

Serge Visual Variants

TECHNICAL DATA SHEET
www.anutone.com/serge.htm



Serge Visual Variants

Serge Perfs (pages 4 – 6)

From the unperf to the microperf to megaperf, Serge metal ceilings from Anutone has it all. And now Anutone has branded the perf patterns to ensure high fidelity from design intent to product supply to project install. We are inspired by the star constellations in the Universe.

The perf patterns are executed on state-of-the-art computer-controlled machines that ensure consistency and quality to TIAM standards. What is TIAM? The gold standard for metal ceilings that is promoted by the industry comprising of major European manufacturers.

On the facing page are metal ceiling styles relevant to perf patterns. Of special interest is Serge Auriga for Clip-in style. Auriga is smallest perf possible in metal with acoustical properties and is almost invisible. The 0.7mm perf appears as 0.5mm due to polycoat aggregation. With Clip-in which means concealed suspension, Serge Auriga is the greatest for stunning aesthetics, highest light reflectance and good sound absorption.

Serge Colours (page 7)

Serge metal ceilings are available in the standard solid colours that include white, off-white and metallic grey. Serge is also available in custom colours to RAL or NCS specs.

New is Serge Salon – wood finishes in metal ceilings. All metal styles are now available in wood finish which is either a heat transfer print or a lamination. Standard are six wood finishes on shown and many more in custom are possible.



Serge Metal Ceiling

Metal Finishes

Serge is a wide range of metal finishing solutions for ceilings and walls. A delightful design proposition to the project ecosystem, it is a one-stop, single-source turnkey solution of finished panels in

- clip-in
- lay-in
- hook-on
- corridor planks
- strip
- open-cell
- beam-grid
- mesh
- curves & waves
- large-format
- specials



with suspension systems, perimeter trims, float options, bandrasters and bulkheads.

Solutions Approach

Anutone provides engineering solutions to projects that encounter complex and challenging situations such as junctions to glazing, mullions, spandrels, partitions or integration with

- air-conditioning
- lighting
- loudspeakers



Key Attributes

Serge panels provide a monolithic or grid appearance and allow for different architectural designs with or without gaps at the panel joints. Most Serge range of panels can be independently demounted, and, therefore provide easy access to the plenum.

Serge is available in different

- materials
 - dimensions
 - perforations
 - colours
- including screen or thermal printing of corporate brands and themes.



Applications

Serge metal solutions for ceilings and walls find use in architectural spaces that require a very robust, durable surface finish and easy to maintain like

- offices
- mechanical rooms
- hospitals
- production plants
- transport terminals - airports, railway stations, subways

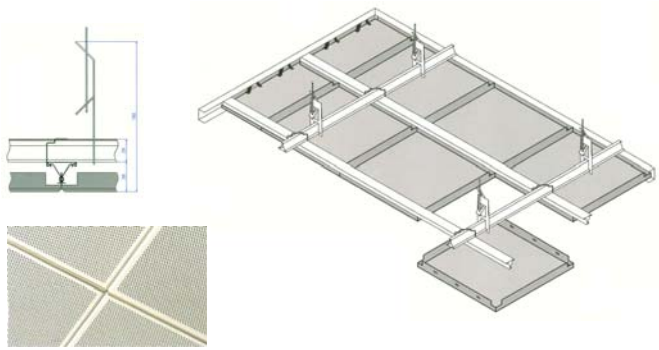


Highlights

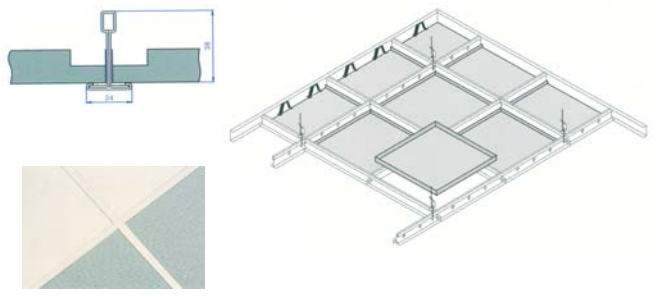
- Galvanized steel and aluminium material options
- Wide range of panel dimension
- Integration options for various ceiling systems

