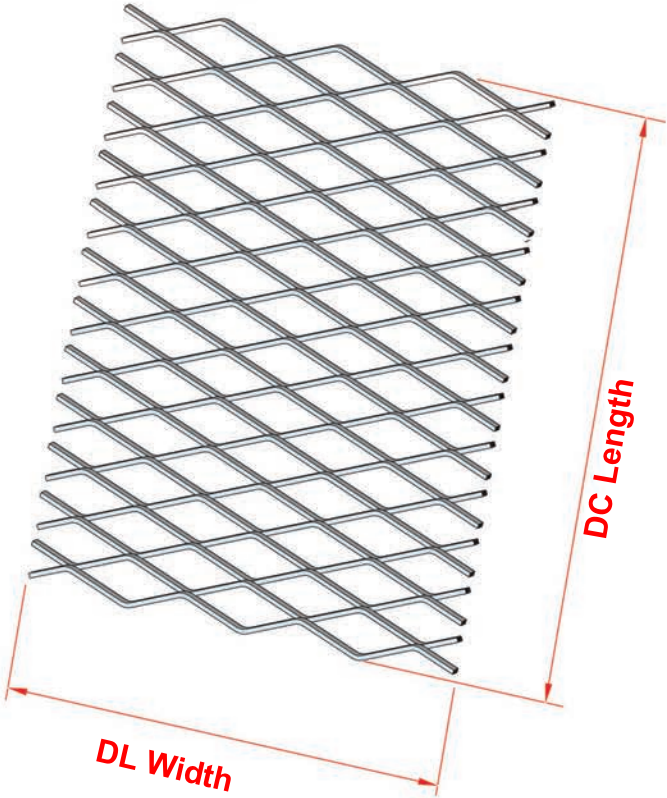
## Stretch metal roll



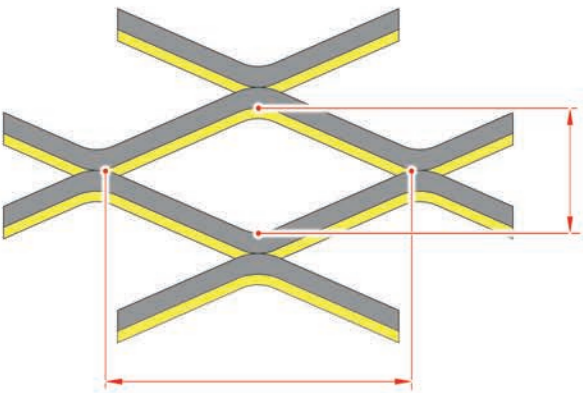
## Mesh's section



## Sheet dimension and thickness

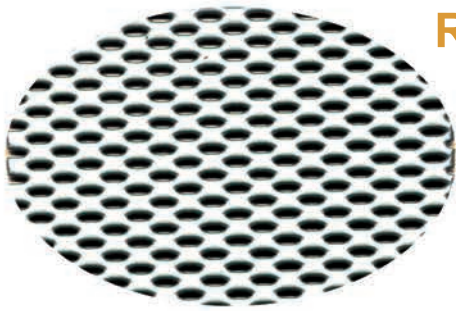


## Open area dimension



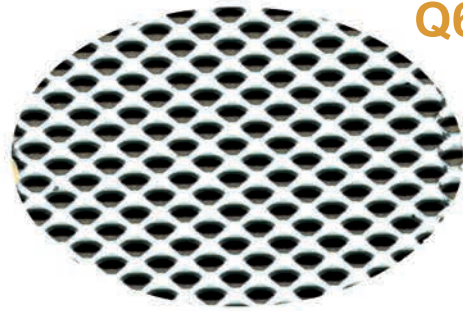
- \* Th = Thickness
- St = Strand
- DL= Long Diagonal
- DC= Short Diagonal

# STANDARD MESH



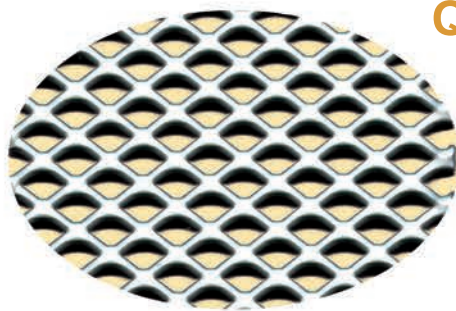
**R6**

Thickness: mm. 2  
Weight: kg/mq. 3,9  
Open area: 38 %



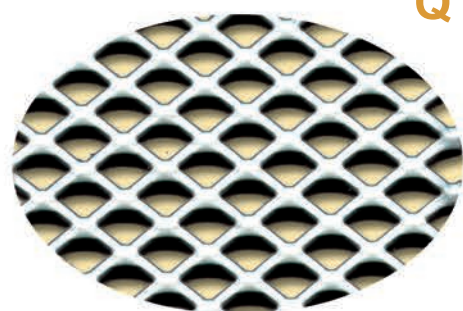
**Q6**

Thickness: mm. 2  
Weight: kg/mq. 3,8  
Open area: 40 %



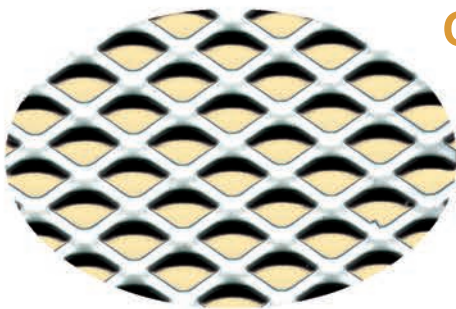
**Q8**

Thickness: mm. 2  
Weight: kg/mq. 3,3  
Open area: 62 %



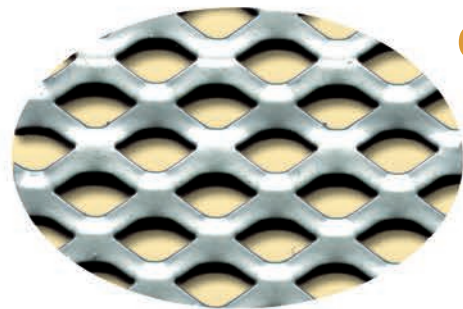
**Q10**

Thickness: mm. 2  
Weight: kg/mq. 3,2  
Open area: 66 %



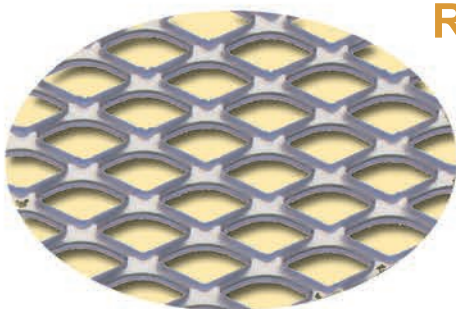
**Q12**

Thickness: mm. 2  
Weight: kg/mq. 2,8  
Open area: 68 %



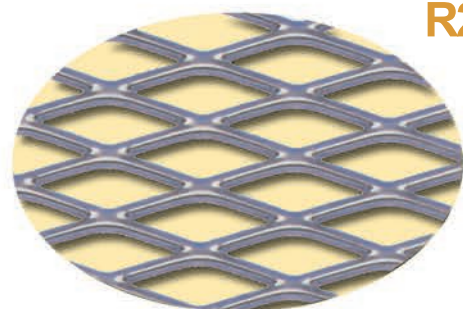
**Q16**

Thickness: mm. 2  
Weight: kg/mq. 3,8  
Open area: 56 %



**R16**

Thickness: mm. 2.4  
Weight: kg/mq. 3,5  
Open area: 58 %



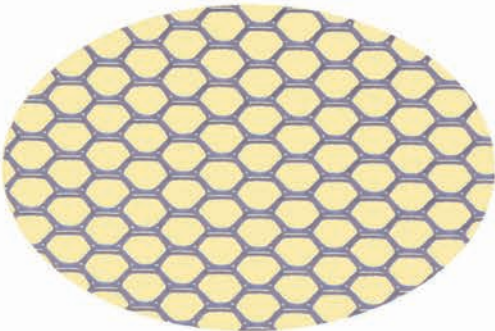
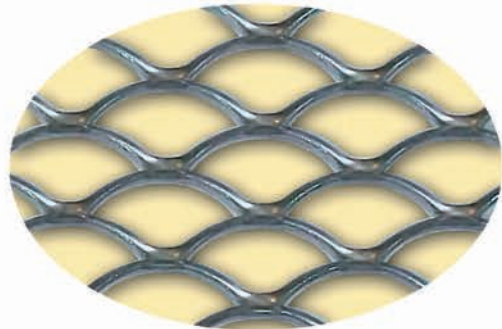
**R28 - 10**

Thickness: mm. 3,3  
Weight: kg/mq. 3,5  
Open area: 72 %

# STANDARD MESH

## P25 SMT

Thickness: mm. 3  
Weight: kg/mq. 3,2  
Open area: 74 %

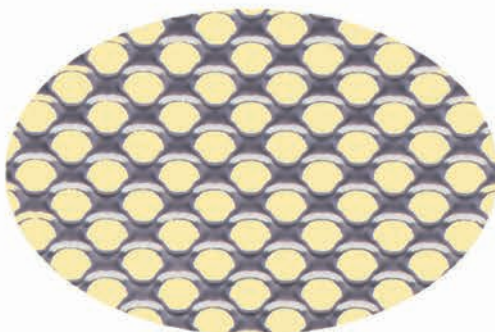
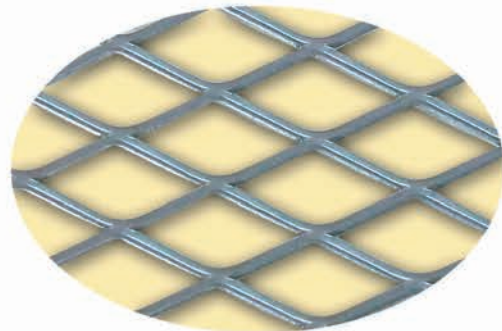


## E10

Thickness: mm. 2  
Weight: kg/mq. 2,8  
Open area: 66 %

## R28 - 14

Thickness: mm. 3  
Weight: kg/mq. 2,8  
Open area: 70 %

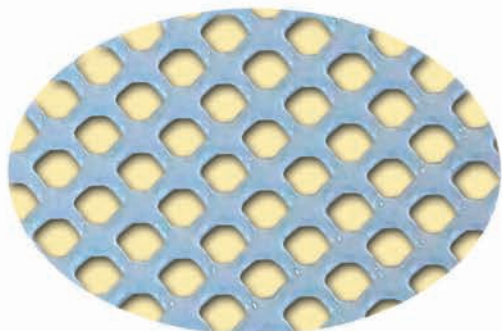


## ST8

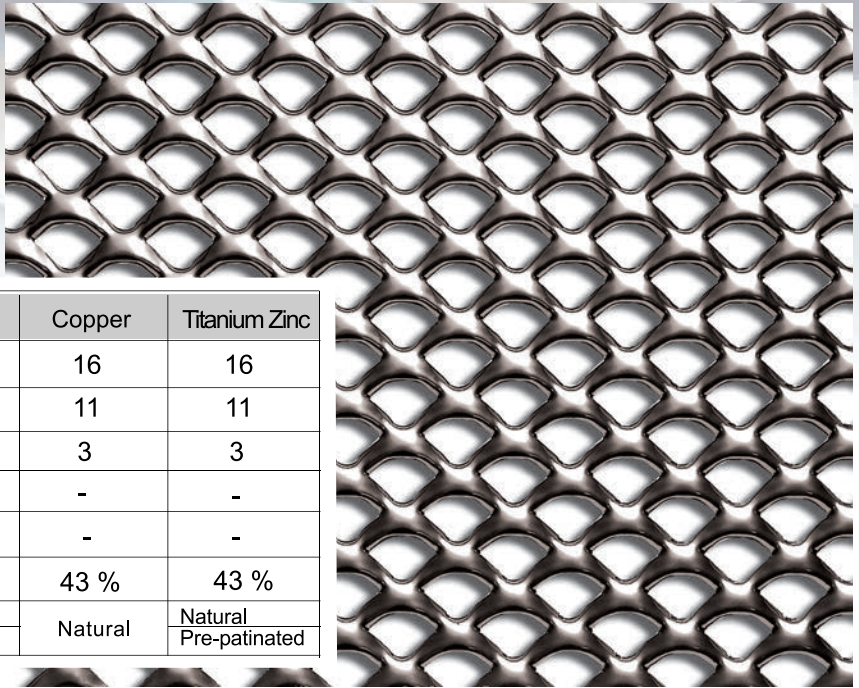
Thickness: mm. 2  
Weight: kg/mq. 3,6  
Open area: 50 %

## ST10

Thickness: mm. 2  
Weight: kg/mq. 3,3  
Open area: 52 %

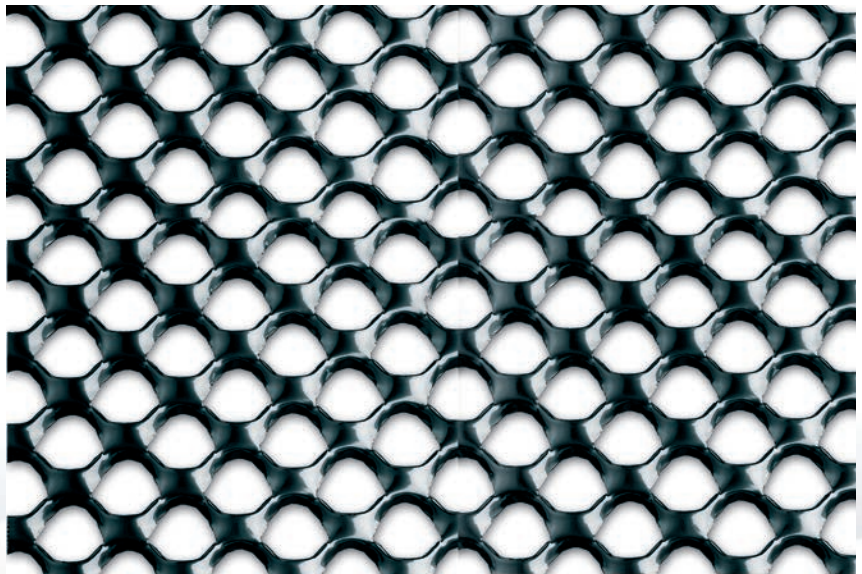


# ISCHIA - CAPRI



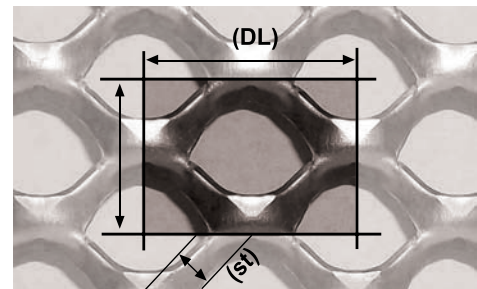
## Ischia

Characteristic:	Alluminium	Steel	Copper	Titanium Zinc
DL mm	16	16	16	16
DC mm	11	11	11	11
St mm	3	3	3	3
Th mm	1,5 / 2	1,5 / 2	-	-
Weight kg/m <sup>2</sup>	2,2 / 3	5,8 / 8,6	-	-
Open Area %	43 %	43 %	43 %	43 %
Color	RAL Color Anodized	Galvanized RAL Color	Natural	Natural Pre-patinated



## Capri

Characteristic:	Alluminium	Steel	Copper	Titanium Zinc
DL mm	15	15	15	15
DC mm	/	/	/	/
St mm	6	6	6	6
Th mm	1,5 / 2	1,5 / 2	-	-
Weight kg/m <sup>2</sup>	2,1 / 2,8	6,3 / 8,4	-	-
Open Area %	55%	55%	55%	55%
Color	RAL Color Anodized	Galvanized RAL Color	Natural	Natural Pre-patinated

