Rigips®

Pannelli acustici

Proprietà acustiche, forometria e raffigurazione schematica dei pannelli acustici.



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SAINT-GOBAIN

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Concetti tecnici e parametri di acustica architettonica

Assorbimento acustico, coefficienti di assorbimento acustico α e α_s
L'assorbimento acustico descrive la capacità di dissipare l'energia sonora presente in un locale tramite conversione in un'altra forma di energia.
Il coefficiente di assorbimento acustico indica il rapporto tra l'energia sonora non riflessa da una superficie e l'energia sonora incidente.
Riflessione totale α = 0
Assorbimento totale α = 1
Il coefficiente di assorbimento acustico α_s è il valore della capacità fonoassorbente di un materiale in dipendenza della frequenza.
α_s si misura in bande di terzi di ottava mediante prove acustiche in camere riverberanti ai sensi della norma EN ISO 354.

Coefficiente di assorbimento acustico pratico α_p
Il coefficiente di assorbimento acustico pratico α_p è il valore della capacità fonoassorbente (dipendente dalla frequenza) espresso in bande di ottava. Per determinare α_p si convertono in bande di ottava i valori α_s conformemente alla norma EN ISO 11654.
Esempio per 250 Hz:

$$\alpha_{p250} = \frac{\alpha_{s200} + \alpha_{s250} + \alpha_{s315}}{3}$$

Il coefficiente di assorbimento acustico pratico si arrotonda a passi di 0,05 fino a un limite massimo di 1,00.

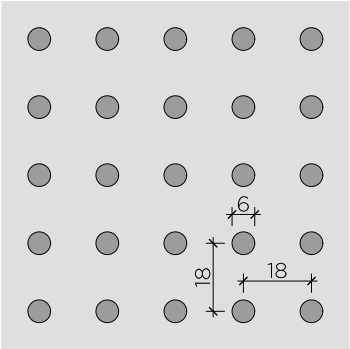
Percentuale di foratura / Geometria dei fori
In linea di principio la scelta del tipo di forometria influisce anche sulle proprietà acustiche della struttura sospesa. Di regola, ad esempio, l'incremento della percentuale di foratura porta anche a un aumento dell'assorbimento acustico. Tuttavia in presenza di percentuali di foratura superiori al 25% i valori cambiano soltanto in misura ridotta.

Altezza di sospensione / Intercapedine
Oltre alla tipologia dei fori, un'influenza decisiva sulle proprietà acustiche del soffitto ha anche l'intercapedine, vale a dire lo spazio aereo compreso tra il solaio grezzo e il lato superiore del controsoffitto acustico. Nel caso di altezze di sospensione contenute (< 100 mm) la curva di assorbimento acustico si sposta in direzione del campo delle medie e alte frequenze. Un incremento dell'altezza di sospensione porta invece all'aumento dell'assorbimento acustico nel campo delle basse frequenze. Questo effetto scompare tuttavia in presenza di altezze di sospensione ≥ 500 mm.

Velo acustico
Tutti i sistemi Rigips per controsoffitti acustici sono corredati di serie di un velo acustico sul retro del pannello e assicurano così un'acustica ottimale nei locali laddove il rumore incidente è dovuto in prima linea alla voce umana, ad es. uffici, scuole, asili, sale conferenza e sale riunioni.

Materassino di lana minerale
Specialmente nel campo delle basse frequenze i materassini in lana minerale portano a un miglioramento dell'assorbimento acustico. Per questa ragione nei controsoffitti con altezza di sospensione ridotta e laddove si utilizzino sistemi assorbenti a parete dovrebbe essere sempre predisposto l'inserimento di un tale materassino.

Rigiton® Ambiance Primeline AP-RL 6/18

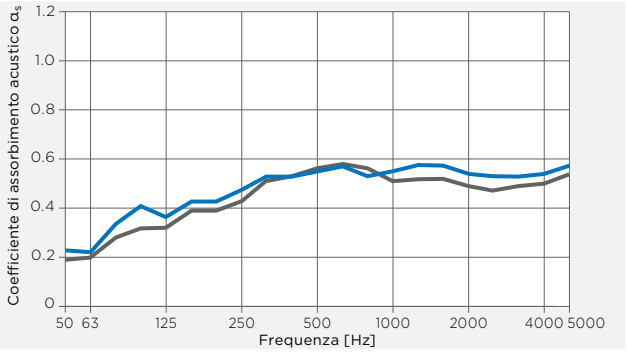


Spessore pannello: 12.5 mm

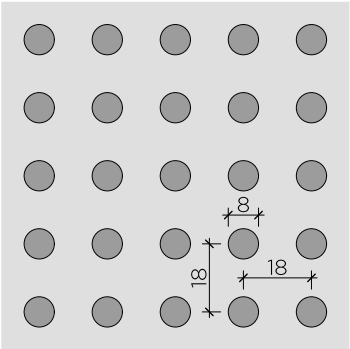
Massa per superficie: 9.1 kg/m²

Percentuale di foratura: 8.7 %

Reazione al fuoco secondo DIN EN 13501: A2-s1, d0



Rigiton® Ambiance Primeline AP-RL 8/18

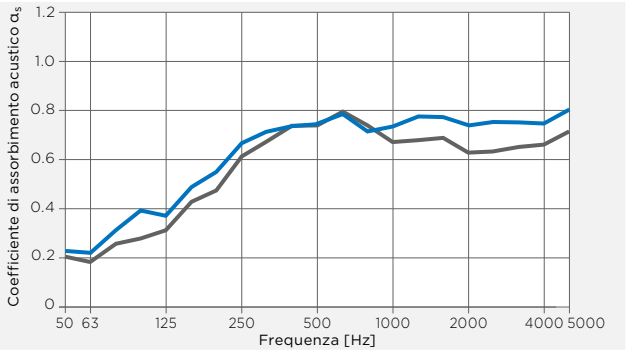


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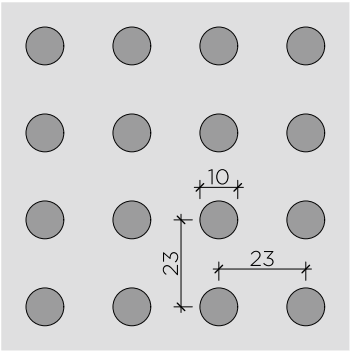
Massa per superficie: 8.5 kg/m²

Percentuale di foratura: 15.5 %

Reazione al fuoco secondo DIN EN 13501: A2-s1, d0



Rigiton® Ambiance Primeline AP-RL 10/23

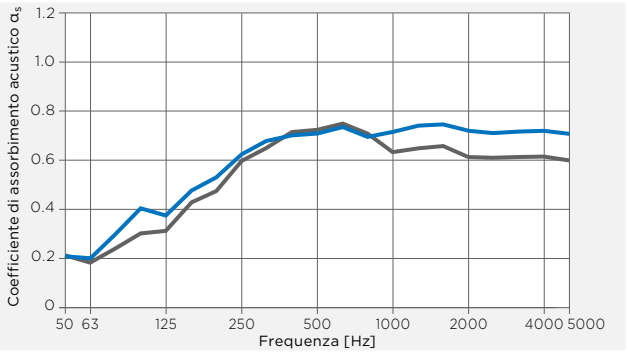


Spessore pannello: 12.5 mm

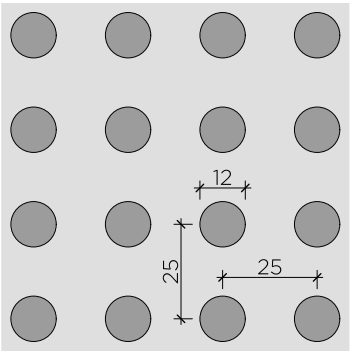
Massa per superficie: 8.5 kg/m²

Percentuale di foratura: 14.8 %

Reazione al fuoco secondo DIN EN 13501: A2-s1, d0



Rigiton® Ambiance Primeline AP-RL 12/25

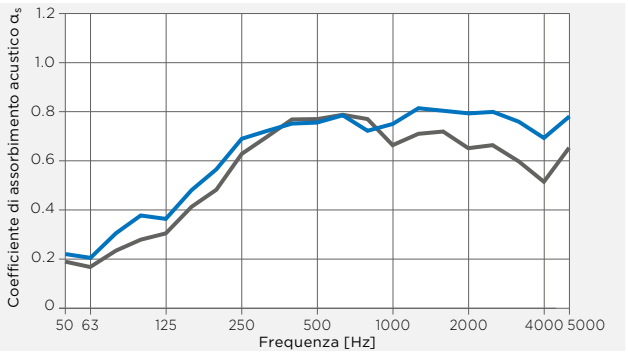


Spessore pannello: 12.5 mm

Massa per superficie: 8.2 kg/m²

Percentuale di foratura: 18.1 %

Reazione al fuoco secondo DIN EN 13501: A2-s1, d0



Altezza intercapedine 200 mm, isolamento in lana minerale 30 mm

Altezza intercapedine 200 mm, senza isolamento

Altezza di sospensione	Isolamento	Intercapedine	α_w*	Coefficiente di assorbimento acustico α_p per frequenza					
mm	mm	mm		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
78	-	65	0.50	0.15	0.25	0.45	0.60	0.50	0.40
78	30	65	0.55	0.30	0.45	0.50	0.55	0.50	0.50
113	-	100	0.55	0.20	0.45	0.60	0.60	0.50	0.45
113	30	100	0.60	0.35	0.55	0.60	0.60	0.50	0.50
213	-	200	0.55	0.35	0.45	0.55	0.55	0.50	0.50
213	30	200	0.55	0.40	0.50	0.55	0.55	0.55	0.55
413	-	400	0.55	0.40	0.55	0.55	0.55	0.55	0.50
413	30	400	0.60	0.40	0.55	0.55	0.60	0.60	0.55