Metal Ceiling Types for Serge Perfs

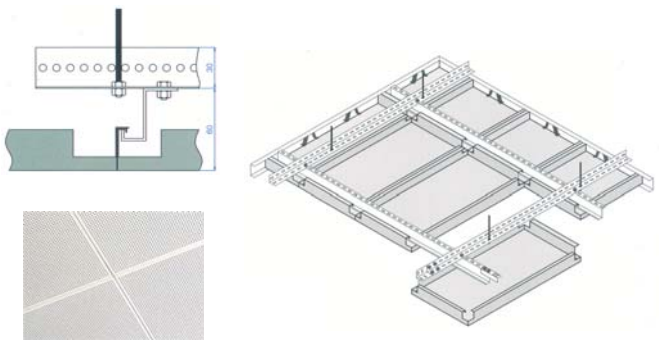
Clip-in



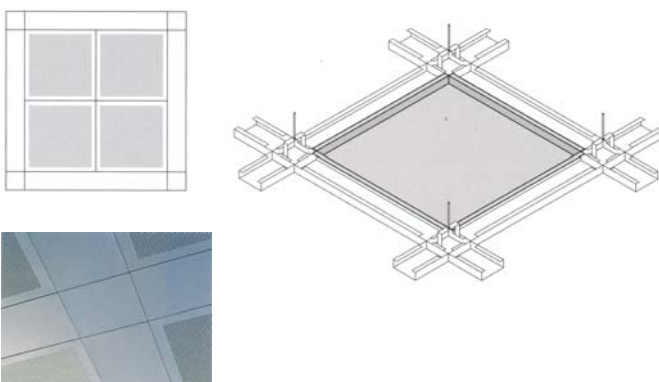
Lay-in



Hook-on



BeamGrid

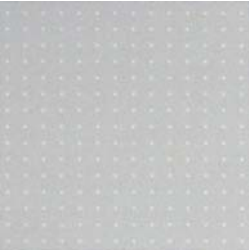


Aquila

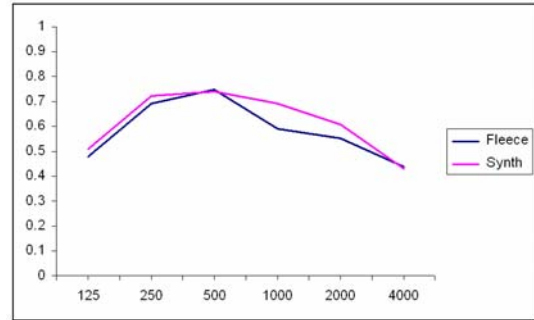


Surface		Plain
Perf (mm)		na
Pitch (mm)		na
Open (~%)		0
Pattern		na
Max thk	Gl	1.00
	Al	1.00
NRC	Fleece	na
	+Synth 10x25	na

Auriga

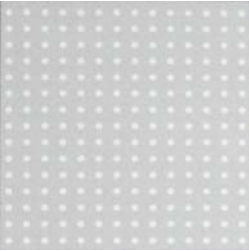


Surface		Perf
Perf (mm)		0.70
Pitch (mm)		4.00
Open (~%)		2.40
Pattern		Square
Max thk	Gl	0.60
	Al	0.70
NRC	Fleece	0.60
	+Synth 10x25	0.70



E200 mounting	Frequency (Hz)					
	125	250	500	1000	2000	4000
Fleece	0.48	0.69	0.75	0.59	0.55	0.44
Synth	0.51	0.72	0.74	0.69	0.61	0.43

Capela

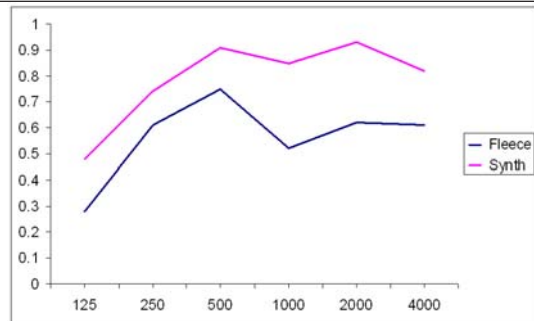


Surface		Perf
Perf (mm)		1.50
Pitch (mm)		4.00
Open (~%)		11.00
Pattern		Square
Max thk	Gl	0.70
	Al	0.70
NRC	Fleece	0.70
	+Synth 10x25	0.85

Cassia



Surface		Perf
Perf (mm)		1.50
Pitch (mm)		2.00/4.00
Open (~%)		22.00
Pattern		Diagonal
Max thk	Gl	0.70
	Al	0.70
NRC	Fleece	0.60
	+Synth 10x25	0.85



E200 mounting	Frequency (Hz)					
	125	250	500	1000	2000	4000
Fleece	0.28	0.61	0.75	0.52	0.62	0.61
Synth	0.48	0.74	0.91	0.85	0.93	0.82