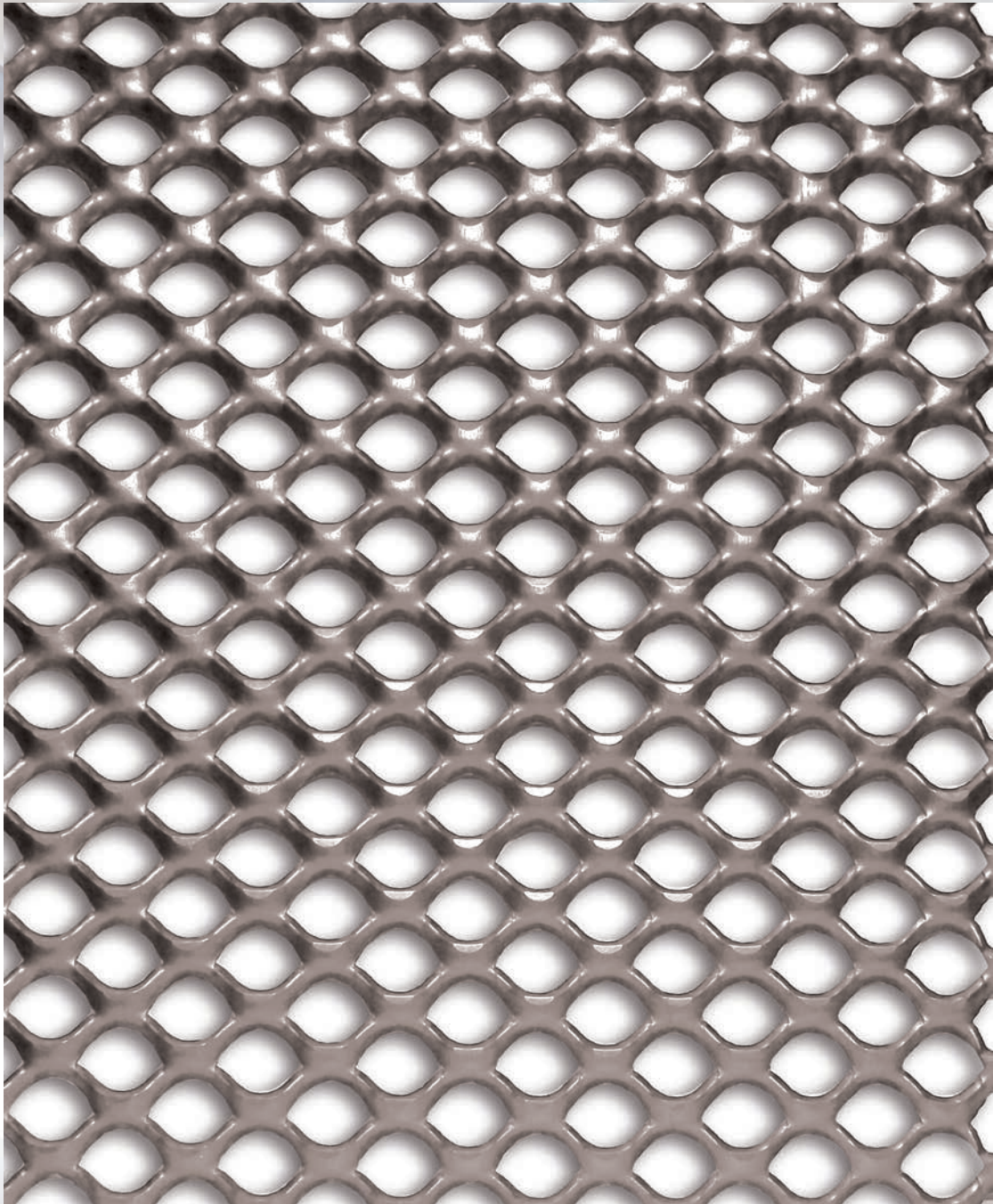


### Mesh Dimension

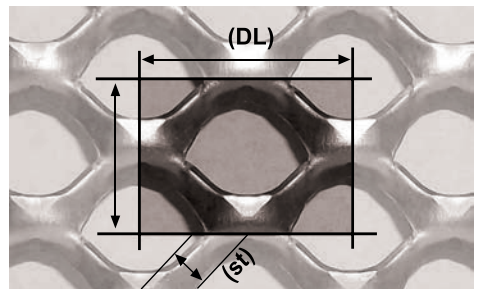
DL = Long Diagonal    st = Strand  
DC = Short Diagonal    th = Thickness



# SIRMIONE



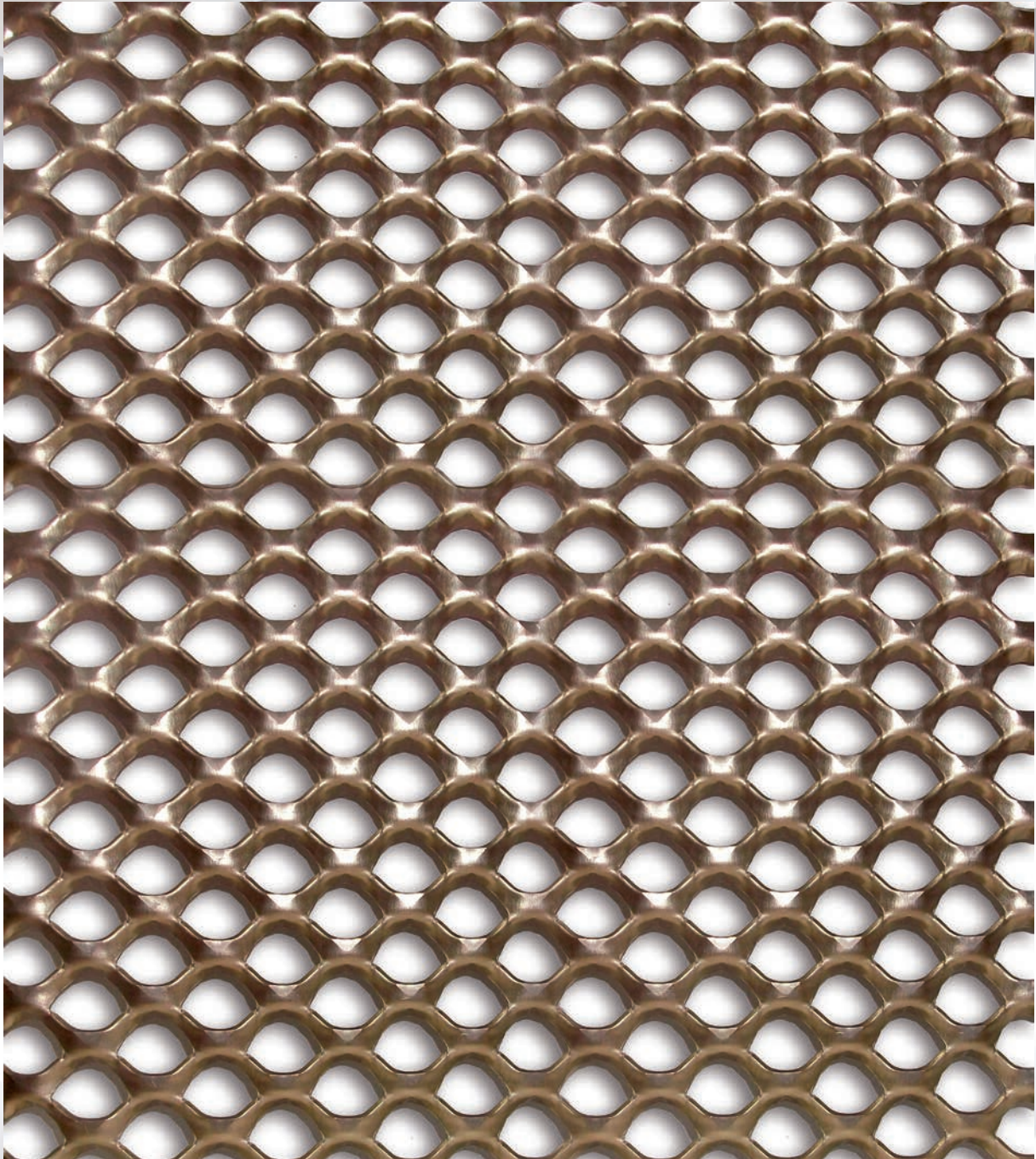
Characteristic:	Alluminium	Steel	Copper	Titanium Zinc
DL mm	20	20	20	20
DC mm	/	/	/	/
St mm	3,25	3,25	3,25	3,25
Th mm	1,5 / 2	1,5 / 2	-	-
Weight kg/m•	1,9 / 3,6	5,4 / 7,1	-	-
Open Area %	60%	60%	60%	60%
Color	RAL Color Anodized	Galvanized RAL Color	Natural	Natural Pre-patinated



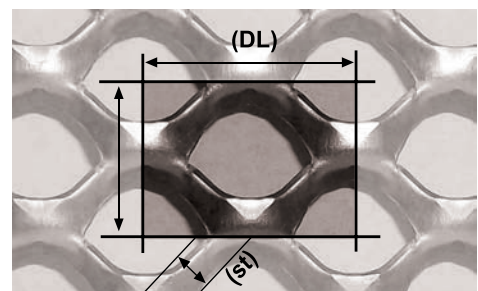
### Mesh Dimension

DL = Long Diagonal    st = Strand  
DC = Short Diagonal    th = Thickness

# CERVIA



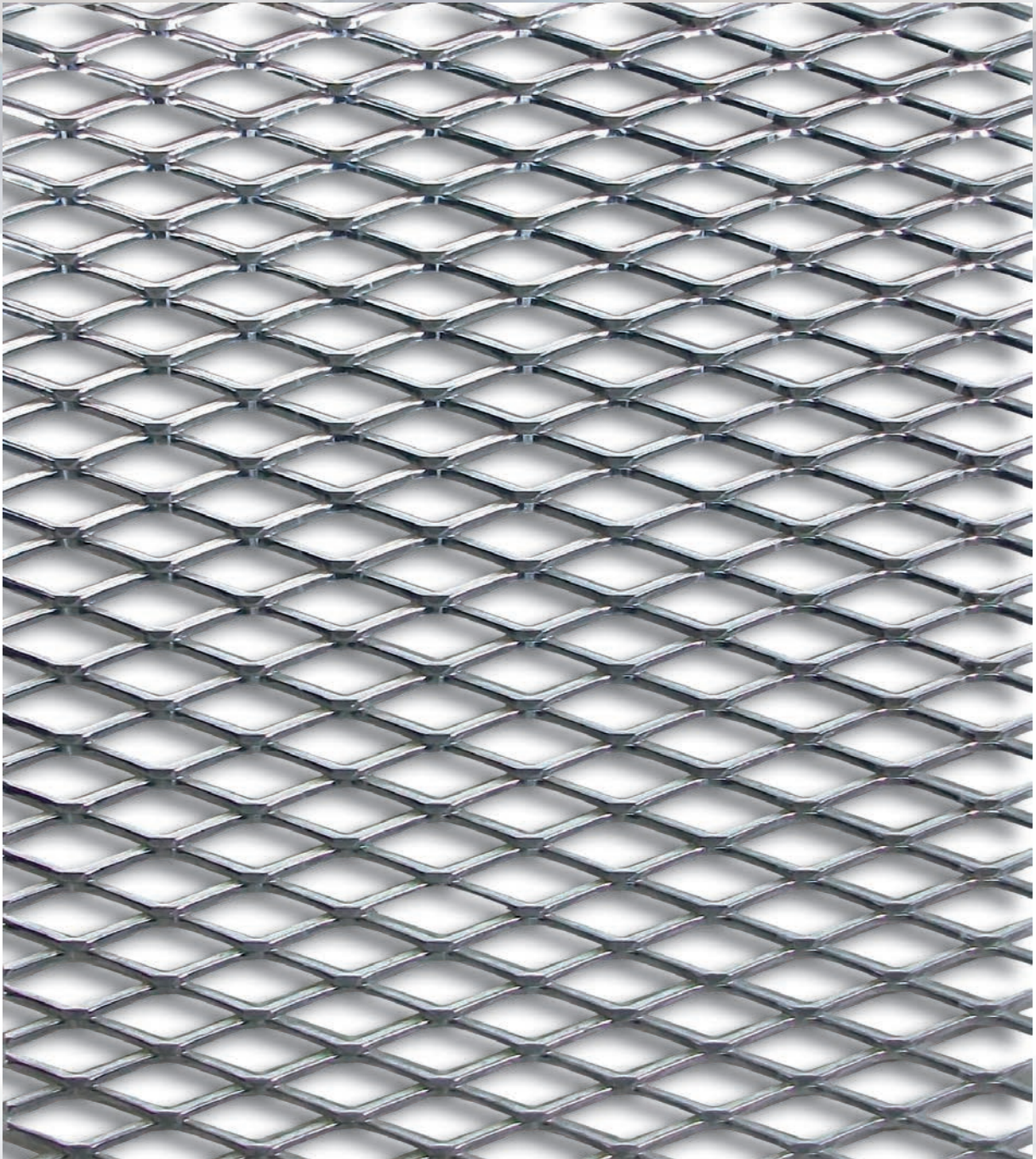
Characteristic:	Alluminium	Steel	Copper	Titanium Zinc
DL mm	30	30	-	-
DC mm	-	-	-	-
St mm	6	6	-	-
Th mm	2	2	-	-
Weight kg/m <sup>2</sup>	2,8	9,6	-	-
Open Area %	43 %	43 %	43 %	43 %
Color	RAL Color Anodized	Galvanized RAL Color	Natural	Natural Pre-patinated



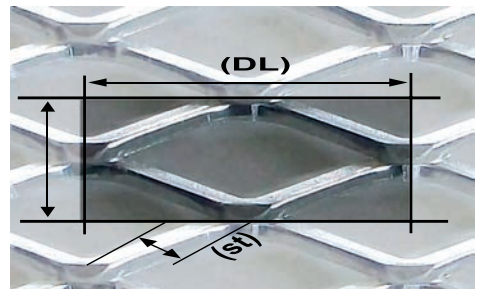
### Mesh Dimension

DL = Long Diagonal    st = Strand  
DC = Short Diagonal    th = Thickness

# RIMINI



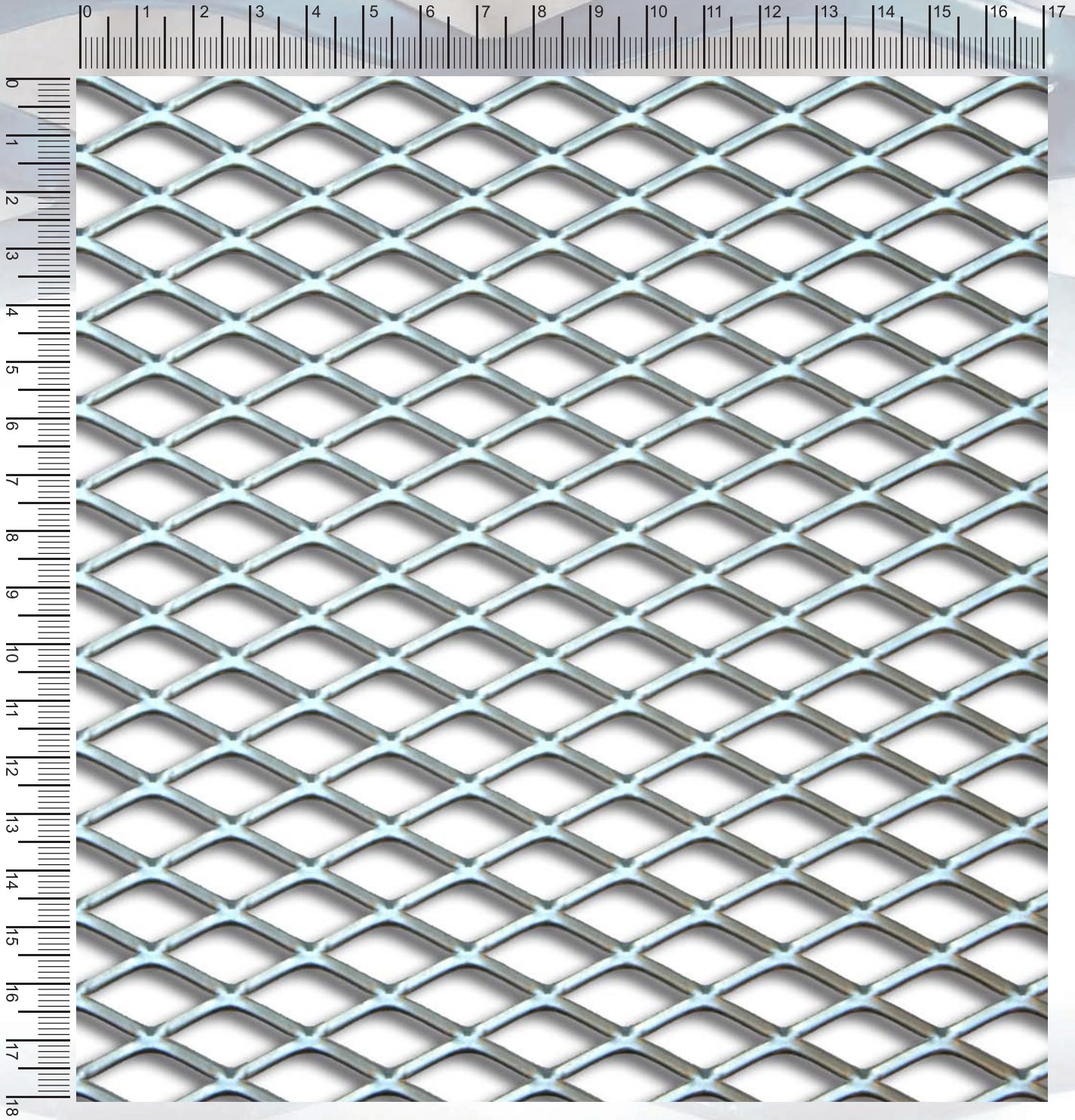
Characteristic:	Alluminium	Steel	Copper	Titanium Zinc
DL mm	20	20	-	-
DC mm	10	10	-	-
St mm	2	2	-	-
Th mm	1,5 / 2	1,5 / 2	-	-
Weight kg/m <sup>2</sup>	2,4	5,4	-	-
Open Area %	66 %	66 %	66 %	66 %
Color	RAL Color Anodized	Galvanized RAL Color	Natural	Natural Pre-patinated