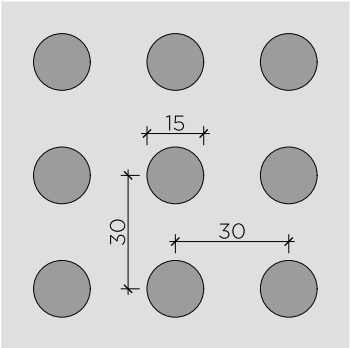
Altezza di sospensione	Isolamento	Intercapedine	α_w*	Coefficiente di assorbimento acustico α_p per frequenza					
mm	mm	mm		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
78	-	65	0.55	0.10	0.25	0.60	0.80	0.70	0.55
78	30	65	0.75	0.25	0.50	0.70	0.80	0.75	0.65
113	-	100	0.70	0.20	0.50	0.75	0.80	0.60	0.60
113	30	100	0.75	0.30	0.70	0.80	0.80	0.70	0.65
213	-	200	0.70	0.35	0.60	0.75	0.70	0.65	0.65
213	30	200	0.75	0.40	0.65	0.75	0.75	0.75	0.75
413	-	400	0.70	0.50	0.70	0.65	0.80	0.65	0.65
413	30	400	0.75	0.50	0.65	0.70	0.80	0.75	0.75

Altezza di sospensione	Isolamento	Intercapedine	α_w*	Coefficiente di assorbimento acustico α_p per frequenza					
mm	mm	mm		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
78	-	65	0.55	0.10	0.25	0.60	0.70	0.70	0.55
78	30	65	0.65	0.25	0.45	0.65	0.70	0.65	0.65
113	-	100	0.64	0.20	0.50	0.75	0.80	0.60	0.55
113	30	100	0.75	0.30	0.65	0.80	0.75	0.70	0.65
213	-	200	0.70	0.35	0.55	0.75	0.65	0.65	0.60
213	30	200	0.70	0.40	0.60	0.70	0.70	0.70	0.70
413	-	400	0.70	0.50	0.70	0.65	0.70	0.65	0.60
413	30	400	0.75	0.50	0.65	0.70	0.80	0.75	0.70

Altezza di sospensione	Isolamento	Intercapedine	α_w*	Coefficiente di assorbimento acustico α_p per frequenza					
mm	mm	mm		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
78	-	65	0.55	0.10	0.25	0.60	0.80	0.75	0.50
78	30	65	0.70	0.20	0.45	0.70	0.75	0.80	0.60
113	-	100	0.70	0.20	0.50	0.75	0.85	0.65	0.55
113	30	100	0.80	0.30	0.70	0.85	0.85	0.75	0.65
213	-	200	0.70	0.35	0.60	0.80	0.70	0.70	0.60
213	30	200	0.80	0.40	0.65	0.75	0.75	0.80	0.75
413	-	400	0.70	0.50	0.75	0.65	0.70	0.70	0.60
413	30	400	0.80	0.50	0.70	0.70	0.85	0.80	0.75