Magela

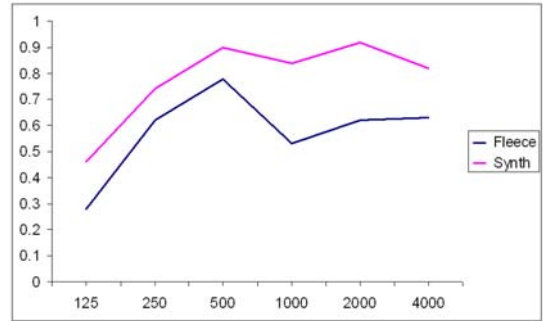


Surface		Perf
Perf (mm)		1.80
Pitch (mm)		5.00
Open (~%)		11.00
Pattern		Square
Max thk	Gl	0.70
	Al	1.00
NRC	Fleece	0.70
	+Synth 10x25	0.80

Mensa



Surface	Perf
Perf (mm)	1.80
Pitch (mm)	2.50/5.00
Open (~%)	21.00
Pattern	Diagonal
Max thk	GI 0.70 Al 1.00
NRC	Fleece 0.60 +Synth 10x25 0.85

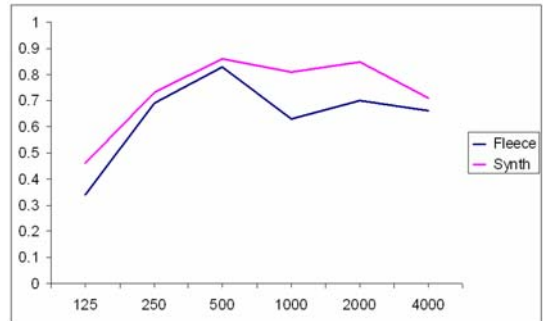


E200 mounting	Frequency (Hz)					
	125	250	500	1000	2000	4000
Fleece	0.28	0.62	0.78	0.53	0.62	0.63
Synth	0.46	0.74	0.9	0.84	0.92	0.82

Nebula



Surface	Perf
Perf (mm)	2.50
Pitch (mm)	5.50
Open (~%)	16.00
Pattern	Square
Max thk	GI 1.00 Al 1.00
NRC	Fleece 0.70 +Synth 10x25 0.85



E200 mounting	Frequency (Hz)					
	125	250	500	1000	2000	4000
Fleece	0.34	0.69	0.83	0.63	0.7	0.66
Synth	0.46	0.73	0.86	0.81	0.85	0.71

Norma

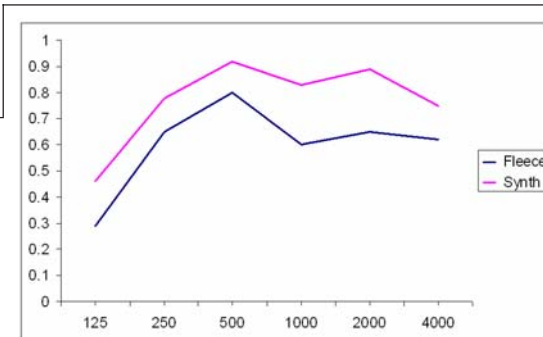


Surface	Perf
Perf (mm)	2.50
Pitch (mm)	2.75/5.50
Open (~%)	32.00
Pattern	Diagonal
Max thk	GI 0.70 Al 1.00
NRC	Fleece 0.60 +Synth 10x25 0.90

Columba



Surface	Perf
Perf (mm)	3.00
Pitch (mm)	8.00
Open (~%)	10.00
Pattern	Square
Max thk	GI 0.70 Al 0.70
NRC	Fleece na +Synth 10x25 na



E200 mounting	Frequency (Hz)					
	125	250	500	1000	2000	4000
Fleece	0.29	0.65	0.8	0.6	0.65	0.62
Synth	0.46	0.78	0.92	0.83	0.89	0.75

Corona



Surface	Perf
Perf (mm)	3.00
Pitch (mm)	4.00/8.00
Open (~%)	20.00
Pattern	Diagonal
Max thk	GI 0.70 Al 0.70
NRC	Fleece 0.65 +Synth 10x25 0.85