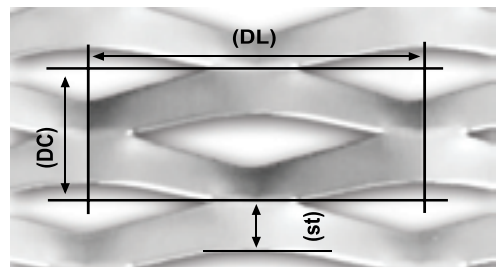
### Mesh Dimension

DL = Long Diagonal    st = Strand  
DC = Short Diagonal    th = Thickness

# CEFALU'



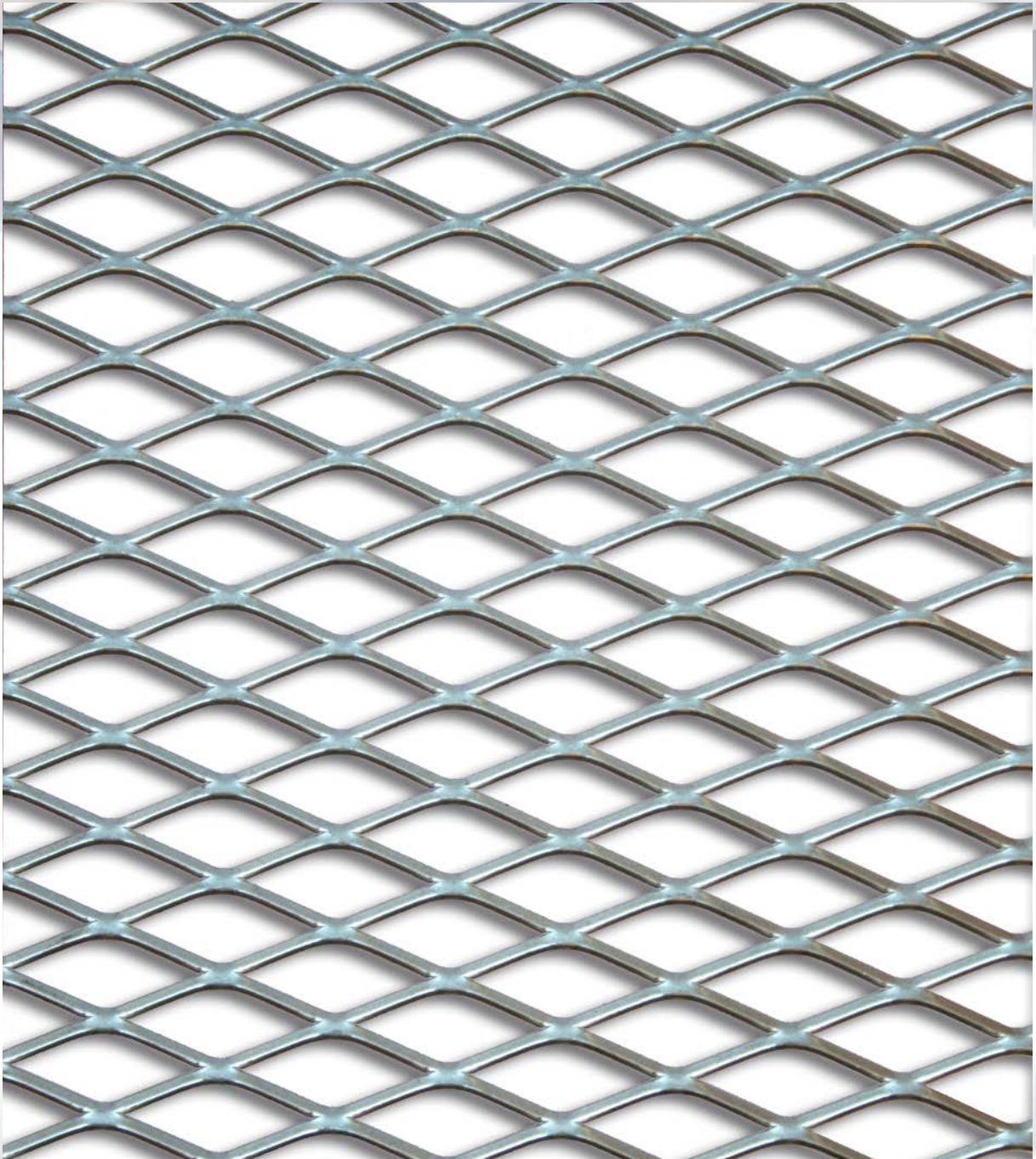
Characteristic:	Alluminium	Steel	Copper	Titanium Zinc
DL mm	28	28	28	28
DC mm	10	10	10	10
St mm	2	2	-	-
Th mm	1,5 / 2	1,5 / 2	-	-
Weight kg/m•	1,7 / 2,4	4,2 / 6,4	-	-
Open Area %	66 %	66 %	66 %	66 %
Color	RAL Color Anodized	Galvanized RAL Color	Natural	Natural Pre-patinated



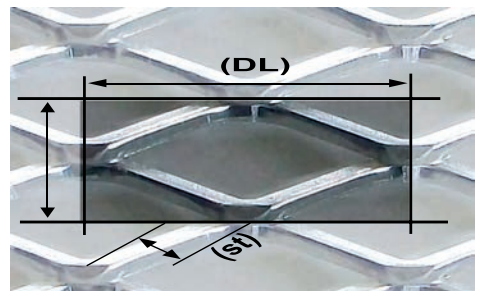
### Mesh Dimension

DL = Long Diagonal    st = Strand  
DC = Short Diagonal    th = Thickness

# RICCIONE



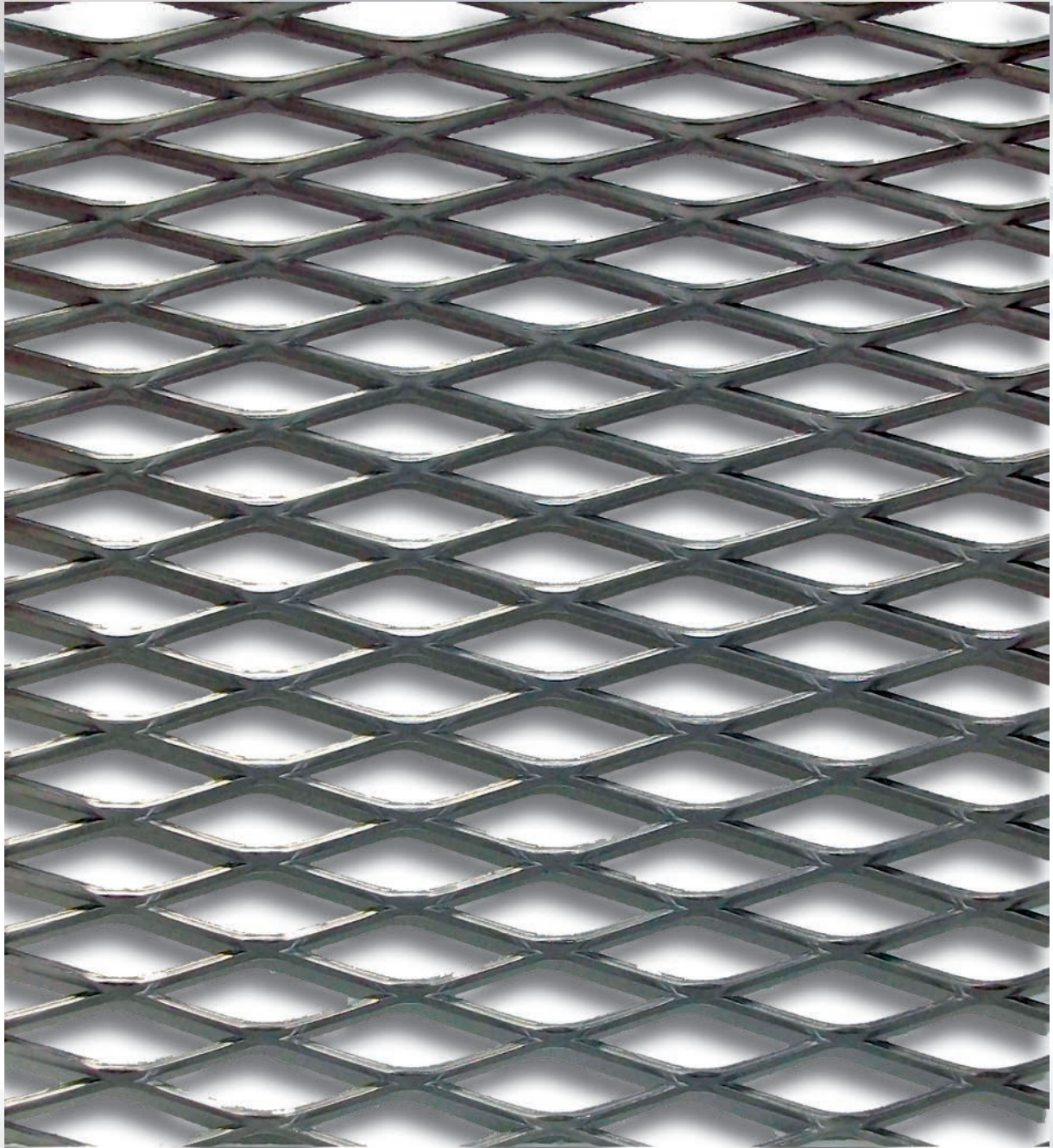
Characteristic:	Alluminium	Steel	Copper	Titanium Zinc
DL mm	43	43	43	43
DC mm	17	17	17	17
St mm	2,5	2,5	-	-
Th mm	1,5 / 2	1,5 / 2	-	-
Weight kg/m <sup>2</sup>	1,3 / 1,9	3,8 / 4,6	-	-
Open Area %	74%	74%	74%	74%
Color	RAL Color Anodized	Galvanized RAL Color	Natural	Natural Pre-patinated



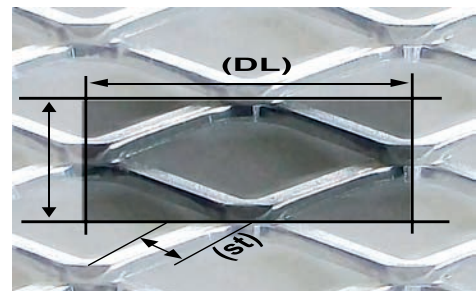
### Mesh Dimension

DL = Long Diagonal    st = Strand  
DC = Short Diagonal    th = Thickness

# ORBETELLO



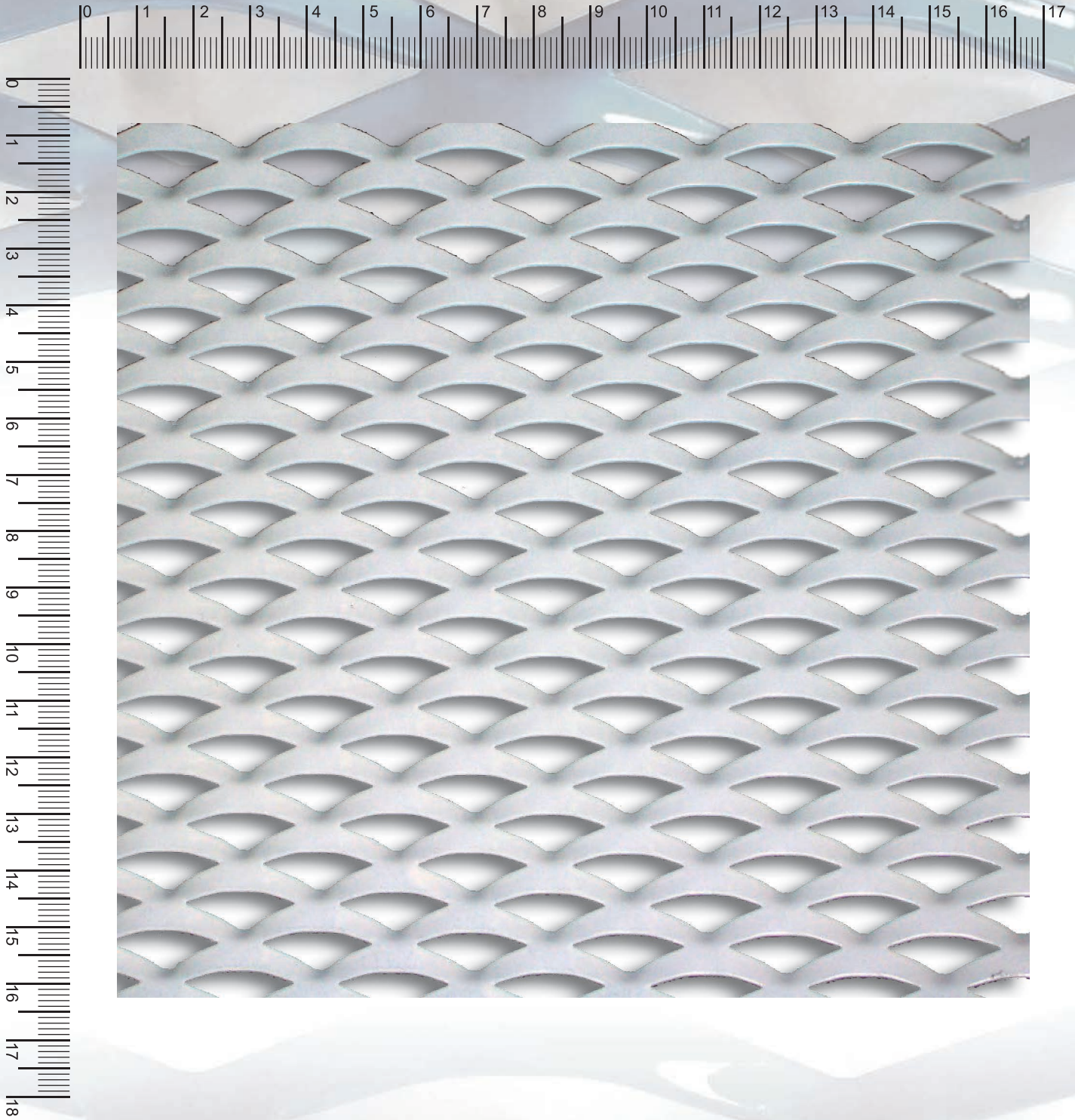
Characteristic:	Alluminium	Steel	Copper	Titanium Zinc
DL mm	43	43	43	43
DC mm	13	13	13	13
St mm	2,5	2,5	-	-
Th mm	1,5 / 2	1,5 / 2	-	-
Weight kg/m <sup>2</sup>	1,4 / 2,1	4,3 / 5,5	-	-
Open Area %	66 %	66 %	66 %	66 %
Color	RAL Color Anodized	Galvanized RAL Color	Natural	Natural Pre-patinated