* Coefficente di assorbimento acustio ponderato

Rigiton® Ambiance Primeline AP-RL 15/30

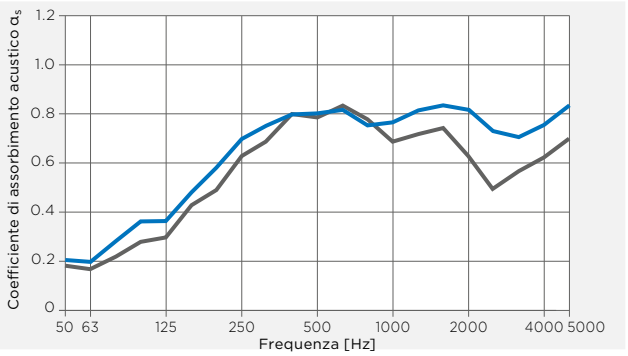


Spessore pannello: 12.5 mm

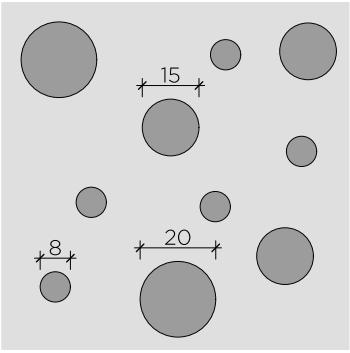
Massa per superficie: 8.0 kg/m²

Percentuale di foratura: 19.6 %

Reazione al fuoco secondo DIN EN 13501: A2-s1, d0



Rigiton® Ambiance Primeline AP-SL/RL 8/15/20

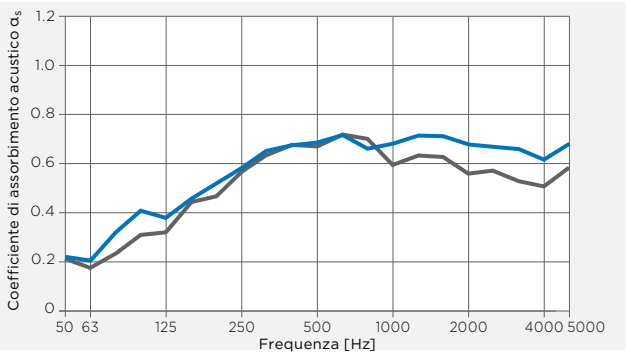


Spessore pannello: 12.5 mm

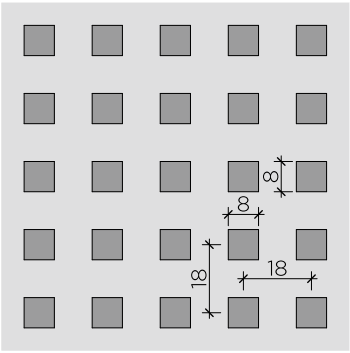
Massa per superficie: 9.1 kg/m²

Percentuale di foratura: 9.5 %

Reazione al fuoco secondo DIN EN 13501: A2-s1, d0



Rigiton® Ambiance Primeline AP-QL 8/18

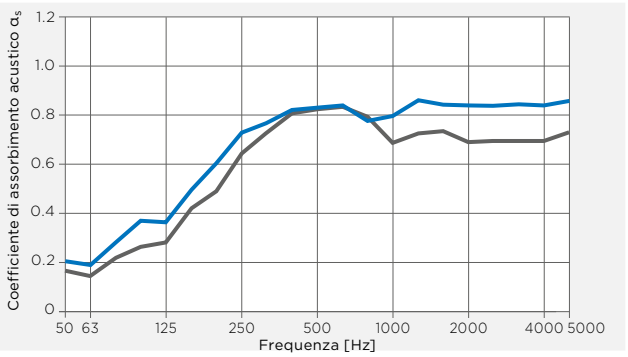


Spessore pannello: 12.5 mm

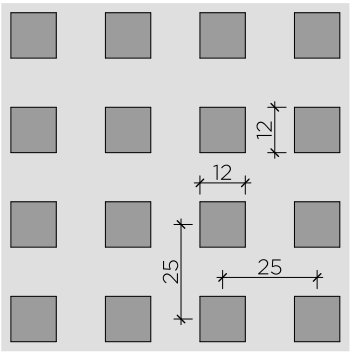
Massa per superficie: 8.0 kg/m²

Percentuale di foratura: 19.8 %

Reazione al fuoco secondo DIN EN 13501: A2-s1, d0



Rigiton® Ambiance Primeline AP-QL 12/25

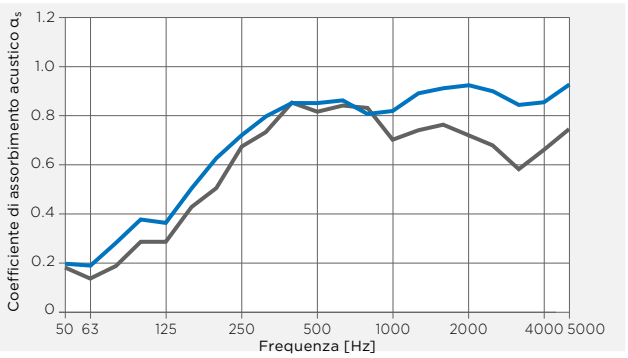


Spessore pannello: 12.5 mm

Massa per superficie: 7.7 kg/m²

Percentuale di foratura: 23.0 %

Reazione al fuoco secondo DIN EN 13501: A2-s1, d0



Altezza intercapedine 200 mm, isolamento in lana minerale 30 mm

Altezza intercapedine 200 mm, senza isolamento

Altezza di sospensione	Isolamento	Intercapedine	α_w*	Coefficiente di assorbimento acustico α_p per frequenza					
mm	mm	mm		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
78	-	65	0.55	0.10	0.25	0.60	0.85	0.65	0.60
78	30	65	0.75	0.20	0.50	0.75	0.80	0.70	0.70
113	-	100	0.70	0.20	0.50	0.75	0.85	0.65	0.55
113	30	100	0.85	0.30	0.70	0.90	0.85	0.80	0.70
213	-	200	0.75	0.35	0.60	0.80	0.75	0.65	0.65
213	30	200	0.80	0.40	0.70	0.80	0.80	0.80	0.75
413	-	400	0.70	0.50	0.75	0.70	0.75	0.65	0.60
413	30	400	0.85	0.50	0.75	0.75	0.85	0.85	0.75

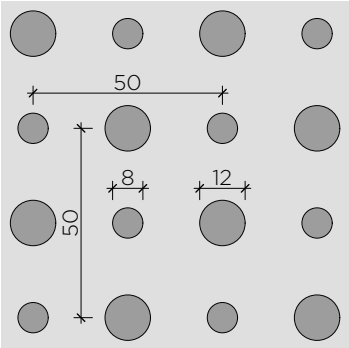
Altezza di sospensione	Isolamento	Intercapedine	α_w*	Coefficiente di assorbimento acustico α_p per frequenza					
mm	mm	mm		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
78	-	65	0.50	0.10	0.25	0.50	0.60	0.45	0.40
78	30	65	0.55	0.30	0.40	0.55	0.55	0.50	0.40
113	-	100	0.50	0.20	0.50	0.65	0.65	0.45	0.40
113	30	100	0.50	0.35	0.60	0.65	0.60	0.45	0.40
213	-	200	0.55	0.35	0.50	0.60	0.55	0.45	0.45
213	30	200	0.60	0.40	0.50	0.60	0.55	0.55	0.50
413	-	400	0.65	0.50	0.65	0.65	0.65	0.60	0.55
413	30	400	0.70	0.45	0.65	0.65	0.75	0.70	0.60

Altezza di sospensione	Isolamento	Intercapedine	α_w*	Coefficiente di assorbimento acustico α_p per frequenza					
mm	mm	mm		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
78	-	65	0.55	0.05	0.25	0.60	0.85	0.75	0.60
78	30	65	0.75	0.20	0.50	0.80	0.80	0.75	0.75
113	-	100	0.70	0.15	0.45	0.80	0.85	0.65	0.65
113	30	100	0.85	0.30	0.70	0.90	0.90	0.80	0.75
213	-	200	0.75	0.35	0.65	0.85	0.75	0.70	0.70
213	30	200	0.85	0.40	0.70	0.85	0.80	0.85	0.85
413	-	400	0.75	0.50	0.75	0.70	0.75	0.70	0.65
413	30	400	0.85	0.50	0.75	0.75	0.90	0.85	0.80

Altezza di sospensione	Isolamento	Intercapedine	α_w*	Coefficiente di assorbimento acustico α_p per frequenza					
mm	mm	mm		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
78	-	65	0.55	0.05	0.25	0.55	0.75	0.75	0.55
78	30	65	0.80	0.20	0.50	0.80	0.90	0.80	0.70
113	-	100	0.70	0.15	0.45	0.75	0.90	0.70	0.60
113	30	100	0.90	0.30	0.70	0.90	0.90	0.85	0.75
213	-	200	0.75	0.35	0.65	0.85	0.75	0.70	0.65
213	30	200	0.90	0.40	0.70	0.85	0.85	0.90	0.85
413	-	400	0.75	0.50	0.75	0.70	0.75	0.75	0.65
413	30	400	0.85	0.50	0.75	0.75	0.90	0.90	0.80

* Coefficente di assorbimento acustio ponderato

Rigiton® Ambiance Primeline AP-VL/RL 8/12/50

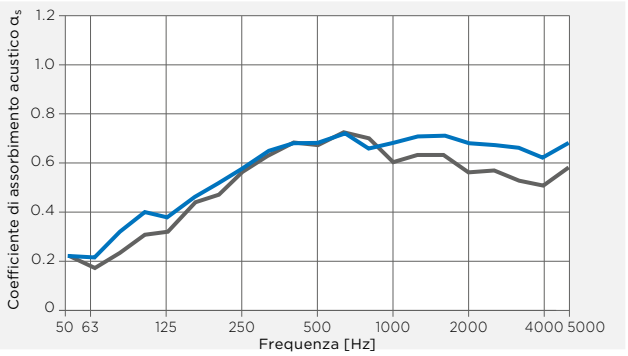


Spessore pannello: 12.5 mm

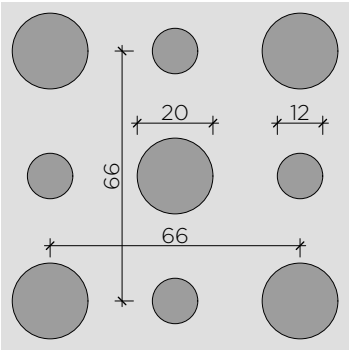
Massa per superficie: 8.7 kg/m²

Percentuale di foratura: 13.1 %

Reazione al fuoco secondo DIN EN 13501: A2-s1, d0



Rigiton® Ambiance Primeline AP-VL/RL 12/20/66

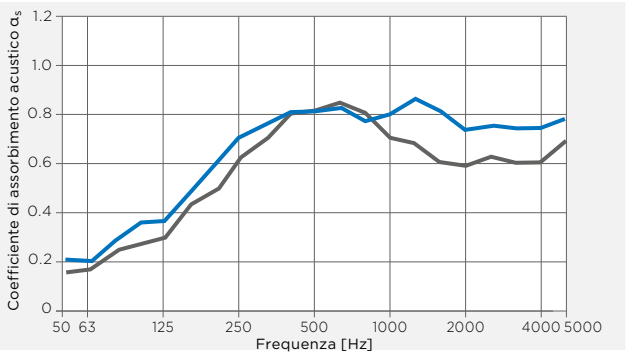


Spessore pannello: 12.5 mm

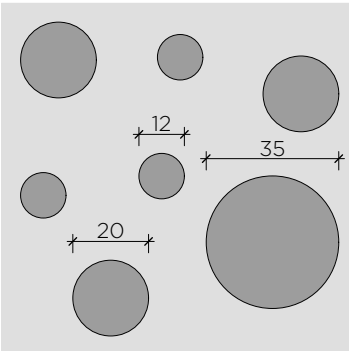
Massa per superficie: 8.0 kg/m²

Percentuale di foratura: 19.6 %

Reazione al fuoco secondo DIN EN 13501: A2-s1, d0



Rigiton® Ambiance Primeline AP-SL/RL 12/20/35

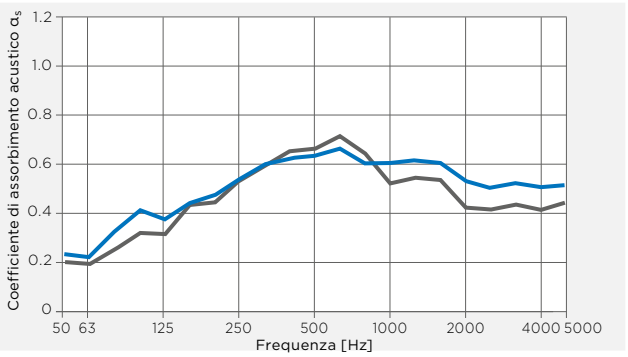


Spessore pannello: 12.5 mm

Massa per superficie: 8.9 kg/m²

Percentuale di foratura: 11.0 %

Reazione al fuoco secondo DIN EN 13501: A2-s1, d0



Altezza intercapedine 200 mm, isolamento in lana minerale 30 mm

Altezza intercapedine 200 mm, senza isolamento

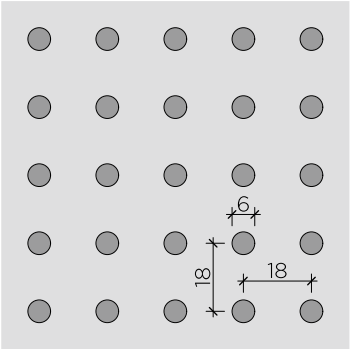
Altezza di sospensione	Isolamento	Intercapedine	α_w*	Coefficiente di assorbimento acustico α_p per frequenza					
mm	mm	mm		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
78	-	65	0.55	0.10	0.25	0.60	0.70	0.65	0.45
78	30	65	0.70	0.25	0.45	0.70	0.70	0.70	0.55
113	-	100	0.60	0.20	0.50	0.70	0.75	0.55	0.50
113	30	100	0.70	0.30	0.65	0.75	0.75	0.65	0.55
213	-	200	0.65	0.32	0.57	0.67	0.60	0.56	0.51
213	30	200	0.70	0.38	0.58	0.68	0.68	0.68	0.62
413	-	400	0.55	0.45	0.60	0.60	0.60	0.50	0.45
413	30	400	0.60	0.40	0.55	0.60	0.65	0.55	0.50