Perf Selector by hole dia

SI #	Name	Surface	Perf	Pitch	Open	Pattern	Max thk		NRC for E200	
			mm	mm	~%		GI	AI	Fleece	+Synth 10x25
1	Aquila	Plain	na	na	0	na	1.0	1.0	na	na
2	Auriga	Perf	0.7	4	2.4	Square	0.6	0.7	0.60	0.70
3	Capela	Perf	1.5	4	11	Square	0.7	0.7	0.70	0.85
4	Cassia	Perf	1.5	2/4	22	Diagonal	0.7	0.7	0.60	0.85
5	Magela	Perf	1.8	5	11	Square	0.7	1.0	0.70	0.80
6	Mensa	Perf	1.8	2.5/5	21	Diagonal	0.7	1.0	0.60	0.85
7	Nebula	Perf	2.5	5.5	16	Square	1.0	1.0	0.70	0.85
8	Norma	Perf	2.5	2.75/5.5	32	Diagonal	0.7	1.0	0.60	0.90
9	Columba	Perf	3.0	8	10	Square	0.7	0.7	na	na
10	Corona	Perf	3.0	4/8	20	Diagonal	0.7	0.7	0.65	0.85

Perf Selector by open area

SI #	Name	Surface	Perf	Pitch	Open	Pattern	Max thk		NRC for E200	
			mm	mm	~%		GI	AI	Fleece	+Synth 10x25
1	Aquila	Plain	na	na	0	na	1.0	1.0	na	na
2	Auriga	Perf	0.7	4	2.4	Square	0.6	0.7	0.60	0.70
3	Columba	Perf	3.0	8	10	Square	0.7	0.7	na	na
4	Capela	Perf	1.5	4	11	Square	0.7	0.7	0.70	0.85
5	Magela	Perf	1.8	5	11	Square	0.7	1.0	0.70	0.80
6	Nebula	Perf	2.5	5.5	16	Square	1.0	1.0	0.70	0.85
7	Corona	Perf	3.0	4/8	20	Diagonal	0.7	0.7	0.65	0.85
8	Mensa	Perf	1.8	2.5/5	21	Diagonal	0.7	1.0	0.60	0.85
9	Cassia	Perf	1.5	2/4	22	Diagonal	0.7	0.7	0.60	0.85
10	Norma	Perf	2.5	2.75/5.5	32	Diagonal	0.7	1.0	0.60	0.90

Perf Selector by NRC

SI #	Name	Surface	Perf	Pitch	Open	Pattern	Max thk		NRC for E200	
			mm	mm	~%		GI	AI	Fleece	+Synth 10x25
1	Auriga	Perf	0.7	4	2.4	Square	0.6	0.7	0.60	0.70
2	Cassia	Perf	1.5	2/4	22	Diagonal	0.7	0.7	0.60	0.85
3	Mensa	Perf	1.8	2.5/5	21	Diagonal	0.7	1.0	0.60	0.85
4	Norma	Perf	2.5	2.75/5.5	32	Diagonal	0.7	1.0	0.60	0.90
5	Corona	Perf	3.0	4/8	20	Diagonal	0.7	0.7	0.65	0.85
6	Capela	Perf	1.5	4	11	Square	0.7	0.7	0.70	0.85
7	Magela	Perf	1.8	5	11	Square	0.7	1.0	0.70	0.80
8	Nebula	Perf	2.5	5.5	16	Square	1.0	1.0	0.70	0.85
9	Aquila	Plain	na	na	0	na	1.0	1.0	na	na
10	Columba	Perf	3.0	8	10	Square	0.7	0.7	na	na

Serge Colours

SERGE SOLIDS



RAL 9010



RAL 9002



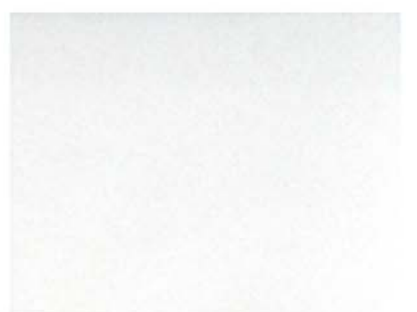
RAL 9016



RAL 9005



RAL 9006



RAL 9003

SERGE SALON - wood finishes



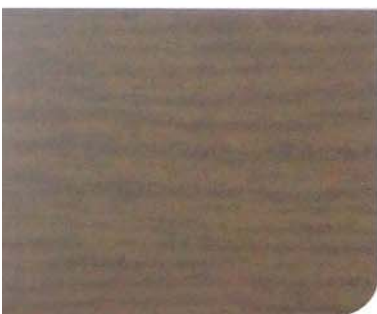
101-V13



104-V1



101-V1



108-V3



103-V7



102-V1



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