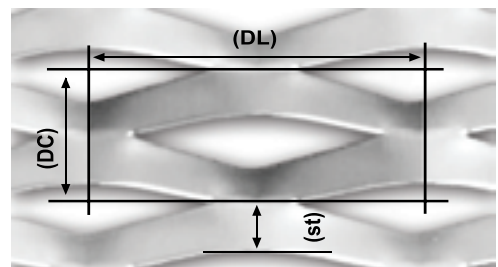
### Mesh Dimension

DL = Long Diagonal    st = Strand  
DC = Short Diagonal    th = Thickness

# MARATEA



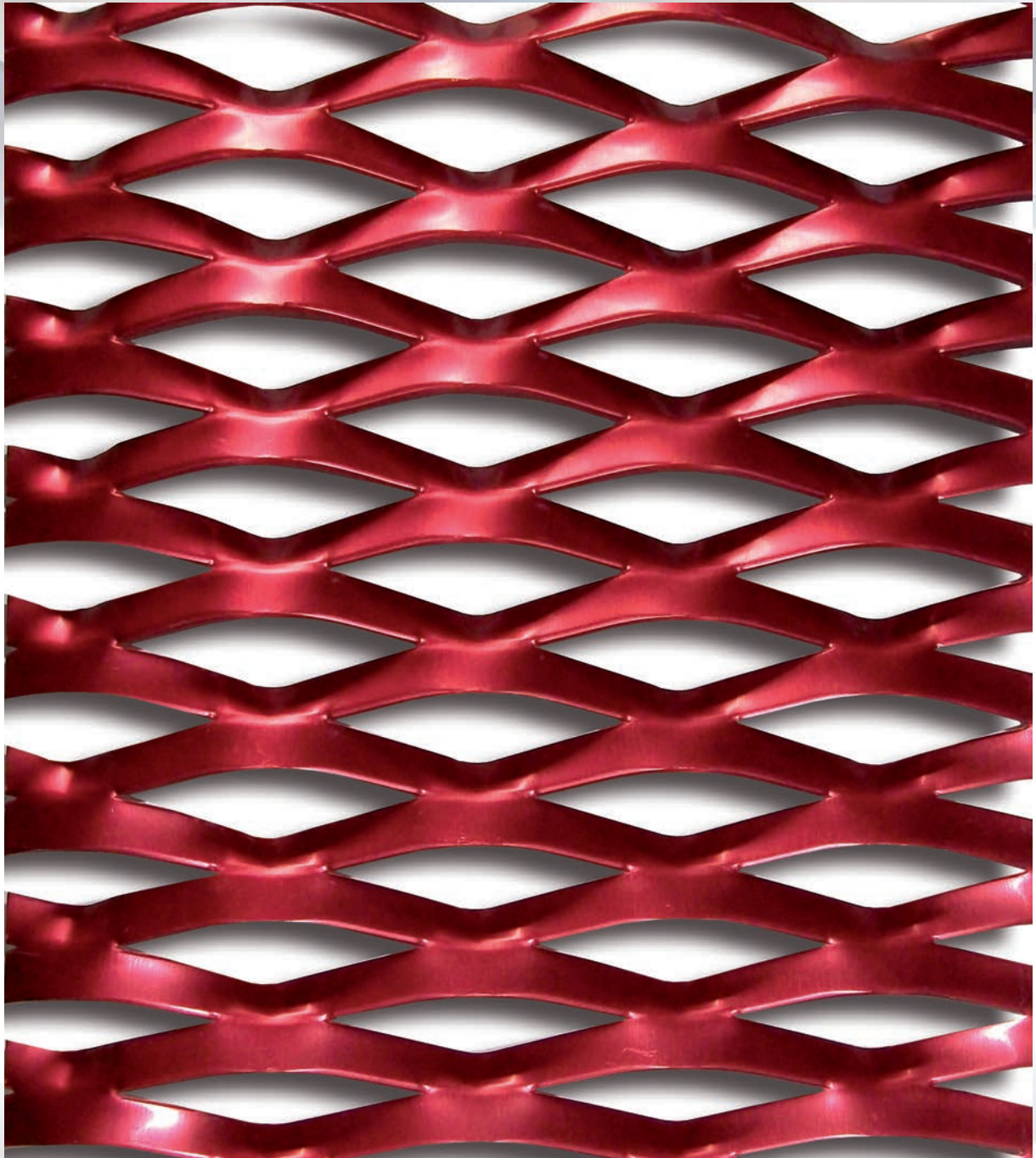
Characteristic:	Alluminium	Steel	Copper	Titanium Zinc
DL mm	28	28	28	28
DC mm	14	14	14	14
St mm	5	5	-	-
Th mm	1,5 / 2	1,5 / 2	-	-
Weight kg/m <sup>2</sup>	3 / 3,9	8,4 / 11,3	-	-
Open Area %	34 %			
Color	RAL Color Anodized	Galvanized RAL Color	Natural	Natural Pre-patinated



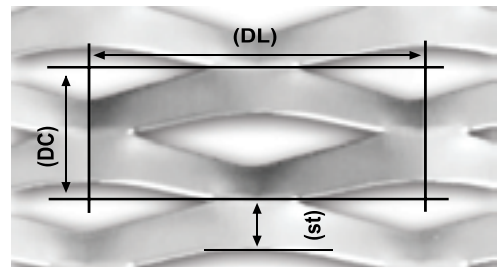
### Mesh Dimension

DL = Long Diagonal    st = Strand  
DC = Short Diagonal    th = Thickness

# RAPALLO



Characteristic:	Alluminium	Steel	Copper	Titanium Zinc
DL mm	62,5	62,5	62,5	62,5
DC mm	20 (25),5	20 (25),5	20 (25),5	20 (25),5
St mm	9,1	9,1	9,1	
Th mm	1,5 / 2	1,5 / 2	-	-
Weight kg/m <sup>2</sup>	2,7 / 3,6	8,2 / 11,2	-	-
Open Area %	28,5%	28,5%	28,5%	28,5%
Color	RAL Color Anodized	Galvanized RAL Color	Natural	Natural Pre-patinated

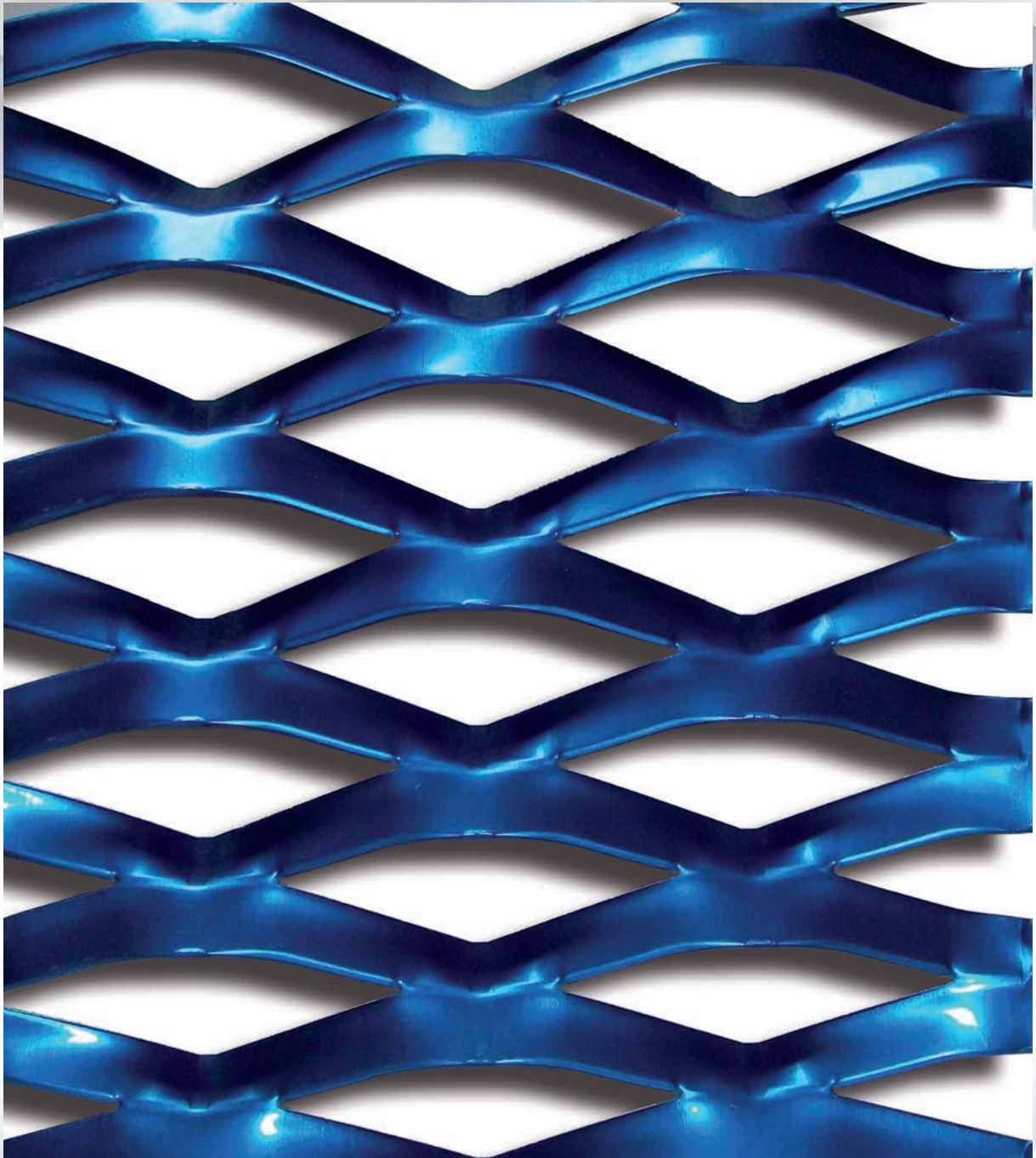


### Mesh Dimension

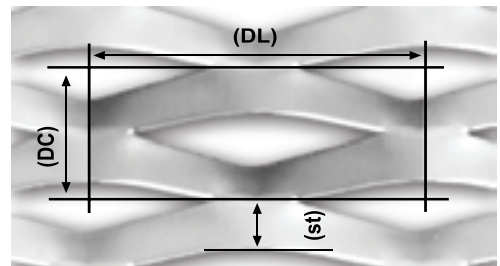
DL = Long Diagonal    st = Strand  
DC = Short Diagonal    th = Thickness



# PORTOFINO



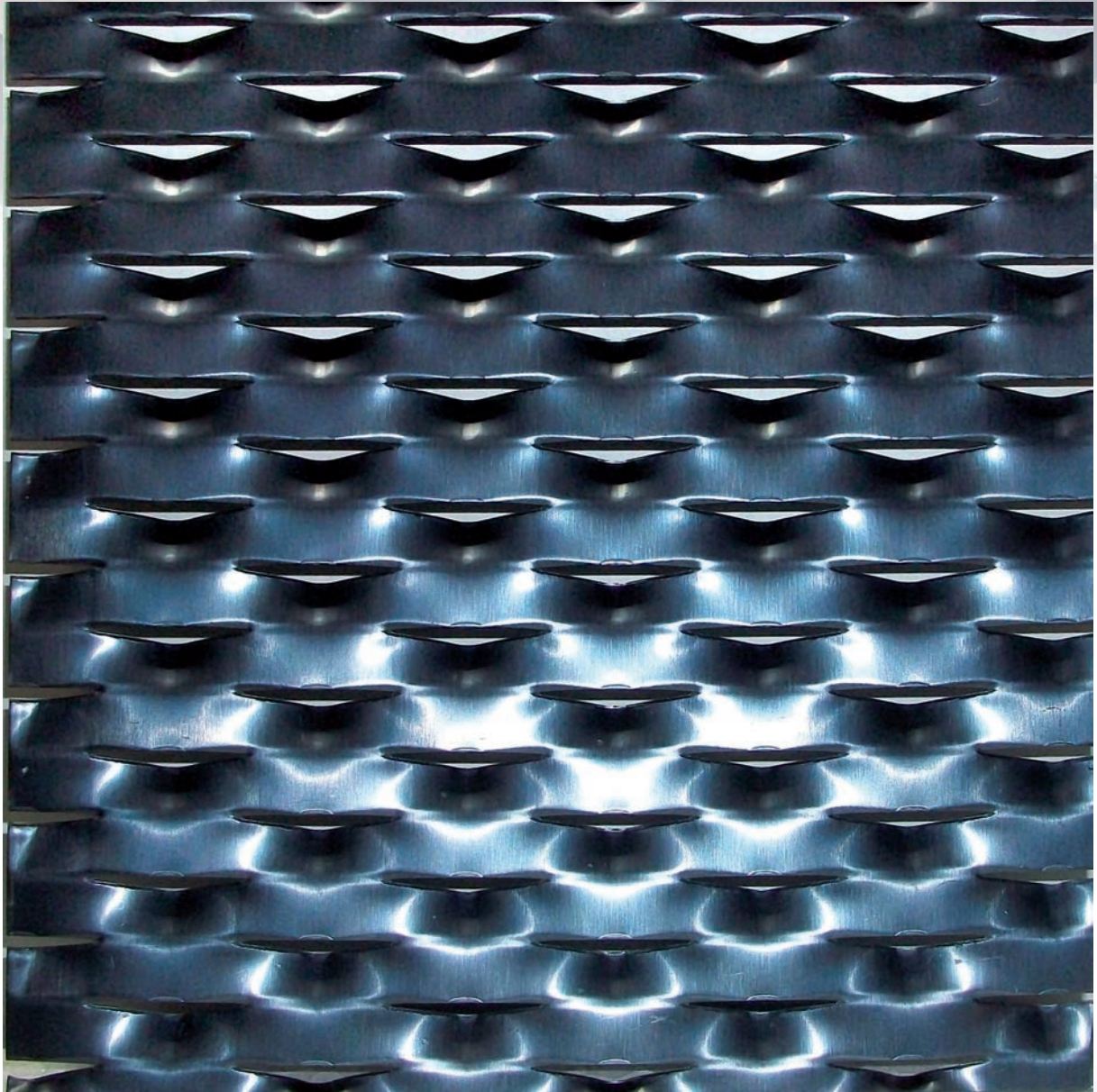
Characteristic:	Alluminium	Steel	Copper	Titanium Zinc
DL mm	85	85	85	85
DC mm	35	35	35	35
St mm	11	11	11	11
Th mm	1,5 / 2	1,5 / 2	-	-
Weight kg/m <sup>2</sup>	2,6 / 3,4	7,8 / 10,2	-	-
Open Area %	43%	43%	43%	43%
Color	RAL Color Anodized	Galvanized RAL Color	Natural	Natural Pre-patinated



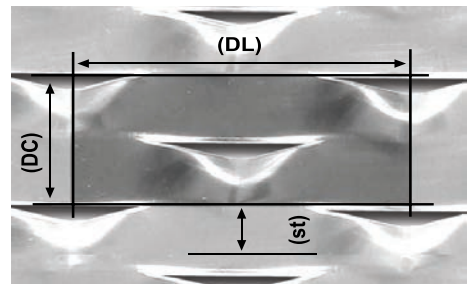
### Mesh Dimension

DL = Long Diagonal    st = Strand  
DC = Short Diagonal    th = Thickness

# VIAREGGIO



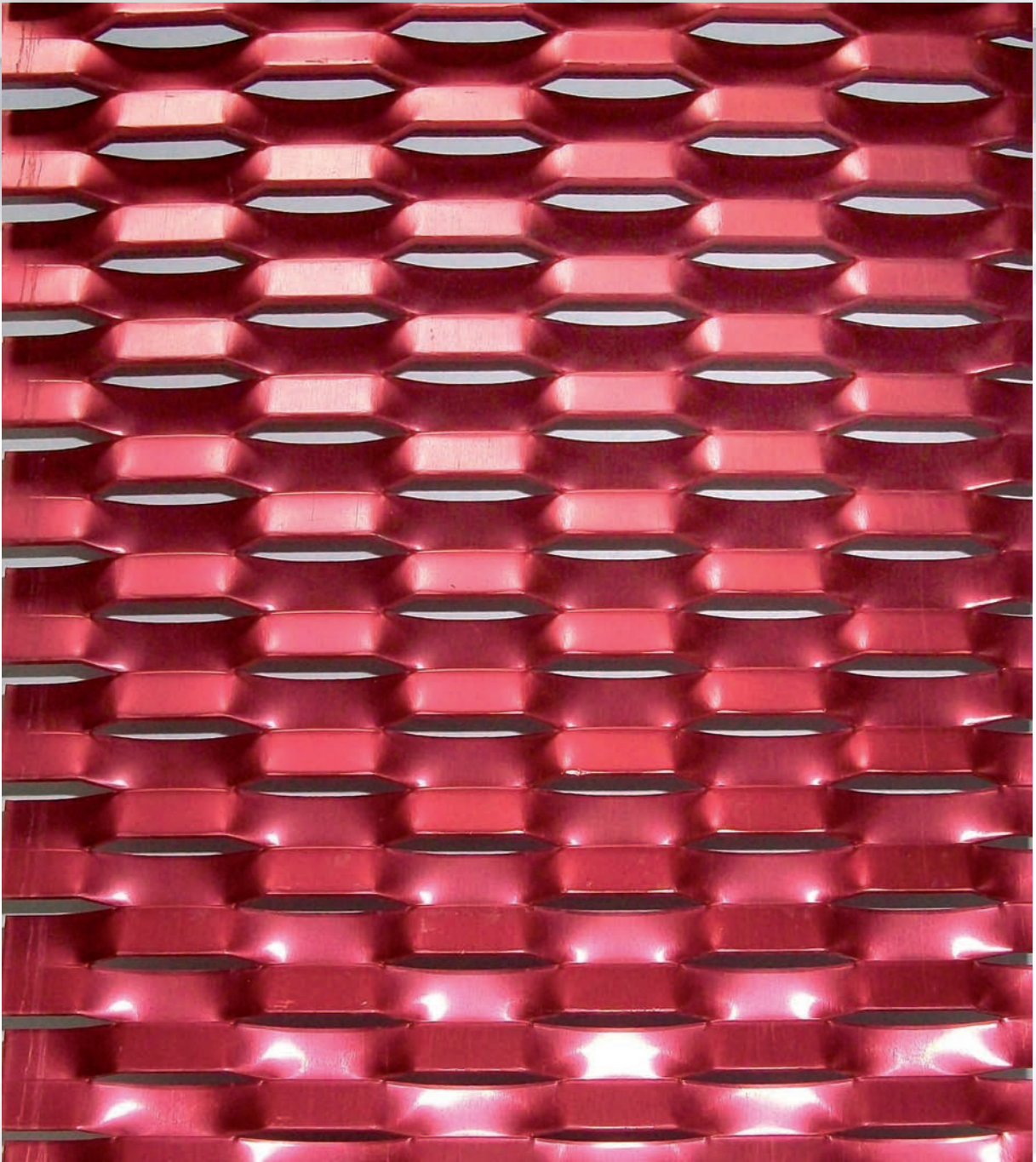
Characteristic:	Alluminium	Steel	Copper	Titanium Zinc
DL mm	43	-	43	43
DC mm	18	-	18	18
St mm	8	-	8	8
Th mm	1,5 / 2	-	-	-
Weight kg/m <sup>•</sup>	3,9 / 5,2	-	-	-
Open Area %	18 %	18 %	18 %	18 %
Color	RAL Color Anodized	Galvanized RAL Color	Natural	Natural Pre-patinated