Altezza di sospensione	Isolamento	Intercapedine	α_w*	Coefficiente di assorbimento acustico α_p per frequenza					
mm	mm	mm		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
78	-	65	0.55	0.05	0.25	0.55	0.85	0.65	0.55
78	30	65	0.70	0.20	0.50	0.70	0.80	0.70	0.70
113	-	100	0.65	0.20	0.50	0.75	0.85	0.55	0.60
113	30	100	0.80	0.30	0.70	0.85	0.85	0.75	0.70
213	-	200	0.70	0.30	0.63	0.81	0.70	0.59	0.60
213	30	200	0.80	0.37	0.71	0.81	0.80	0.73	0..74
413	-	400	0.70	0.50	0.75	0.70	0.75	0.60	0.60
413	30	400	0.80	0.50	0.70	0.70	0.85	0.80	0.75

Altezza di sospensione	Isolamento	Intercapedine	α_w*	Coefficiente di assorbimento acustico α_p per frequenza					
mm	mm	mm		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
78	-	65	0.50	0.10	0.25	0.55	0.60	0.45	0.40
78	30	65	0.55	0.30	0.45	0.65	0.60	0.50	0.40
113	-	100	0.45	0.20	0.50	0.70	0.65	0.40	0.35
113	30	100	0.55	0.30	0.60	0.70	0.65	0.50	0.40
213	-	200	0.55	0.31	0.53	0.66	0.52	0.42	0.41
213	30	200	0.60	0.37	0.54	0.63	0.60	0.53	0.50
413	-	400	0.50	0.45	0.65	0.60	0.60	0.45	0.40
413	30	400	0.60	0.45	0.60	0.60	0.65	0.55	0.50

* Coefficente di assorbimento acustio ponderato

Rigiton® Ambiance giunti stuccati AS-RL 6/18

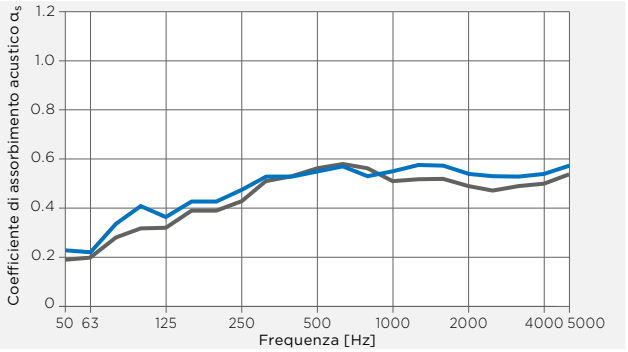


Spessore pannello: 12.5 mm

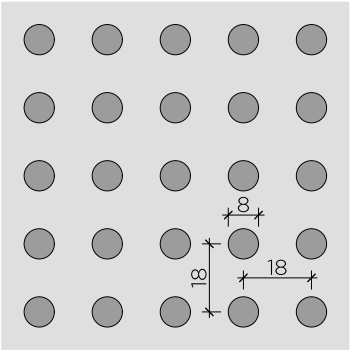
Massa per superficie: 9.1 kg/m²

Percentuale di foratura: 8.7 %

Reazione al fuoco secondo DIN EN 13501: A2-s1, d0



Rigiton® Ambiance giunti stuccati AS-RL 8/18

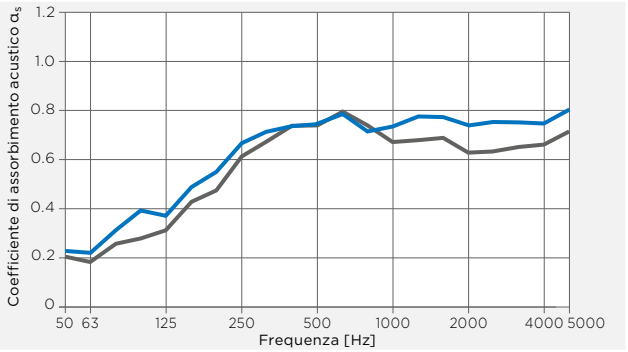


Spessore pannello: 12.5 mm

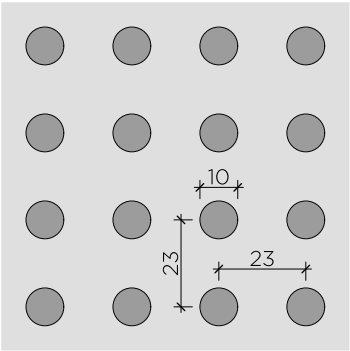
Massa per superficie: 8.5 kg/m²

Percentuale di foratura: 15.5 %

Reazione al fuoco secondo DIN EN 13501: A2-s1, d0



Rigiton® Ambiance giunti stuccati AS-RL 10/23

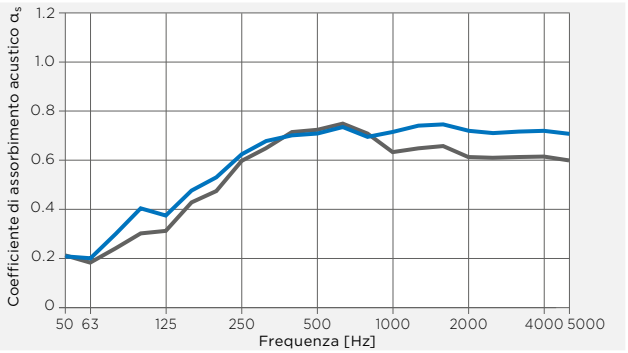


Spessore pannello: 12.5 mm

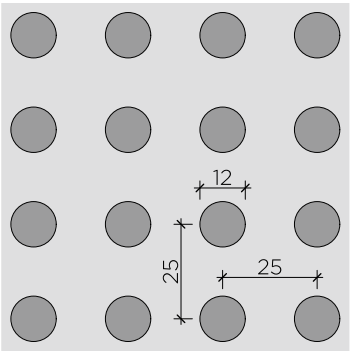
Massa per superficie: 8.5 kg/m²

Percentuale di foratura: 14.8 %

Reazione al fuoco secondo DIN EN 13501: A2-s1, d0



Rigiton® Ambiance giunti stuccati AS-RL 12/25

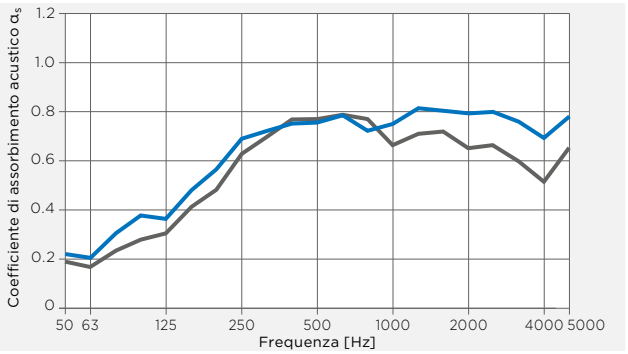


Spessore pannello: 12.5 mm

Massa per superficie: 8.2 kg/m²

Percentuale di foratura: 18.1 %

Reazione al fuoco secondo DIN EN 13501: A2-s1, d0



Altezza intercapedine 200 mm, isolamento in lana minerale 30 mm

Altezza intercapedine 200 mm, senza isolamento

Altezza di sospensione	Isolamento	Intercapedine	α_w*	Coefficiente di assorbimento acustico α_p per frequenza					
mm	mm	mm		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
78	-	65	0.50	0.15	0.25	0.45	0.60	0.50	0.40
78	30	65	0.55	0.30	0.45	0.50	0.55	0.50	0.50
113	-	100	0.55	0.20	0.45	0.60	0.60	0.50	0.45
113	30	100	0.60	0.35	0.55	0.60	0.60	0.50	0.50
213	-	200	0.55	0.35	0.45	0.55	0.55	0.50	0.50
213	30	200	0.55	0.40	0.50	0.55	0.55	0.55	0.55
413	-	400	0.55	0.40	0.55	0.55	0.55	0.55	0.50
413	30	400	0.60	0.40	0.55	0.55	0.60	0.60	0.55

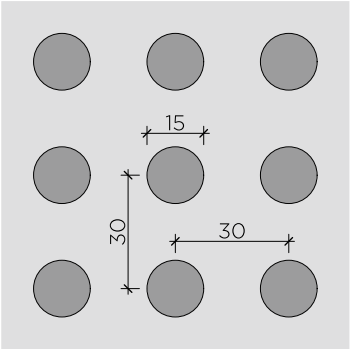
Altezza di sospensione	Isolamento	Intercapedine	α_w*	Coefficiente di assorbimento acustico α_p per frequenza					
mm	mm	mm		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
78	-	65	0.55	0.10	0.25	0.60	0.80	0.70	0.55
78	30	65	0.75	0.25	0.50	0.70	0.80	0.75	0.65
113	-	100	0.70	0.20	0.50	0.75	0.80	0.60	0.60
113	30	100	0.75	0.30	0.70	0.80	0.80	0.70	0.65
213	-	200	0.70	0.35	0.60	0.75	0.70	0.65	0.65
213	30	200	0.75	0.40	0.65	0.75	0.75	0.75	0.75
413	-	400	0.70	0.50	0.70	0.65	0.80	0.65	0.65
413	30	400	0.75	0.50	0.65	0.70	0.80	0.75	0.75

Altezza di sospensione	Isolamento	Intercapedine	α_w*	Coefficiente di assorbimento acustico α_p per frequenza					
mm	mm	mm		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
78	-	65	0.55	0.10	0.25	0.60	0.70	0.70	0.55
78	30	65	0.65	0.25	0.45	0.65	0.70	0.65	0.65
113	-	100	0.64	0.20	0.50	0.75	0.80	0.60	0.55
113	30	100	0.75	0.30	0.65	0.80	0.75	0.70	0.65
213	-	200	0.70	0.35	0.55	0.75	0.65	0.65	0.60
213	30	200	0.70	0.40	0.60	0.70	0.70	0.70	0.70
413	-	400	0.70	0.50	0.70	0.65	0.70	0.65	0.60
413	30	400	0.75	0.50	0.65	0.70	0.80	0.75	0.70

Altezza di sospensione	Isolamento	Intercapedine	α_w*	Coefficiente di assorbimento acustico α_p per frequenza					
mm	mm	mm		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
78	-	65	0.55	0.10	0.25	0.60	0.80	0.75	0.50
78	30	65	0.70	0.20	0.45	0.70	0.75	0.80	0.60
113	-	100	0.70	0.20	0.50	0.75	0.85	0.65	0.55
113	30	100	0.80	0.30	0.70	0.85	0.85	0.75	0.65
213	-	200	0.70	0.35	0.60	0.80	0.70	0.70	0.60
213	30	200	0.80	0.40	0.65	0.75	0.75	0.80	0.75
413	-	400	0.70	0.50	0.75	0.65	0.70	0.70	0.60
413	30	400	0.80	0.50	0.70	0.70	0.85	0.80	0.75

* Coefficente di assorbimento acustio ponderato

Rigiton® Ambiance giunti stuccati AS-RL 15/30

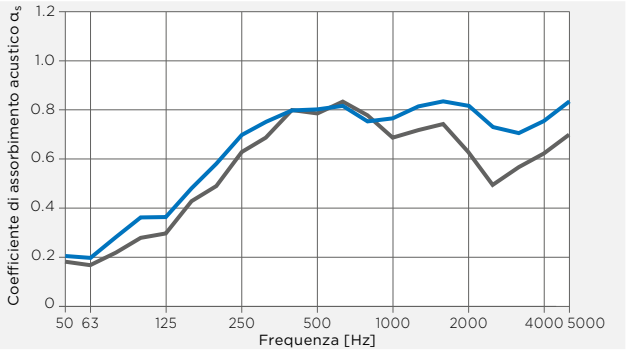


Spessore pannello: 12.5 mm

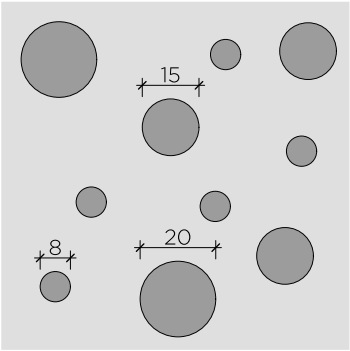
Massa per superficie: 8.0 kg/m²

Percentuale di foratura: 19.6 %

Reazione al fuoco secondo DIN EN 13501: A2-s1, d0



Rigiton® Ambiance giunti stuccati AS-SL/RL 8/15/20

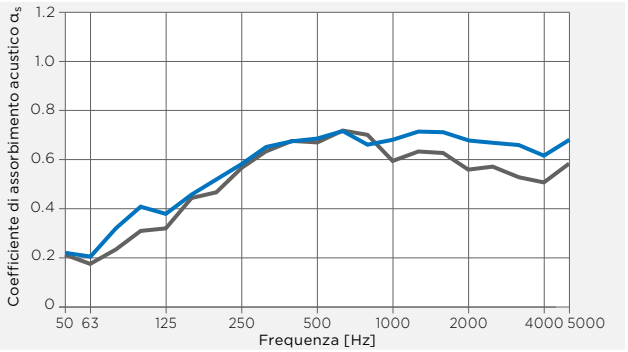


Spessore pannello: 12.5 mm

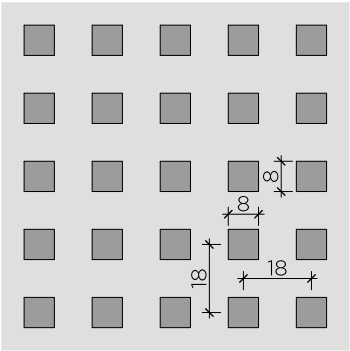
Massa per superficie: 9.1 kg/m²

Percentuale di foratura: 9.5 %

Reazione al fuoco secondo DIN EN 13501: A2-s1, d0



Rigiton® Ambiance giunti stuccati AS-QL 8/18

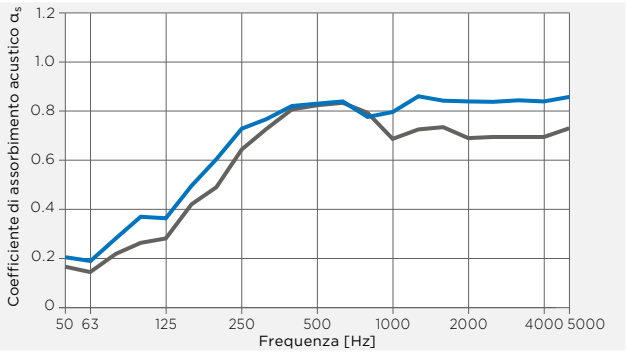


Spessore pannello: 12.5 mm

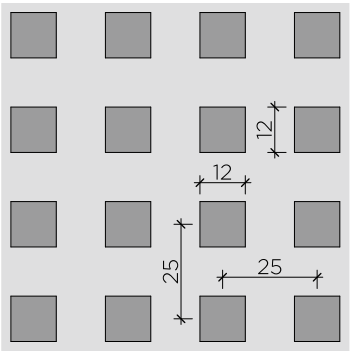
Massa per superficie: 8.0 kg/m²

Percentuale di foratura: 19.8 %

Reazione al fuoco secondo DIN EN 13501: A2-s1, d0



Rigiton® Ambiance giunti stuccati AS-QL 12/25

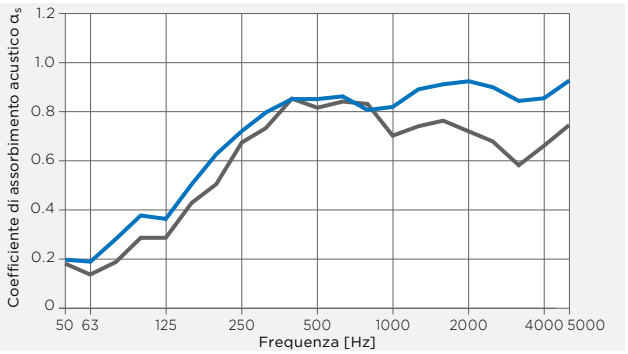


Spessore pannello: 12.5 mm

Massa per superficie: 7.7 kg/m²

Percentuale di foratura: 23.0 %

Reazione al fuoco secondo DIN EN 13501: A2-s1, d0



Altezza intercapedine 200 mm, isolamento in lana minerale 30 mm

Altezza intercapedine 200 mm, senza isolamento

Altezza di sospensione	Isolamento	Intercapedine	α_w*	Coefficiente di assorbimento acustico α_p per frequenza					
mm	mm	mm		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
78	-	65	0.55	0.10	0.25	0.60	0.85	0.65	0.60
78	30	65	0.75	0.20	0.50	0.75	0.80	0.70	0.70
113	-	100	0.70	0.20	0.50	0.75	0.85	0.65	0.55
113	30	100	0.85	0.30	0.70	0.90	0.85	0.80	0.70
213	-	200	0.75	0.35	0.60	0.80	0.75	0.65	0.65
213	30	200	0.80	0.40	0.70	0.80	0.80	0.80	0.75
413	-	400	0.70	0.50	0.75	0.70	0.75	0.65	0.60
413	30	400	0.85	0.50	0.75	0.75	0.85	0.85	0.75