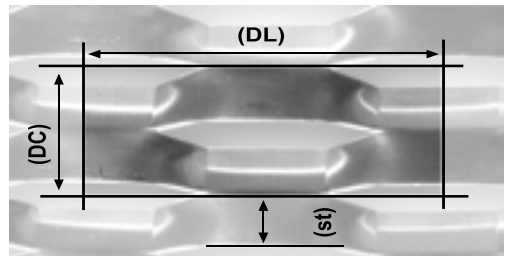
### Mesh Dimension

DL = Long Diagonal    st = Strand  
DC = Short Diagonal    th = Thickness

# TAORMINA



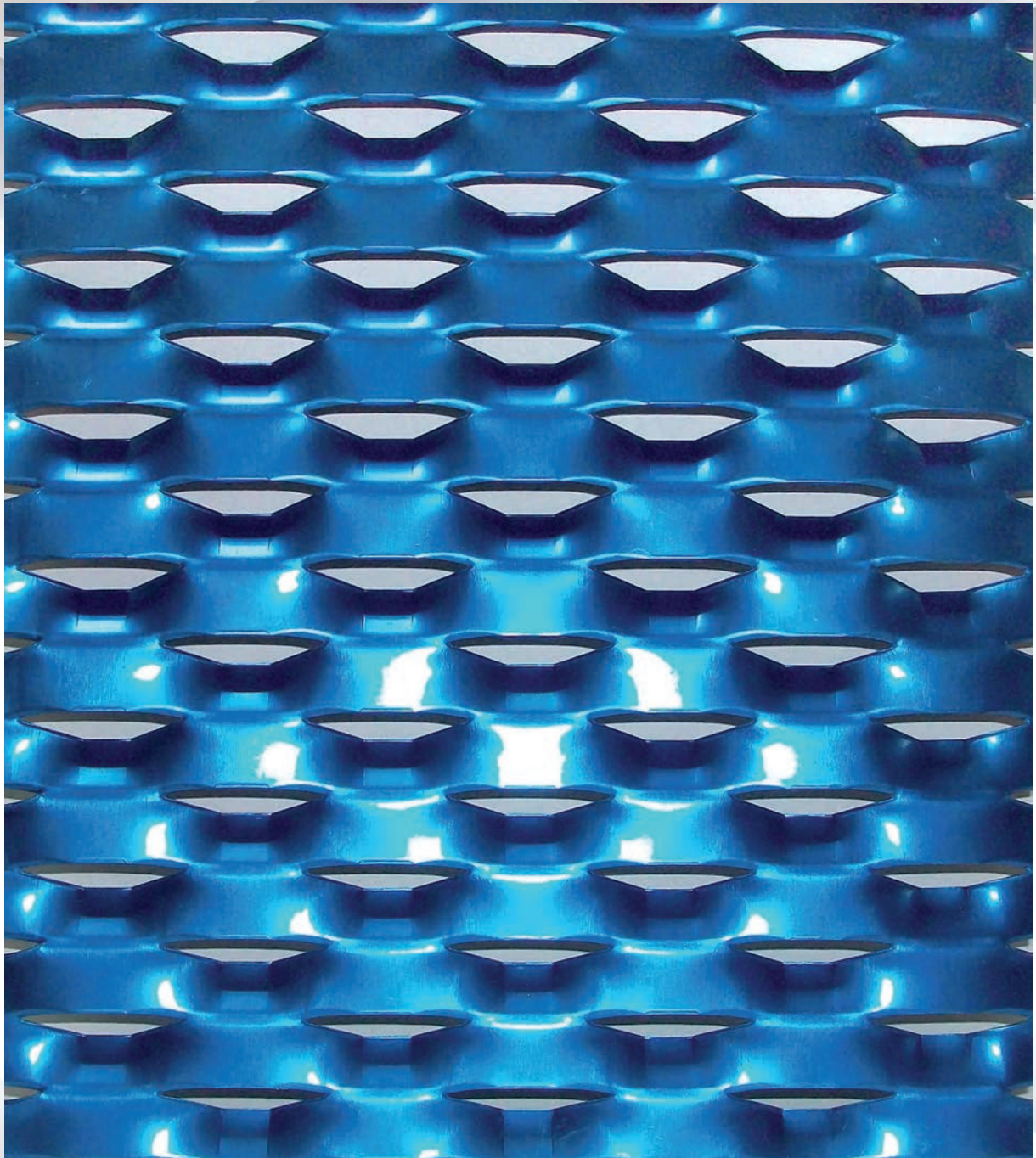
Characteristic:	Alluminium	Steel	Copper	Titanium Zinc
DL mm	45	45	-	-
DC mm	18	18	-	-
St mm	8	8	-	-
Th mm	1,5 / 2	1,5 / 2	-	-
Weight kg/m•	2,4 / 2,9	10,3 / 13,7	-	-
Open Area %	15 %	15 %	15 %	15 %
Color	RAL Color Anodized	Galvanized RAL Color	Natural	Natural Pre-patinated



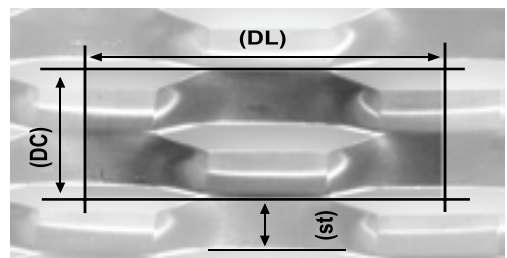
### Mesh Dimension

DL = Long Diagonal    st = Strand  
DC = Short Diagonal    th = Thickness

# ALASSIO



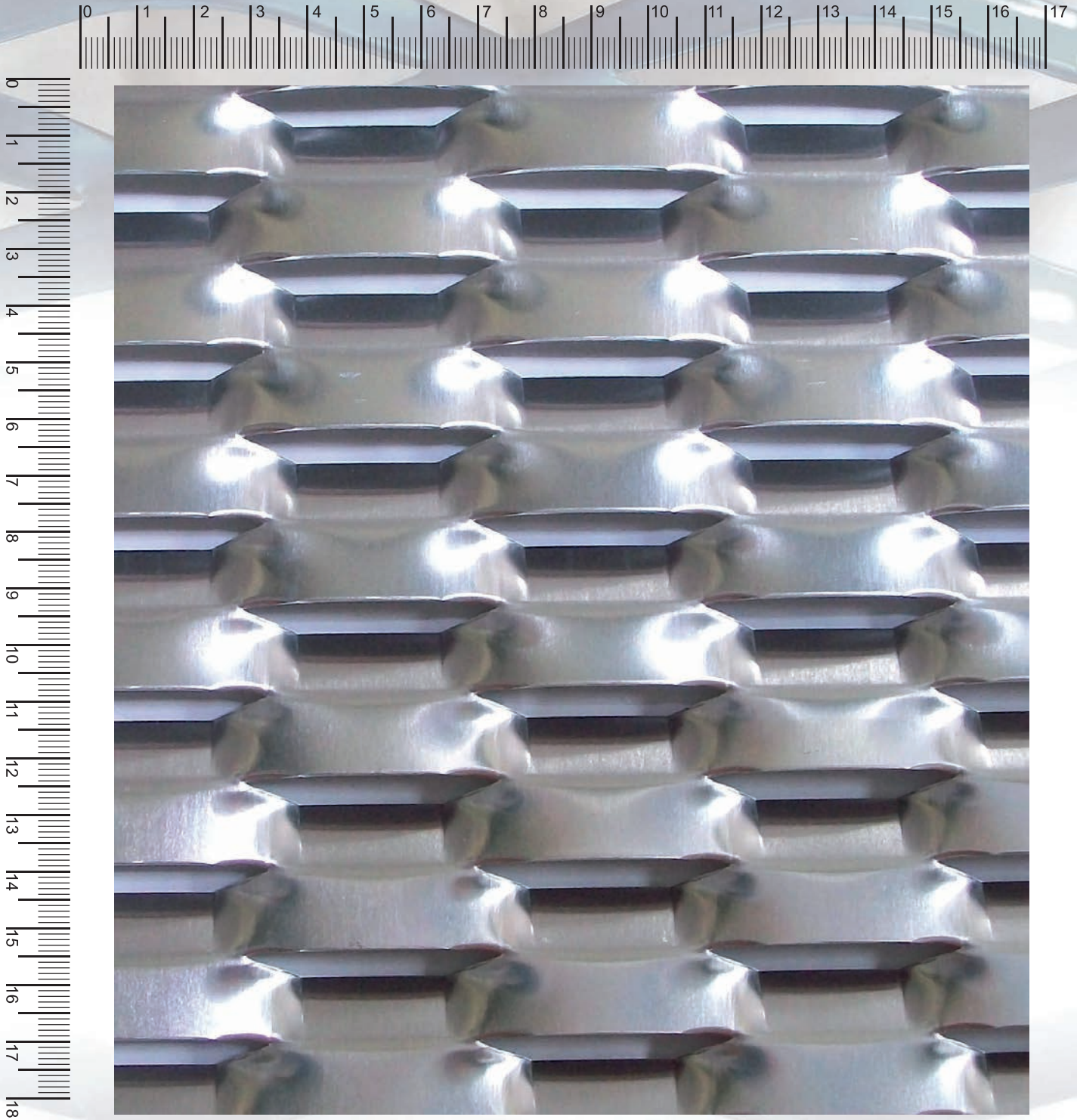
Characteristic:	Alluminium	Steel	Copper	Titanium Zinc
DL mm	43	43	-	-
DC mm	23	23	-	-
St mm	10	10	-	-
Th mm	1,5 / 2	1,5 / 2	-	-
Weight kg/m <sup>2</sup>	3,5 / 4,7	10,3 / 13,7	-	-
Open Area %	22	22	22	22
Color	RAL Color Anodized	Galvanized RAL Color	Natural	Natural Pre-patinated



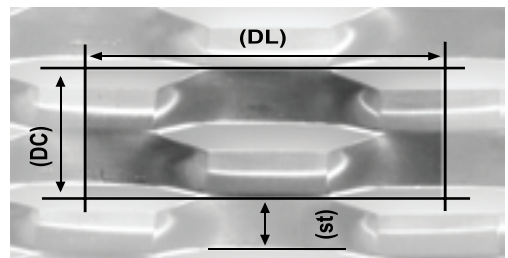
### Mesh Dimension

DL = Long Diagonal    st = Strand  
DC = Short Diagonal    th = Thickness

# VENEZIA



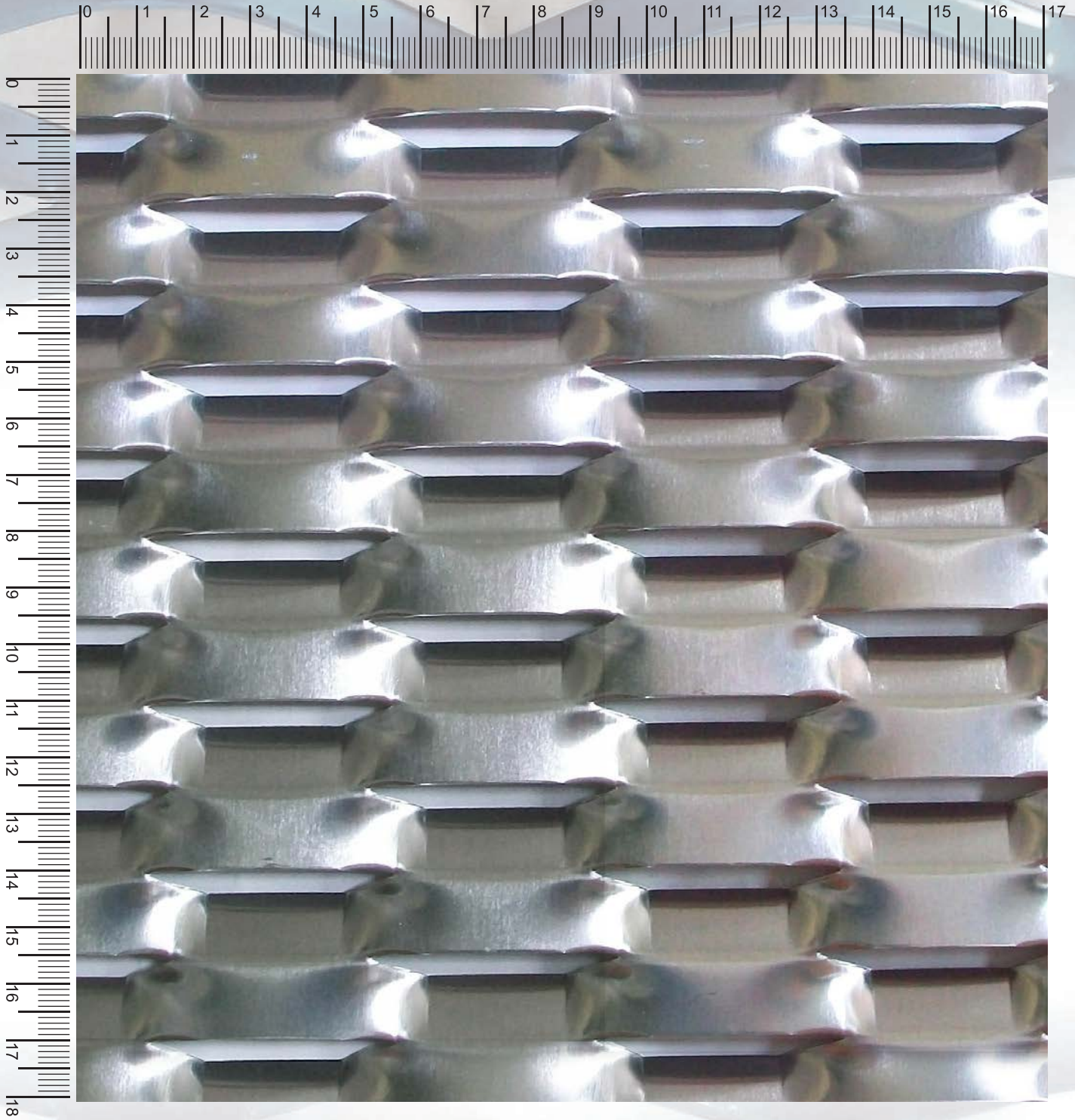
Characteristic:	Alluminium	Steel	Copper	Titanium Zinc
DL mm	80	80	-	-
DC mm	30	30	-	-
St mm	13	13	-	-
Th mm	1,5 / 2	1 / 1,5	-	-
Weight kg/m <sup>2</sup>	3,7 / 4,5	14,7 / 15,6	-	-
Open Area %	22 %	22 %	22 %	22 %
Color	RAL Color Anodized	Galvanized RAL Color	Natural	Natural Pre-patinated