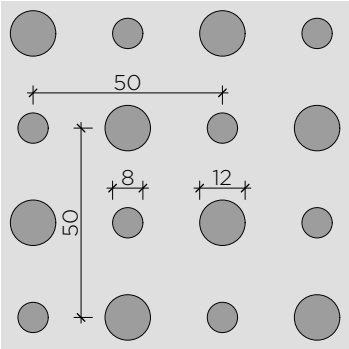
Altezza di sospensione	Isolamento	Intercapedine	α_w*	Coefficiente di assorbimento acustico α_p per frequenza					
mm	mm	mm		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
78	-	65	0.50	0.10	0.25	0.50	0.60	0.45	0.40
78	30	65	0.55	0.30	0.40	0.55	0.55	0.50	0.40
113	-	100	0.50	0.20	0.50	0.65	0.65	0.45	0.40
113	30	100	0.50	0.35	0.60	0.65	0.60	0.45	0.40
213	-	200	0.55	0.35	0.50	0.60	0.55	0.45	0.45
213	30	200	0.60	0.40	0.50	0.60	0.55	0.55	0.50
413	-	400	0.65	0.50	0.65	0.65	0.65	0.60	0.55
413	30	400	0.70	0.45	0.65	0.65	0.75	0.70	0.60

Altezza di sospensione	Isolamento	Intercapedine	α_w*	Coefficiente di assorbimento acustico α_p per frequenza					
mm	mm	mm		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
78	-	65	0.55	0.05	0.25	0.60	0.85	0.75	0.60
78	30	65	0.75	0.20	0.50	0.80	0.80	0.75	0.75
113	-	100	0.70	0.15	0.45	0.80	0.85	0.65	0.65
113	30	100	0.85	0.30	0.70	0.90	0.90	0.80	0.75
213	-	200	0.75	0.35	0.65	0.85	0.75	0.70	0.70
213	30	200	0.85	0.40	0.70	0.85	0.80	0.85	0.85
413	-	400	0.75	0.50	0.75	0.70	0.75	0.70	0.65
413	30	400	0.85	0.50	0.75	0.75	0.90	0.85	0.80

Altezza di sospensione	Isolamento	Intercapedine	α_w*	Coefficiente di assorbimento acustico α_p per frequenza					
mm	mm	mm		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
78	-	65	0.55	0.05	0.25	0.55	0.75	0.75	0.55
78	30	65	0.80	0.20	0.50	0.80	0.90	0.80	0.70
113	-	100	0.70	0.15	0.45	0.75	0.90	0.70	0.60
113	30	100	0.90	0.30	0.70	0.90	0.90	0.85	0.75
213	-	200	0.75	0.35	0.65	0.85	0.75	0.70	0.65
213	30	200	0.90	0.40	0.70	0.85	0.85	0.90	0.85
413	-	400	0.75	0.50	0.75	0.70	0.75	0.75	0.65
413	30	400	0.85	0.50	0.75	0.75	0.90	0.90	0.80

* Coefficente di assorbimento acustio ponderato

Rigiton® Ambiance giunti stuccati AS-VL/RL 8/12/50

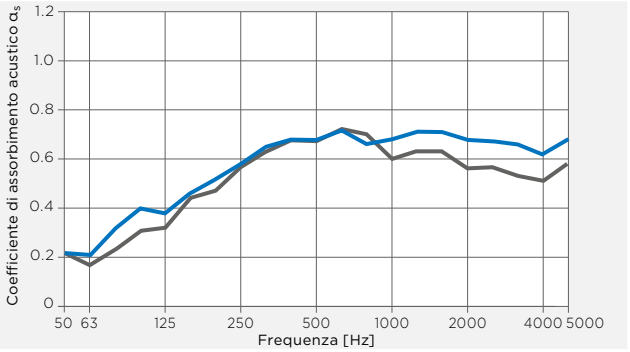


Spessore pannello: 12.5 mm

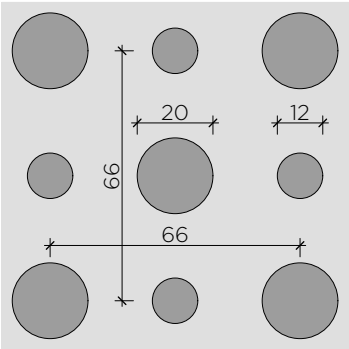
Massa per superficie: 8.7 kg/m²

Percentuale di foratura: 13.1 %

Reazione al fuoco secondo DIN EN 13501: A2-s1, d0



Rigiton® Ambiance giunti stuccati AS-VL/RL 12/20/66

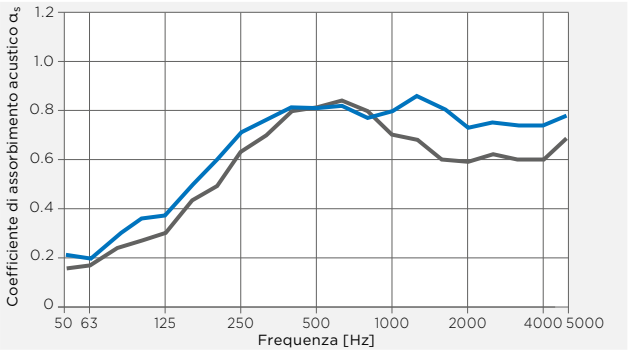


Spessore pannello: 12.5 mm

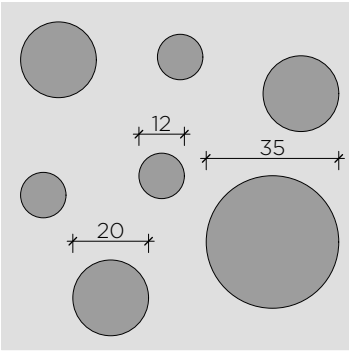
Massa per superficie: 8.0 kg/m²

Percentuale di foratura: 19.6 %

Reazione al fuoco secondo DIN EN 13501: A2-s1, d0



Rigiton® Ambiance giunti stuccati AS-SL 12/20/35

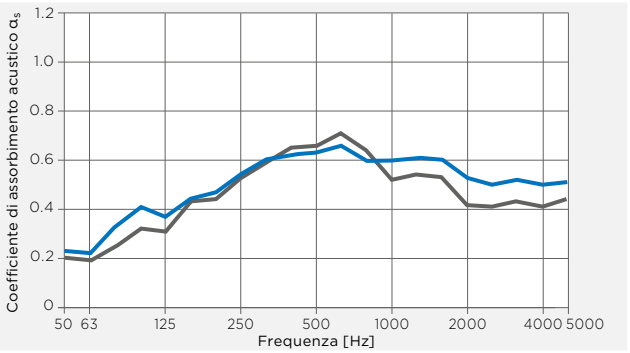


Spessore pannello: 12.5 mm

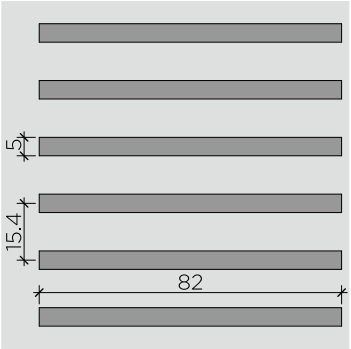
Massa per superficie: 8.9 kg/m²

Percentuale di foratura: 11.0 %

Reazione al fuoco secondo DIN EN 13501: A2-s1, d0



Rigiton® Ambiance giunti stuccati AS-SP 4F

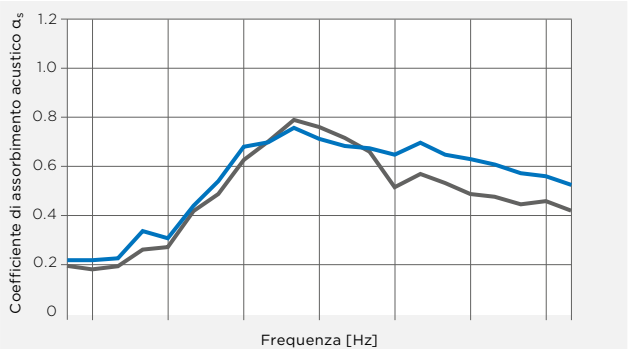


Spessore pannello: 12.5 mm

Massa per superficie: 8.4 kg/m²

Percentuale di foratura: 15.7 %

Reazione al fuoco secondo DIN EN 13501: A2-s1, d0



Altezza intercapedine 200 mm, isolamento in lana minerale 30 mm
Altezza intercapedine 200 mm, senza isolamento

Altezza di sospensione	Isolamento	Intercapedine	α_w*	Coefficiente di assorbimento acustico α_p per frequenza					
mm	mm	mm		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
78	-	65	0.55	0.10	0.25	0.60	0.70	0.65	0.45
78	30	65	0.70	0.25	0.45	0.70	0.70	0.70	0.55
113	-	100	0.60	0.20	0.50	0.70	0.75	0.55	0.50
113	30	100	0.70	0.30	0.65	0.75	0.75	0.65	0.55
213	-	200	0.65	0.32	0.57	0.67	0.60	0.56	0.51
213	30	200	0.70	0.38	0.58	0.68	0.68	0.68	0.62
413	-	400	0.55	0.45	0.60	0.60	0.60	0.50	0.45
413	30	400	0.60	0.40	0.55	0.60	0.65	0.55	0.50

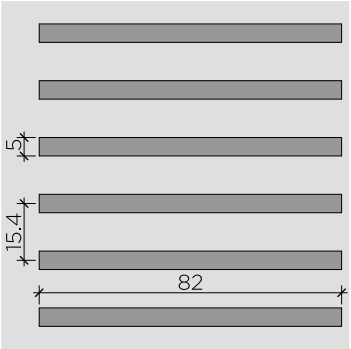
Altezza di sospensione	Isolamento	Intercapedine	α_w*	Coefficiente di assorbimento acustico α_p per frequenza					
mm	mm	mm		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
78	-	65	0.55	0.05	0.25	0.55	0.85	0.65	0.55
78	30	65	0.70	0.20	0.50	0.70	0.80	0.70	0.70
113	-	100	0.65	0.20	0.50	0.75	0.85	0.55	0.60
113	30	100	0.80	0.30	0.70	0.85	0.85	0.75	0.70
213	-	200	0.70	0.30	0.63	0.81	0.70	0.59	0.60
213	30	200	0.80	0.37	0.71	0.81	0.80	0.73	0..74
413	-	400	0.70	0.50	0.75	0.70	0.75	0.60	0.60
413	30	400	0.80	0.50	0.70	0.70	0.85	0.80	0.75

Altezza di sospensione	Isolamento	Intercapedine	α_w*	Coefficiente di assorbimento acustico α_p per frequenza					
mm	mm	mm		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
213	-	200	0.60	0.37	0.54	0.63	0.60	0.53	0.50
413	30	400	0.60	0.45	0.60	0.60	0.65	0.55	0.50
78	-	65	0.50	0.10	0.25	0.55	0.60	0.45	0.40
78	30	65	0.55	0.30	0.45	0.65	0.60	0.50	0.40
213	-	200	0.55	0.31	0.53	0.66	0.52	0.42	0.41
113	30	100	0.45	0.20	0.50	0.70	0.65	0.40	0.35
113	-	100	0.55	0.30	0.60	0.70	0.65	0.50	0.40
413	30	400	0.50	0.45	0.65	0.60	0.60	0.45	0.40

Altezza di sospensione	Isolamento	Intercapedine	α_w*	Coefficiente di assorbimento acustico α_p per frequenza					
mm	mm	mm		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
213	–	200	0.55	0.30	0.60	0.75	0.60	0.50	0.45
213	30	200	0.65	0.35	0.65	0.70	0.65	0.65	0.55

* Coefficente di assorbimento acustio ponderato

Rigiton® Ambiance giunti stuccati AS-SP 8F

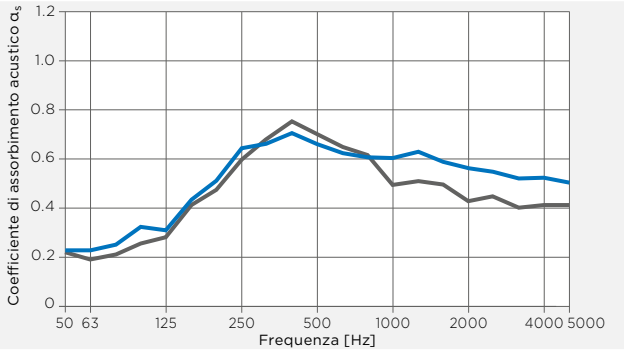


Spessore pannello: 12.5 mm

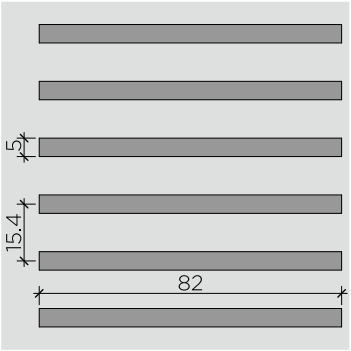
Massa per superficie: 8.6 kg/m²

Percentuale di foratura: 13.7 %

Reazione al fuoco secondo DIN EN 13501: A2-s1, d0



Rigiton® Ambiance giunti stuccati AS-SP 8/16F

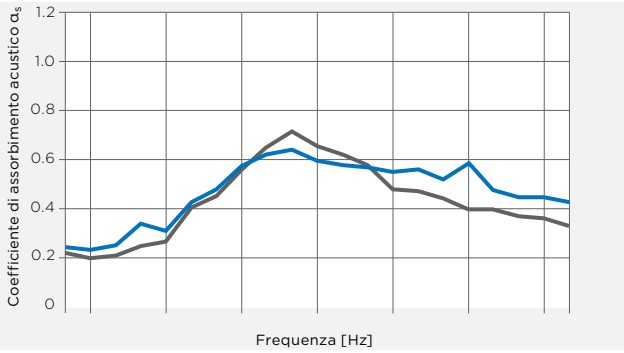


Spessore pannello: 12.5 mm

Massa per superficie: 8.9 kg/m²

Percentuale di foratura: 10.9 %

Reazione al fuoco secondo DIN EN 13501: A2-s1, d0



Altezza intercapedine 200 mm, isolamento in lana minerale 30 mm

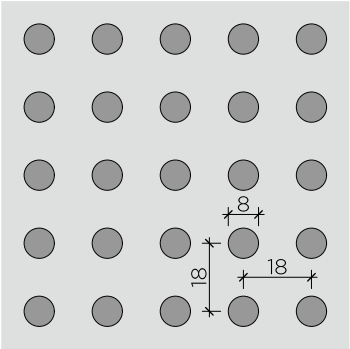
Altezza intercapedine 200 mm, senza isolamento

Altezza di sospensione	Isolamento	Intercapedine	α_w*	Coefficiente di assorbimento acustico α_p per frequenza					
mm	mm	mm		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
213	-	200	0.50	0.30	0.60	0.70	0.55	0.45	0.40
213	30	200	0.60	0.35	0.60	0.65	0.60	0.55	0.50

Altezza di sospensione	Isolamento	Intercapedine	α_w*	Coefficiente di assorbimento acustico α_p per frequenza					
mm	mm	mm		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
213	-	200	0.45	0.30	0.55	0.65	0.50	0.40	0.35
213	30	200	0.55	0.35	0.55	0.60	0.55	0.50	0.45