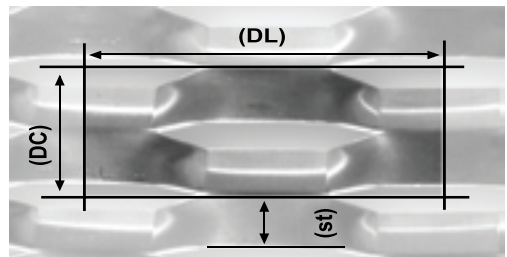
### Mesh Dimension

DL = Long Diagonal    st = Strand  
DC = Short Diagonal    th = Thickness

# CHIAVARI



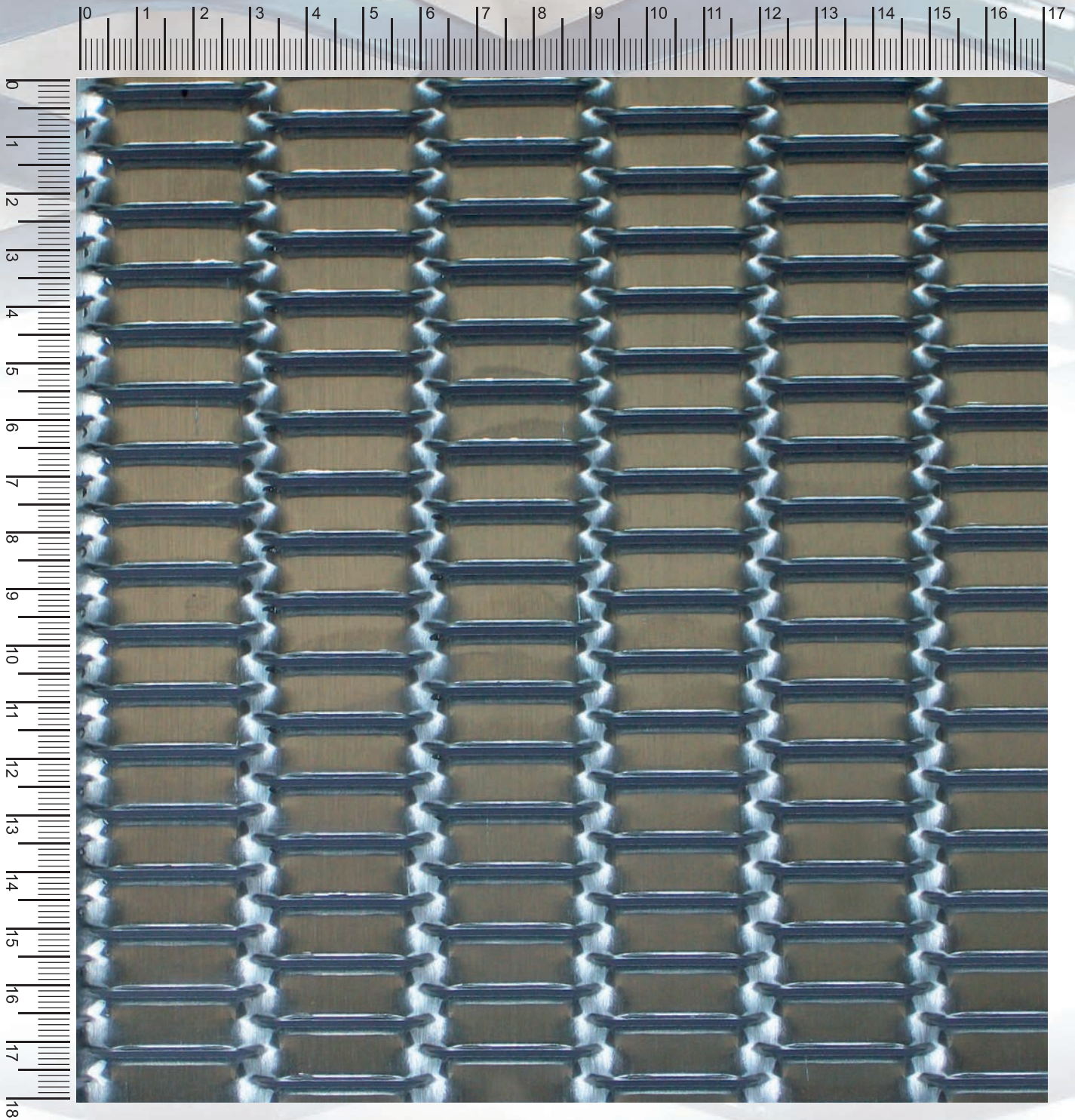
Characteristic:	Alluminium	Steel	Copper	Titanium Zinc
DL mm	45	45	-	-
DC mm	18	18	-	-
St mm	8	8	-	-
Th mm	1,5 / 2	1,5 / 2	-	-
Weight kg/m <sup>2</sup>	2,4 / 2,9	10,3 / 13,7	-	-
Open Area %	15 %	15 %	15 %	15 %
Color	RAL Color Anodized	Galvanized RAL Color	Natural	Natural Pre-patinated



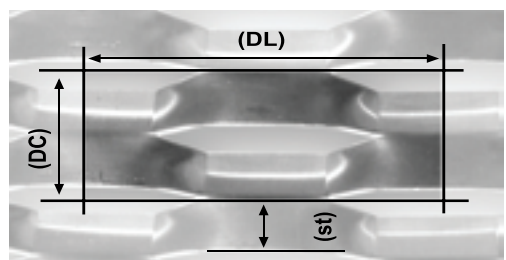
### Mesh Dimension

DL = Long Diagonal    st = Strand  
DC = Short Diagonal    th = Thickness

# CAMOGLI



Characteristic:	Alluminium	Steel	Copper	Titanium Zinc
DL mm	45	45	-	-
DC mm	8	8	-	-
St mm	3,5	3,5	-	-
Th mm	1	0,8	-	-
Weight kg/m•	3,2	6	-	-
Open Area %	14 %	14 %	14 %	14 %
Color	RAL Color Anodized	Galvanized RAL Color	Natural	Natural Pre-patinated



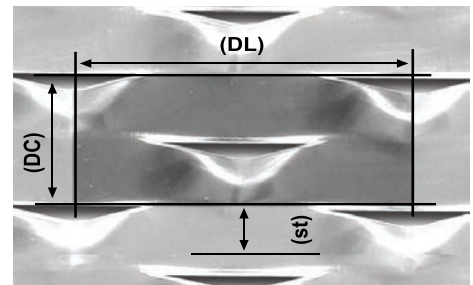
### Mesh Dimension

DL = Long Diagonal    st = Strand  
DC = Short Diagonal    th = Thickness

# PORTOCERVO



Characteristic:	Alluminium	Steel	Copper	Titanium Zinc
DL mm	85	85	-	-
DC mm	30	30	-	-
St mm	13	13	-	-
Th mm	1,5 / 2	1,5 / 2	-	-
Weight kg/m <sup>2</sup>	3,6 / 4,8	10,5 / 14,1	-	-
Open Area %	15 %	15 %	15 %	15 %
Color	RAL Color Anodized	Galvanized RAL Color	Natural	Natural Pre-patinated

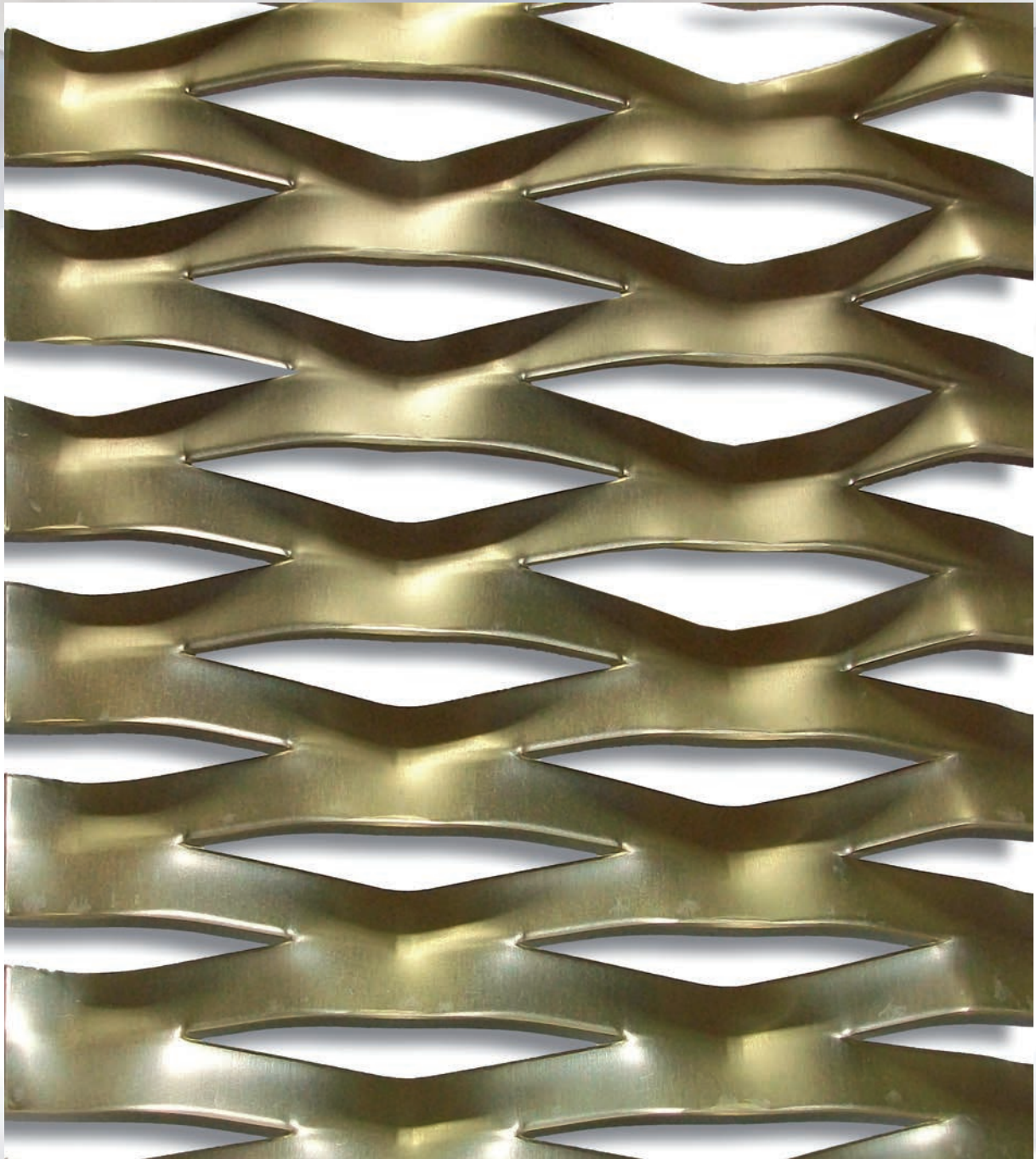


### Mesh Dimension

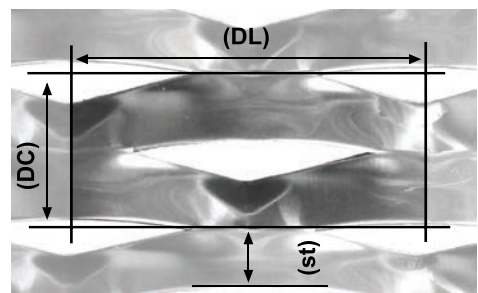
DL = Long Diagonal    st = Strand  
DC = Short Diagonal    th = Thickness



# POSITANO



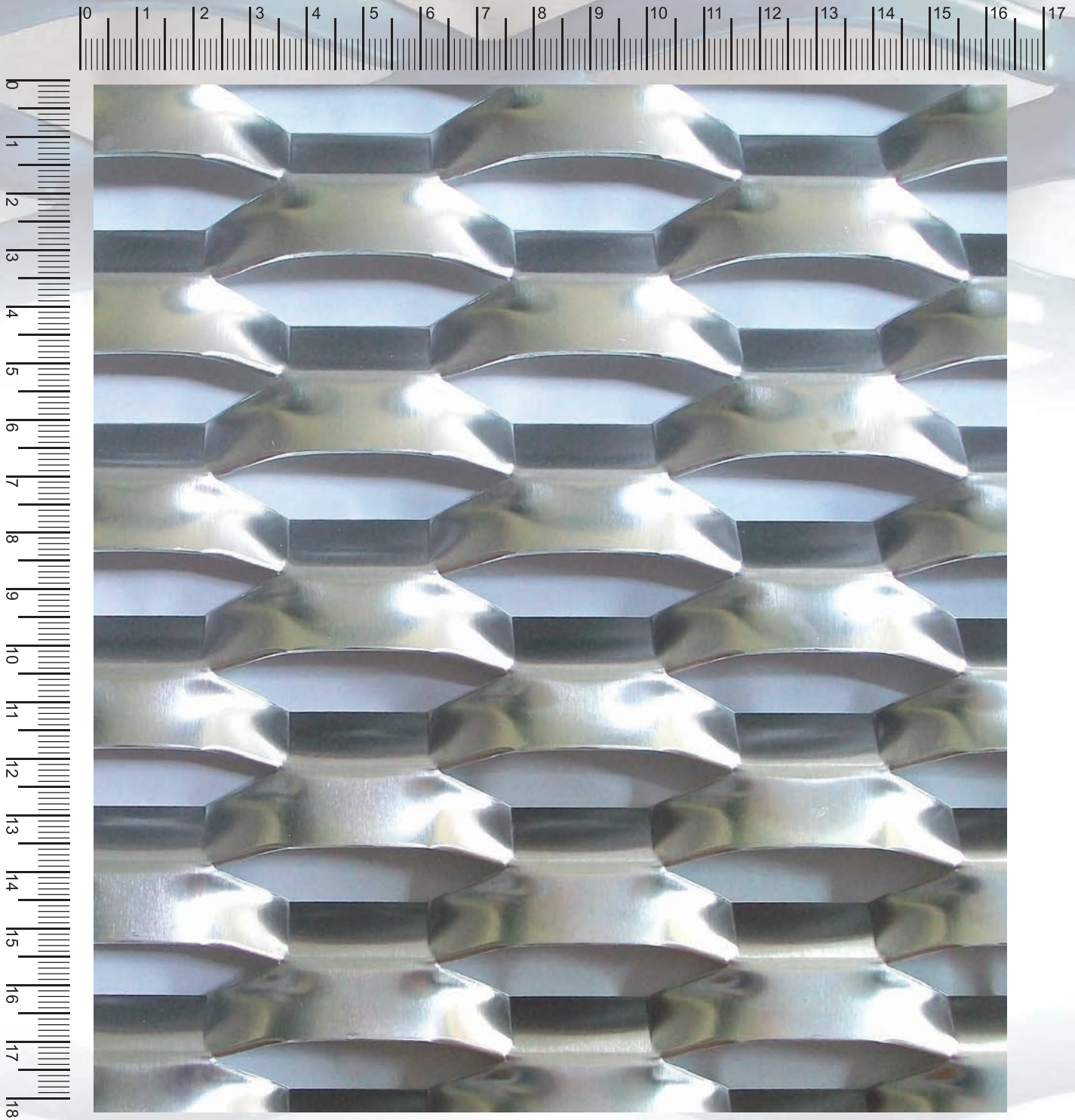
Characteristic:	Alluminium	Steel	Copper	Titanium Zinc
DL mm	100	100	-	-
DC mm	30	30	-	-
St mm	11	11	-	-
Th mm	1,5 / 2	1,5 / 2	-	-
Weight kg/m•	3,0 / 4,0	8,8 / 11,7	-	-
Open Area %	30%	30%	30%	30%
Color	RAL Color Anodized	Galvanized RAL Color	Natural	Natural Pre-patinated



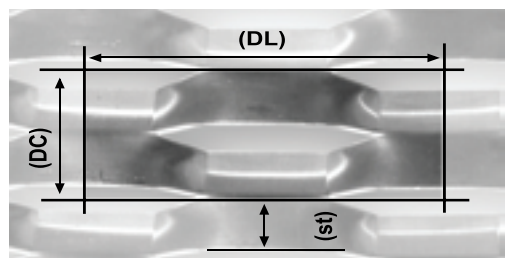
### Mesh Dimension

DL = Long Diagonal    st = Strand  
DC = Short Diagonal    th = Thickness

# PORTOVENERE



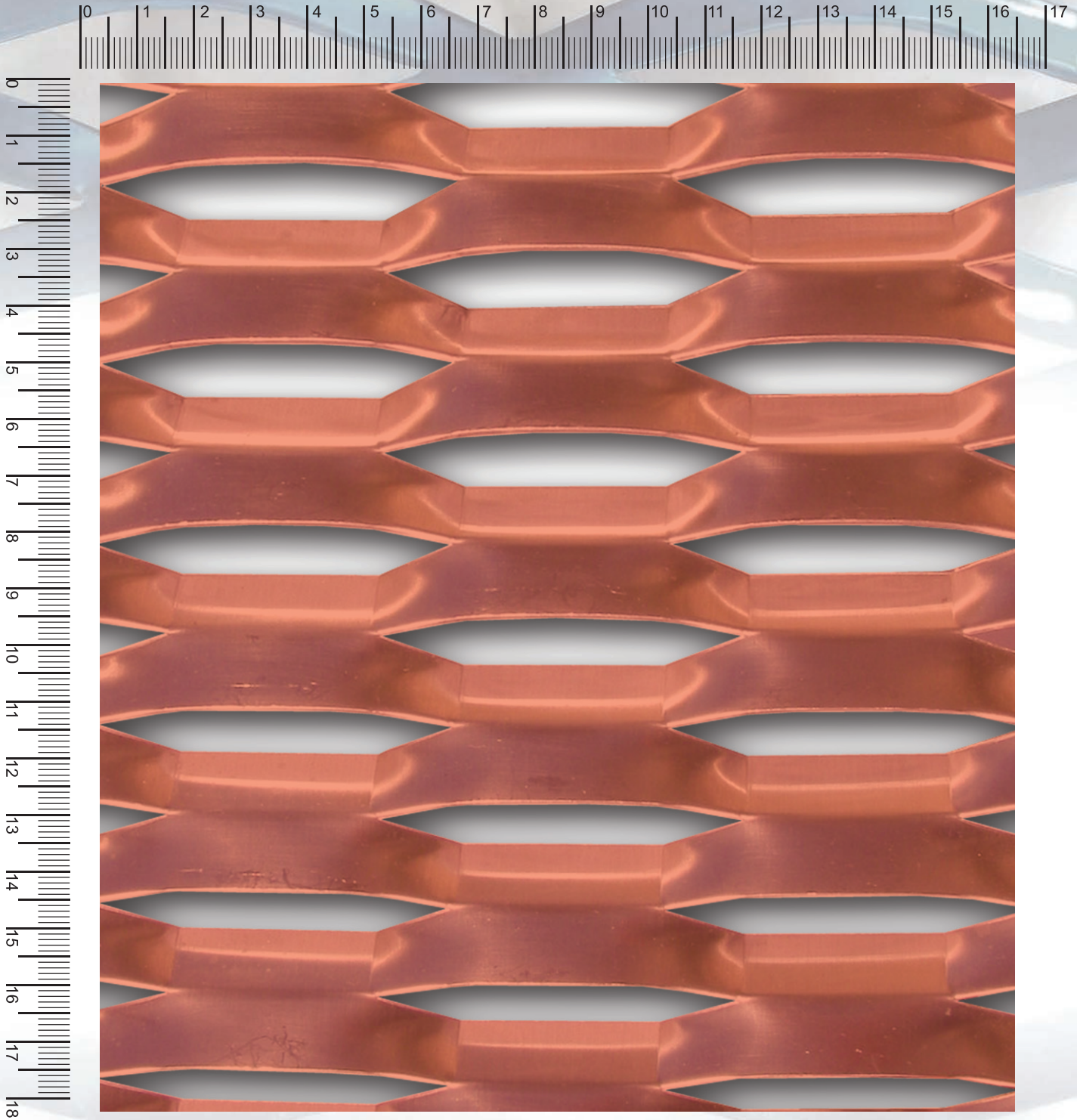
Characteristic:	Alluminium	Steel	Copper	Titanium Zinc
DL mm	80	80	80	80
DC mm	34	34	34	34
St mm	13	13	-	-
Th mm	1,5 / 2	1,0 / 1,5	-	-
Weight kg/m <sup>2</sup>	3,5 / 3,6	8,2 / 11,2	-	-
Open Area %	35%	35%	35%	35%
Color	RAL Color Anodized	Galvanized RAL Color	Natural	Natural Pre-patinated



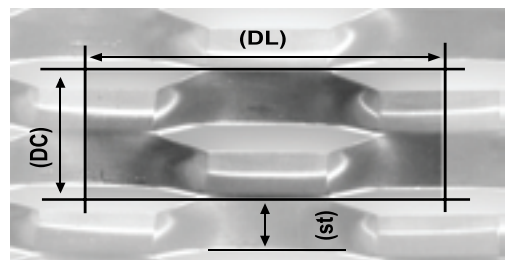
### Mesh Dimension

DL = Long Diagonal    st = Strand  
DC = Short Diagonal    th = Thickness

# STRESA



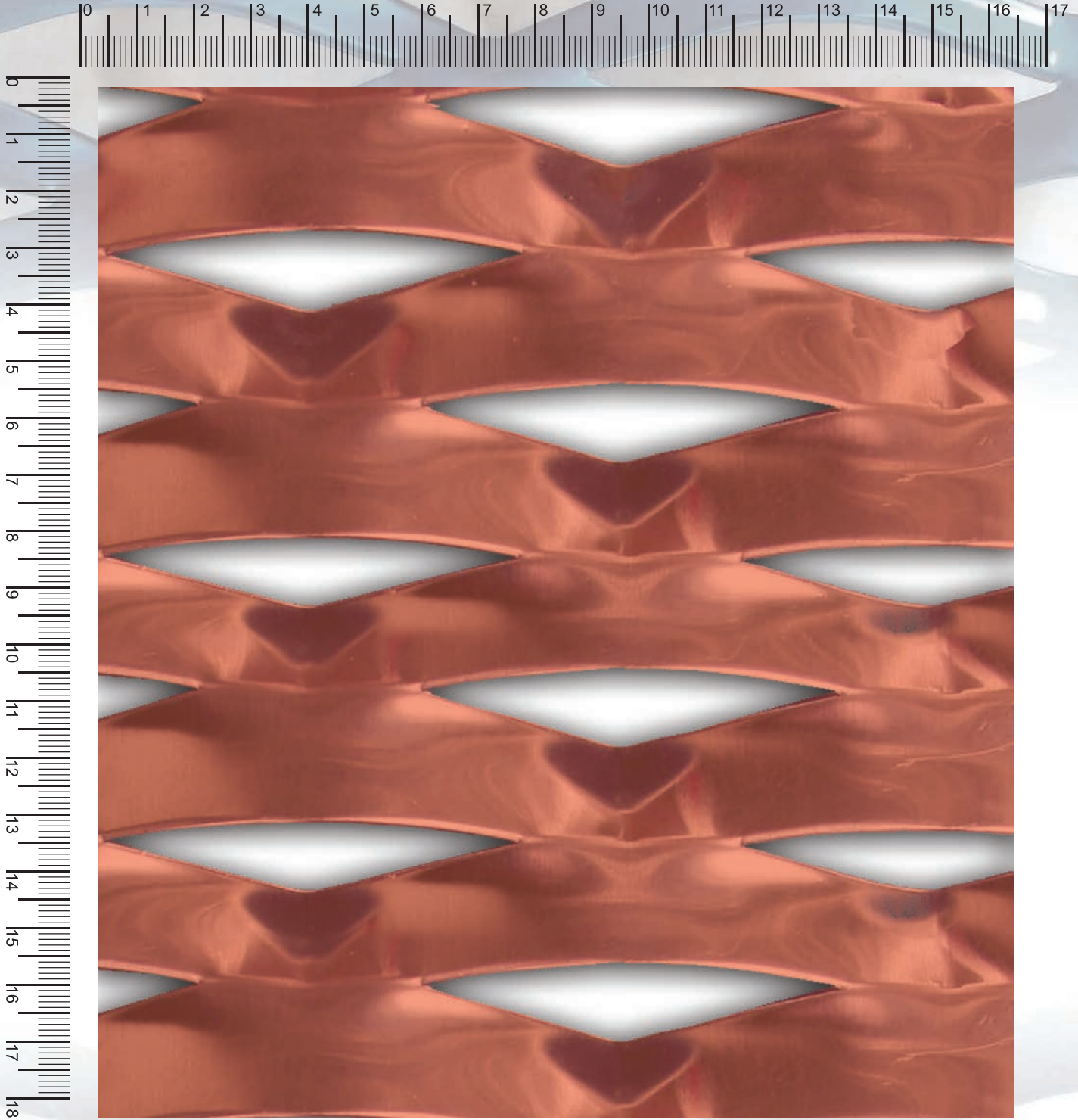
Characteristic:	Alluminium	Steel	Copper	Titanium Zinc
DL mm	100	100	100	100
DC mm	40 (34)	40 (34)	40 (34)	40 (34)
St mm	15	15	15	15
Th mm	1,5 / 2	1,5 / 2	-	-
Weight kg/m <sup>2</sup>	3,4 / 4,5	10,3 / 13,7	-	-
Open Area %	11,5%	11,5%	11,5%	11,5%
Color	RAL Color Anodized	Galvanized RAL Color	Natural	Natural Pre-patinated



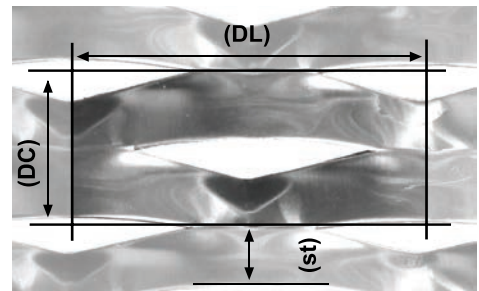
## Mesh Dimension

DL = Long Diagonal    st = Strand  
DC = Short Diagonal    th = Thickness

# ROMA



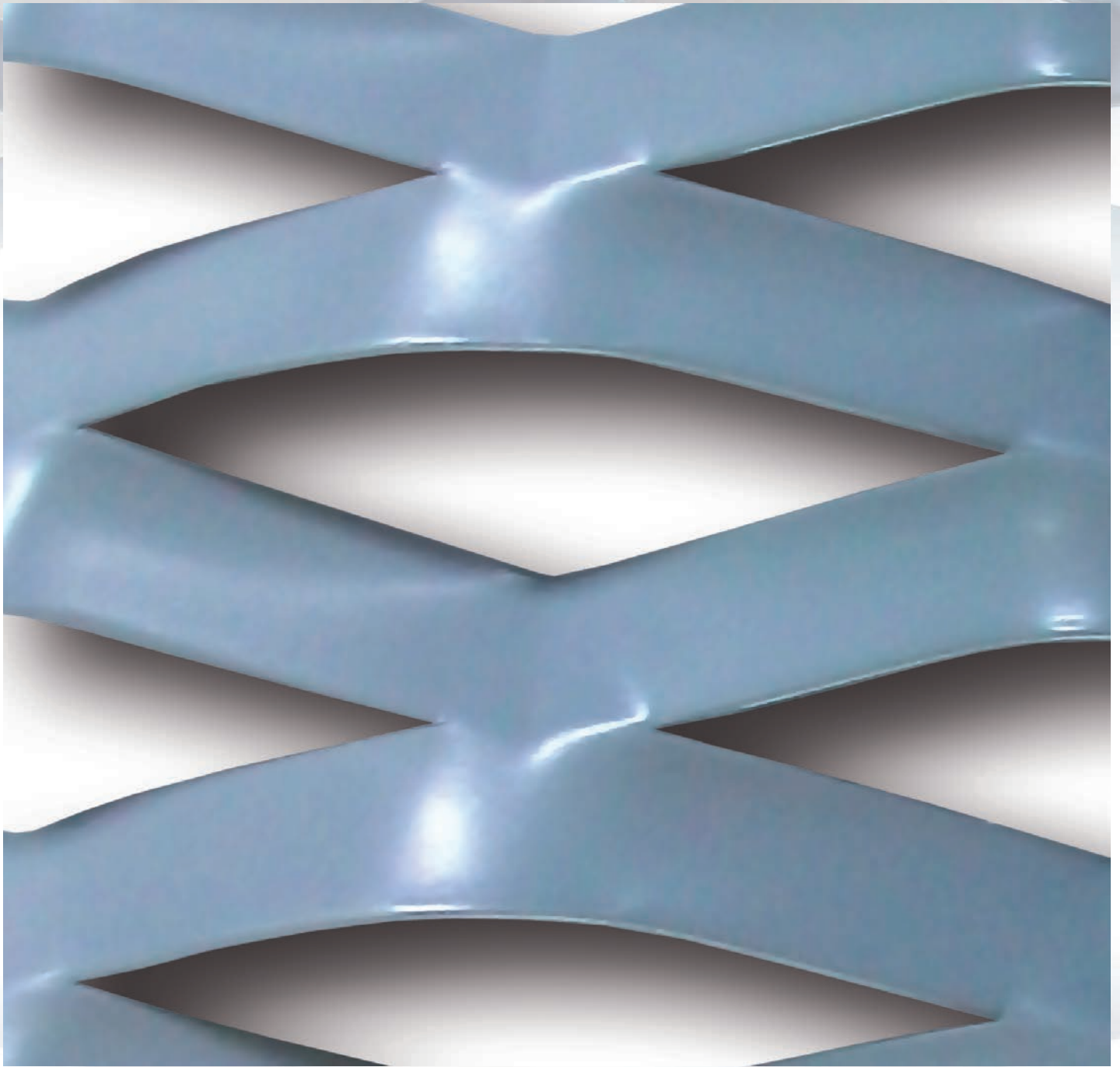
Characteristic:	Alluminium	Steel	Copper	Titanium Zinc
DL mm	110	110	110	110
DC mm	40 (52)	40 (52)	40 (52)	40 (52)
St mm	24	24	24	24
Th mm	1,5 / 2	1,5 / 2	-	-
Weight kg/m <sup>•</sup>	3,6 / 4,7	10,6 / 14,1	-	-
Open Area %	7,5	7,5	7,5	7,5
Color	RAL Color Anodized	Galvanized RAL Color	Natural	Natural Pre-patinated



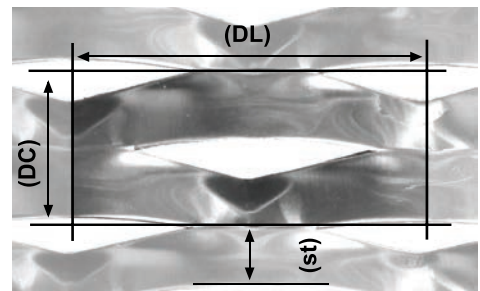
### Mesh Dimension

DL = Long Diagonal    st = Strand  
DC = Short Diagonal    th = Thickness

# AMALFI

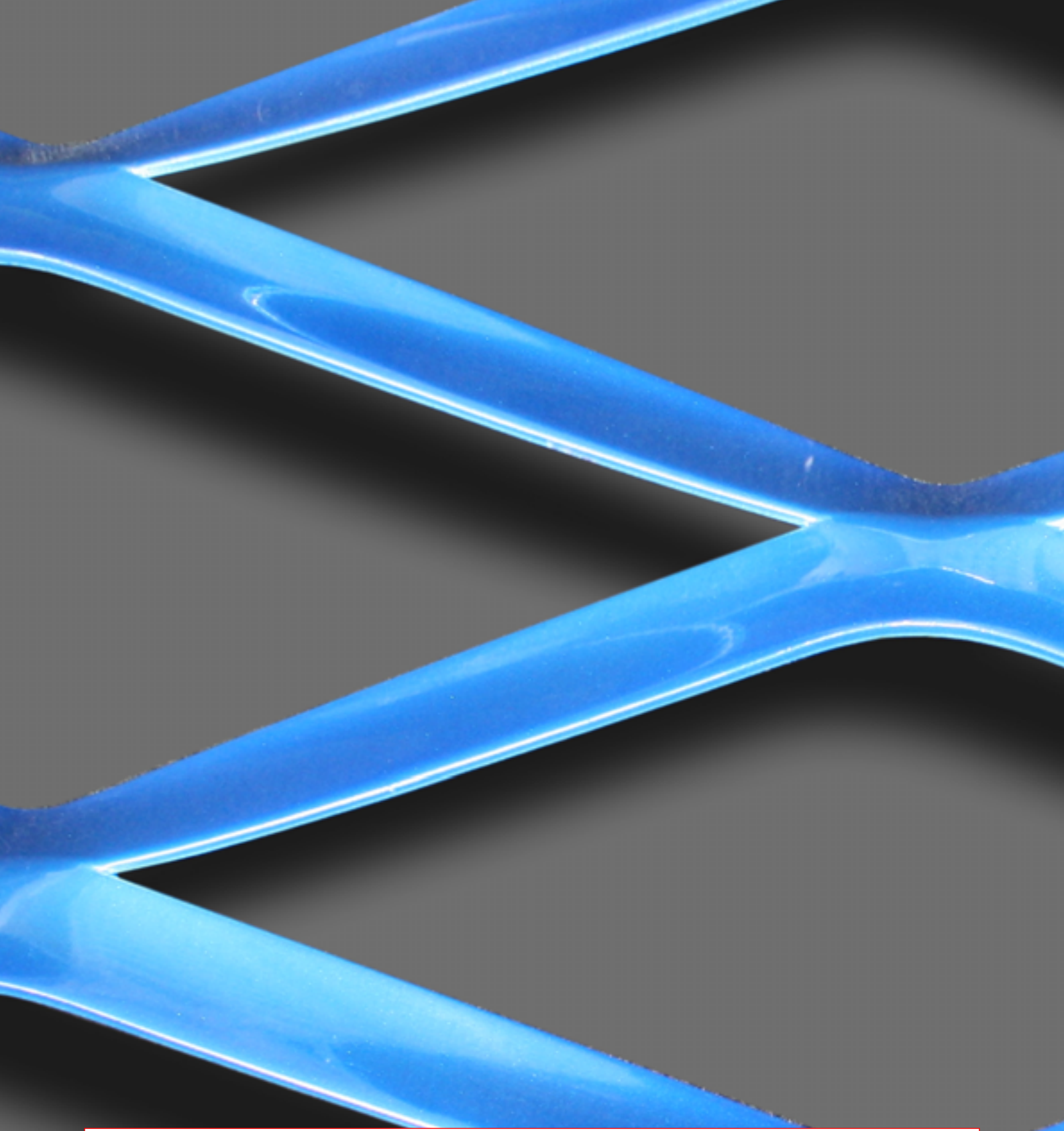


Characteristic:	Alluminium	Steel	Copper	Titanium Zinc
DL mm	200	200	-	-
DC mm	75	75	-	-
St mm	24	24	-	-
Th mm	1,5 / 2	1,5 / 2	-	-
Weight kg/m <sup>2</sup>	2,4 / 3,1	7,1 / 9,4	-	-
Open Area %	44%	44%	44%	44%
Color	RAL Color	Galvanized	Natural	Natural
	Anodized	RAL Color		Pre-patinated

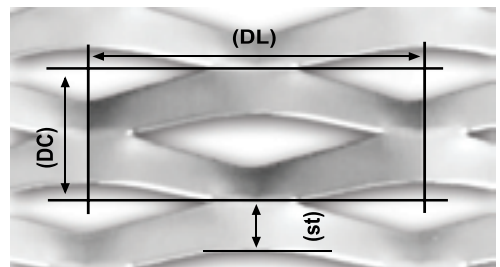


### Mesh Dimension

DL = Long Diagonal    st = Strand  
DC = Short Diagonal    th = Thickness

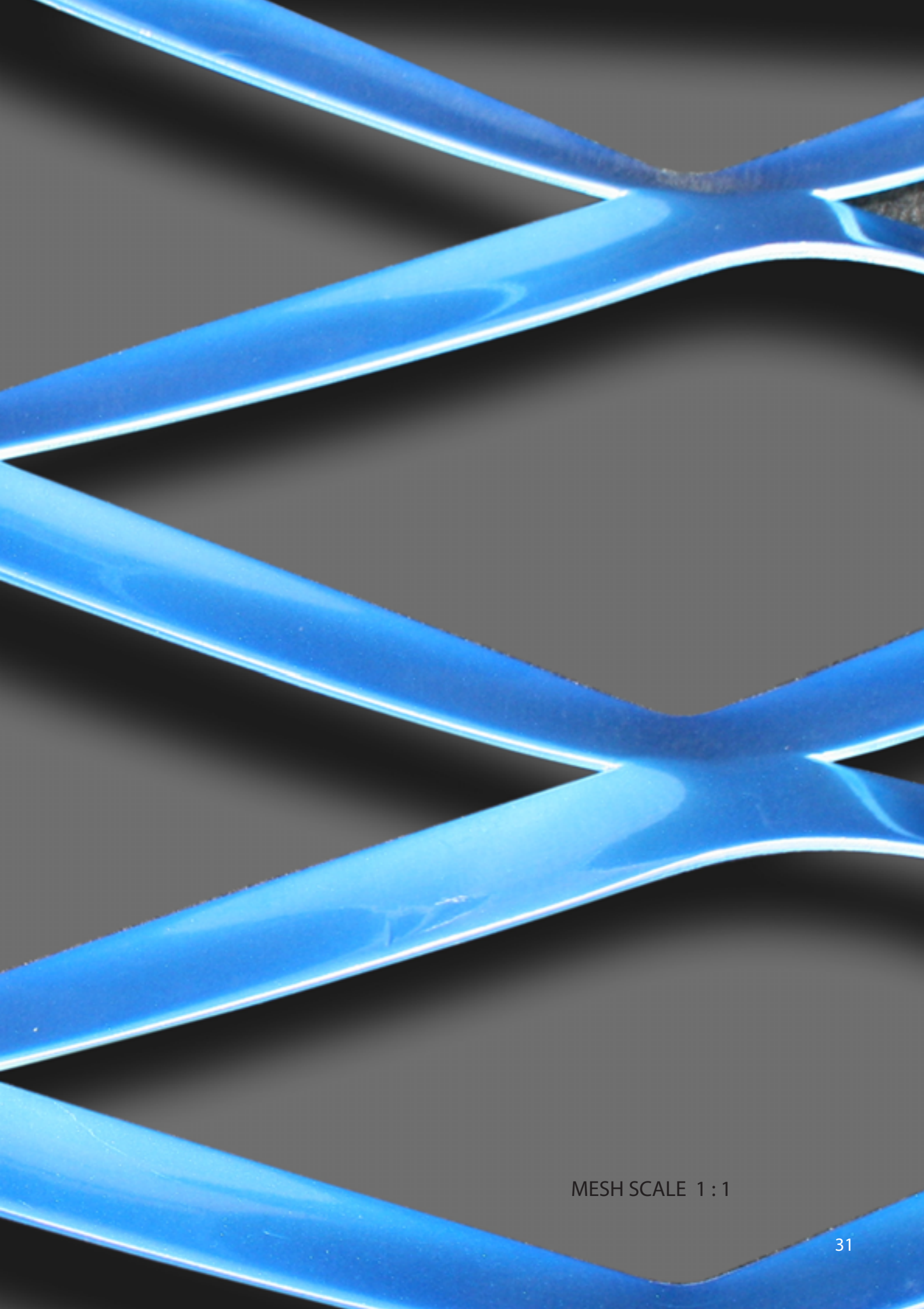


LONDON	Alluminium	Steel	Copper	Titanium Zinc
<b>DL</b> mm	400	400	400	400
<b>DC</b> mm	140	140	140	140
<b>St</b> mm	33	33	-	-
<b>Th</b> mm	2 / 3	2 / 3	-	-
Weight kg/m <sup>2</sup>	2,6/3,8	7,2/11	-	-
Open Area %	63 %	63 %	63 %	63 %
Color	RAL Color Anodized	Galvanized RAL Color	Natural	Natural Pre-patinated



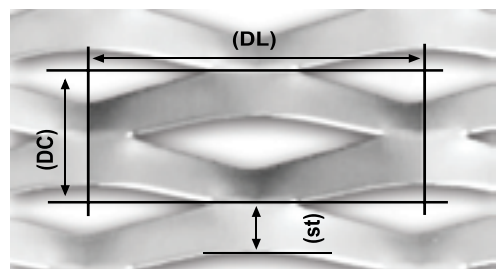
**Mesh Dimension**

**DL** = Long Diagonal    **st** = Strand  
**DC** = Short Diagonal    **th** = Thickness



MESH SCALE 1 : 1

NEW YORK	Alluminium	Steel	Copper	Titanium Zinc
<b>DL</b> mm	350	350	350	350
<b>DC</b> mm	120	120	120	120
<b>St</b> mm	33	33	-	-
<b>Th</b> mm	2 / 3	2 / 3	-	-
Weight kg/m <sup>2</sup>	3,0/4,5	8,6/12,9	-	-
Open Area %	53 %	53 %	53 %	53 %
Color	RAL Color Anodized	Galvanized RAL Color	Natural	Natural Pre-patinated



#### Mesh Dimension

**DL** = Long Diagonal    **st** = Strand  
**DC** = Short Diagonal    **th** = Thickness

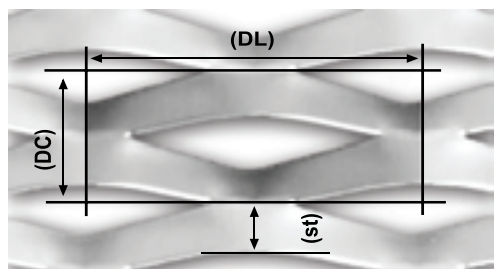




MESH SCALE 1 : 1



PARIS	Alluminium	Steel	Copper	Titanium Zinc
DL mm	400	400	400	400
DC mm	100	100	100	100
St mm	40	40	-	-
Th mm	2 / 3	2 / 3	-	-
Weight kg/m <sup>2</sup>	4,3/5,5	12,2/18,7	-	-
Open Area %	63 %	63 %	63 %	63 %
Color	RAL Color Anodized	Galvanized RAL Color	Natural	Natural Pre-patinated



**Mesh Dimension**

DL = Long Diagonal    st = Strand  
 DC = Short Diagonal    th = Thickness



MESH SCALE 1 : 1



**Natural Copper**  
*Rame Naturale*

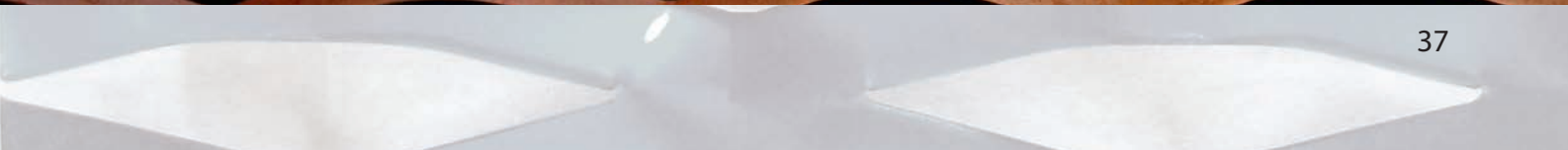
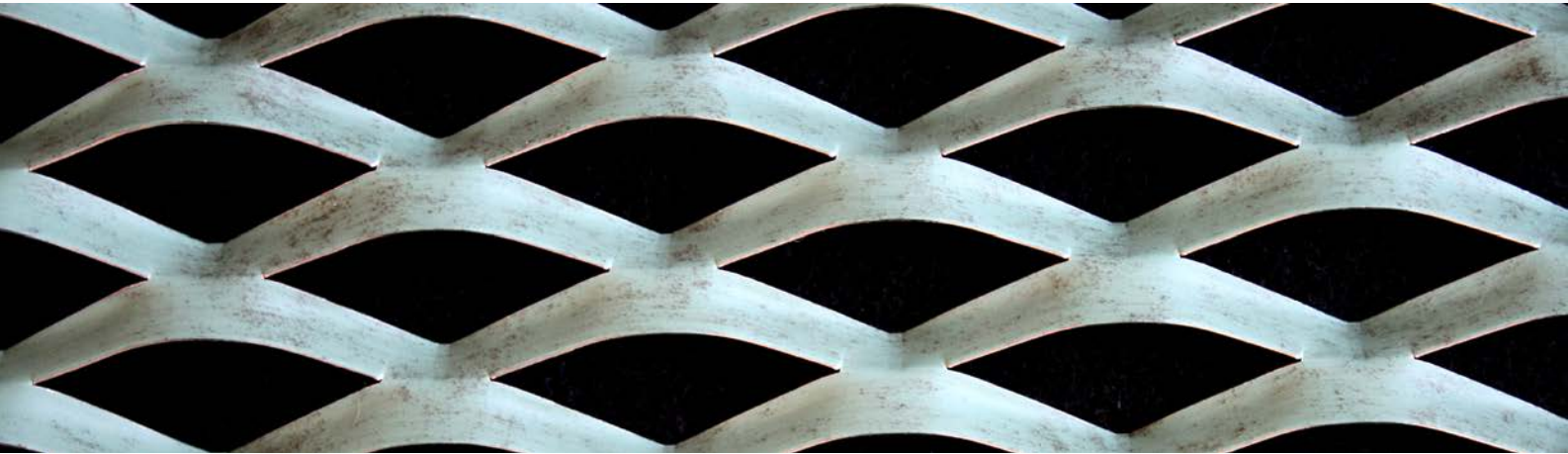
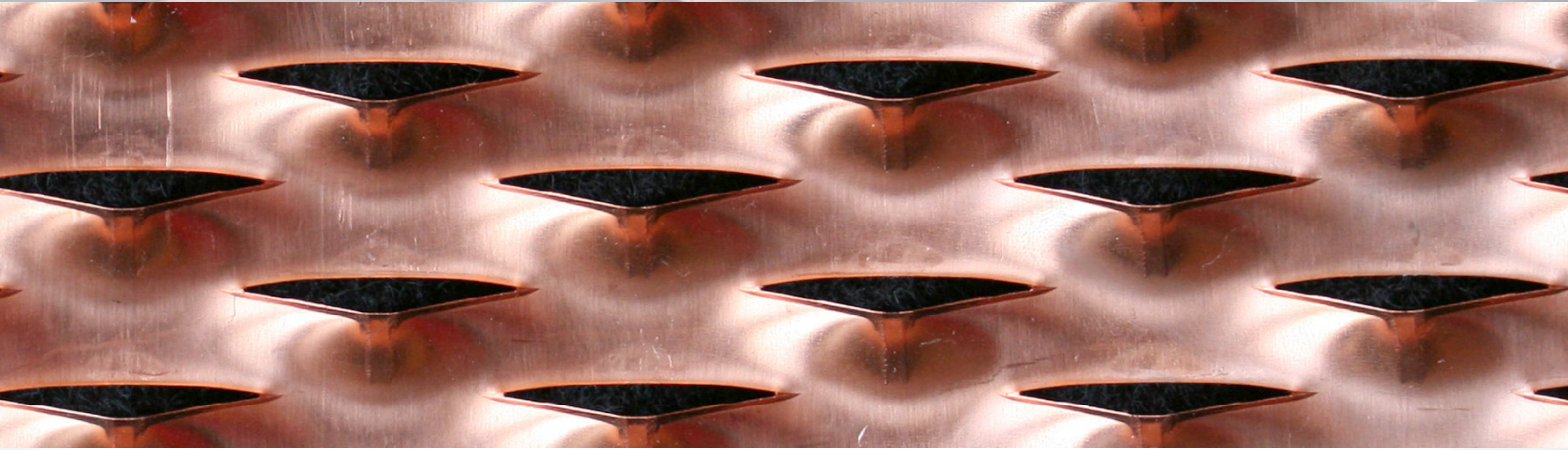
**Patinated aluminum verdigris**  
*Alluminio Patinato verderame*

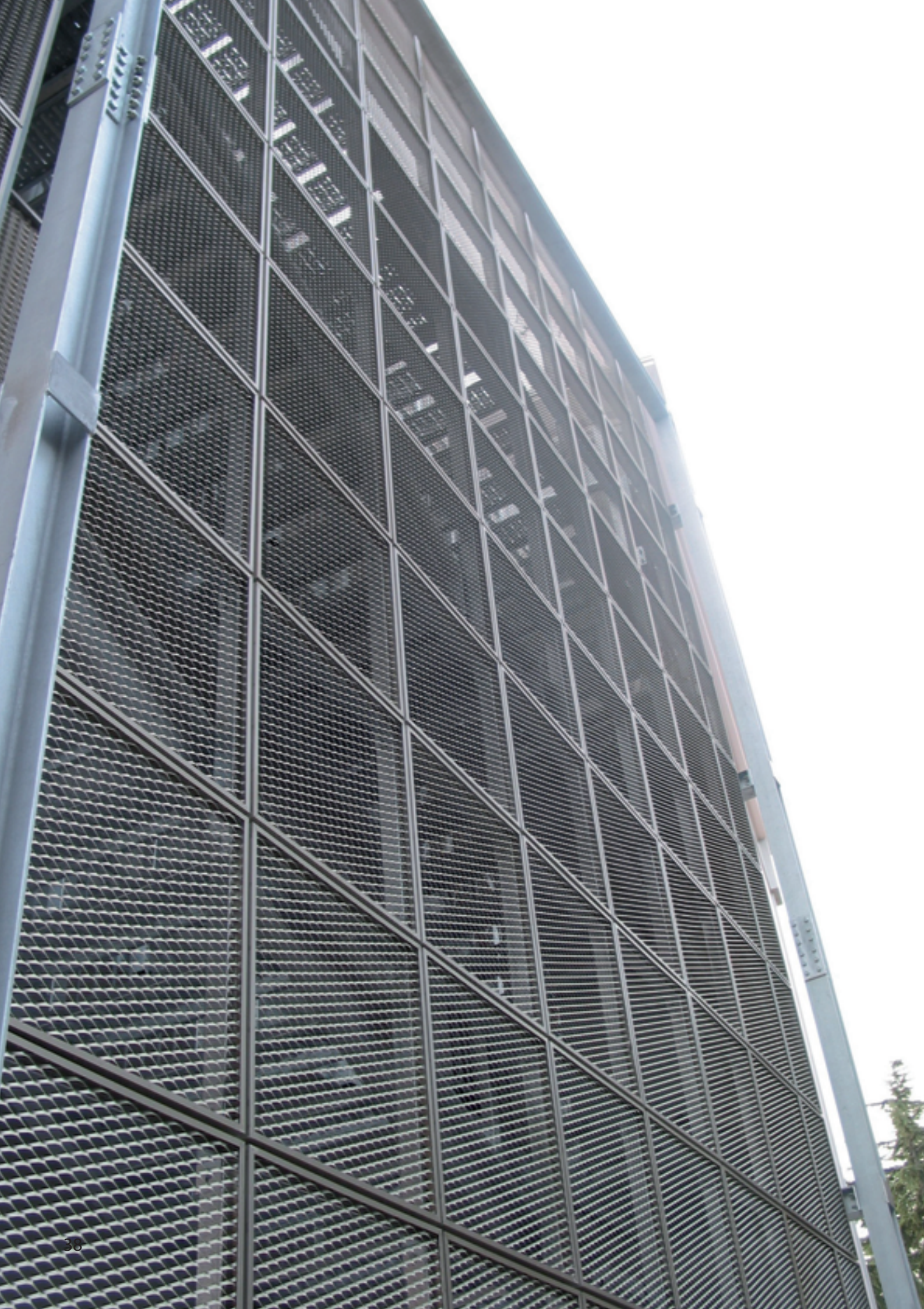
**Copper Patinated Aluminum**  
*Alluminio Patinato Rame*

**Corten**  
*Corten*



# SPECIAL MATERIALS







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innovation  
design

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