* Coefficente di assorbimento acustio ponderato

Rigiton®elegance RE-RL 8/18

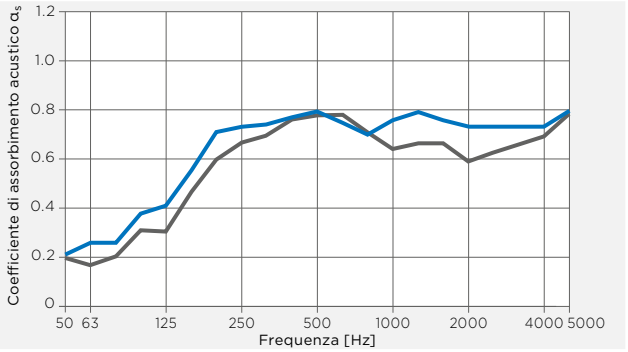


Spessore pannello: 12.5 mm

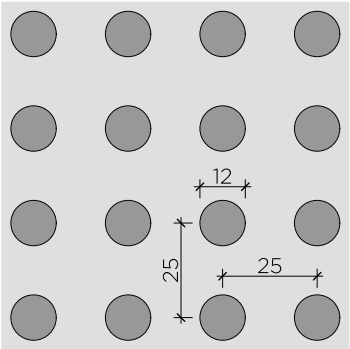
Massa per superficie: 8.5 kg/m²

Percentuale di foratura: 15.5 %

Reazione al fuoco secondo DIN EN 13501: A2-s1, d0



Rigiton®elegance RE-RL 12/25 Ultra acustica

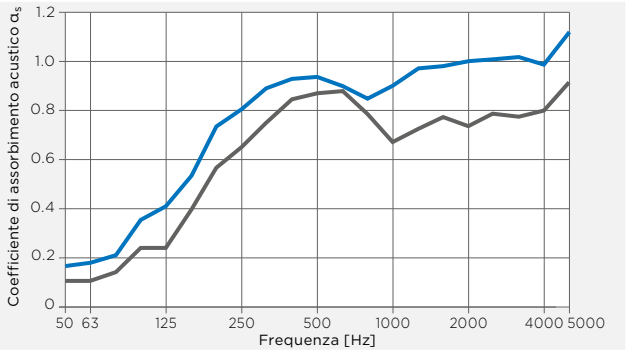


Spessore pannello: 12.5 mm

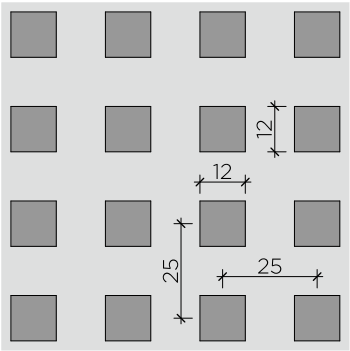
Massa per superficie: 6.5 kg/m²

Percentuale di foratura: 33.9 %

Reazione al fuoco secondo DIN EN 13501: A2-s1, d0



Rigiton®elegance RE-QL 12/25

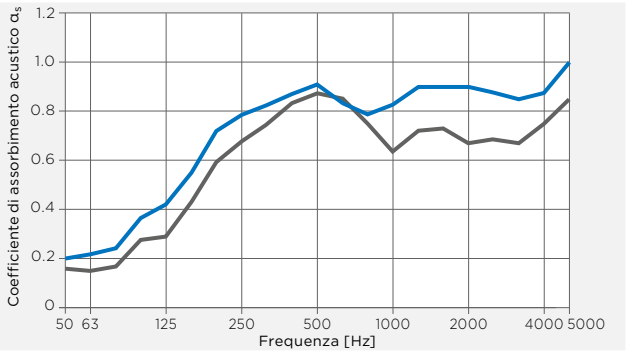


Spessore pannello: 12.5 mm

Massa per superficie: 7.7 kg/m²

Percentuale di foratura: 22.9 %

Reazione al fuoco secondo DIN EN 13501: A2-s1, d0



Altezza intercapedine 200 mm, isolamento in lana minerale 30 mm
Altezza intercapedine 200 mm, senza isolamento

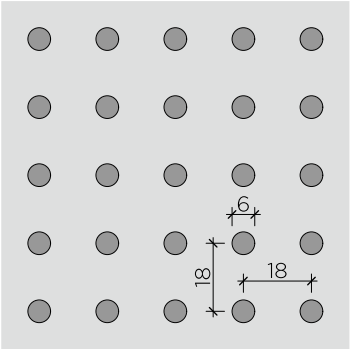
Altezza di sospensione	Isolamento	Intercapedine	α_w*	Coefficiente di assorbimento acustico α_p per frequenza					
mm	mm	mm		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
78	-	65	0.60	0.10	0.35	0.60	0.75	0.65	0.55
78	30	65	0.75	0.25	0.60	0.75	0.75	0.65	0.65
213	-	200	0.70	0.35	0.65	0.75	0.65	0.65	0.70
213	30	200	0.75	0.45	0.75	0.75	0.75	0.75	0.75

Altezza di sospensione	Isolamento	Intercapedine	α_w*	Coefficiente di assorbimento acustico α_p per frequenza					
mm	mm	mm		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
78	-	65	0.55	0.05	0.25	0.55	0.85	0.85	0.70
78	30	65	0.90	0.20	0.60	0.90	1.00	0.90	0.85
213	-	200	0.80	0.30	0.65	0.85	0.75	0.75	0.85
213	30	200	0.95	0.45	0.80	0.90	0.90	1.00	1.00

Altezza di sospensione	Isolamento	Intercapedine	α_w*	Coefficiente di assorbimento acustico α_p per frequenza					
mm	mm	mm		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
78	-	65	0.60	0.10	0.30	0.60	0.85	0.75	0.60
78	30	65	0.80	0.25	0.60	0.85	0.90	0.75	0.70
213	-	200	0.75	0.35	0.70	0.85	0.70	0.70	0.75
213	30	200	0.90	0.45	0.80	0.85	0.85	0.90	0.90

* Coefficente di assorbimento acustio ponderato

Rigiton®Climafit RC-RL 6/18

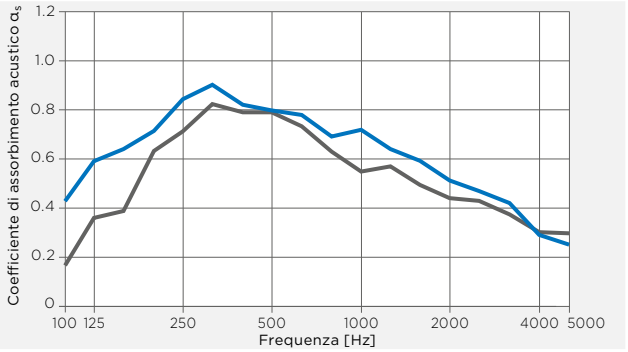


Spessore pannello: 10 mm

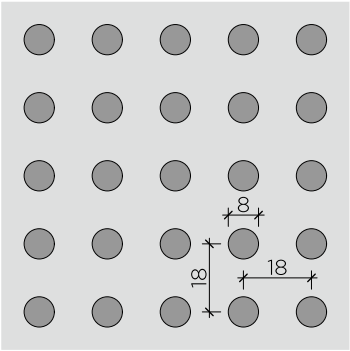
Massa per superficie: 8.5 kg/m²

Percentuale di foratura: 8.7 %

Reazione al fuoco secondo DIN EN 13501: A2-s1, d0



Rigiton®Climafit RC-RL 8/18

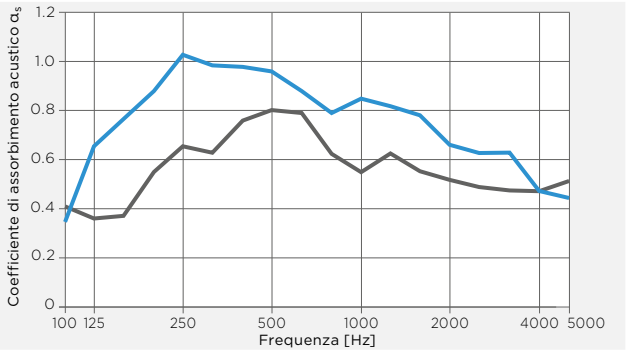


Spessore pannello: 10 mm

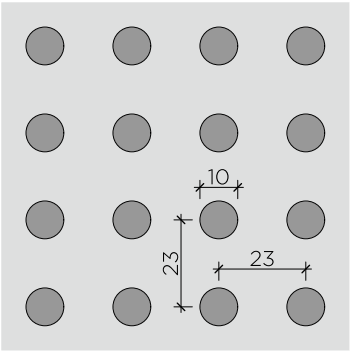
Massa per superficie: 8.0 kg/m²

Percentuale di foratura: 15.5 %

Reazione al fuoco secondo DIN EN 13501: A2-s1, d0



Rigiton®Climafit RC-RL 10/23

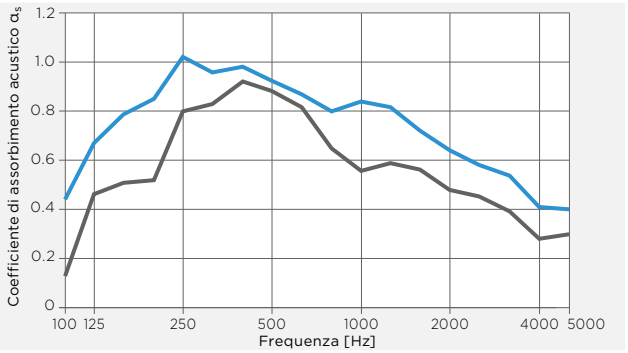


Spessore pannello: 10 mm

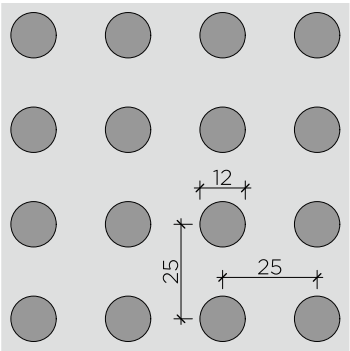
Massa per superficie: 7.2 kg/m²

Percentuale di foratura: 14.8 %

Reazione al fuoco secondo DIN EN 13501: A2-s1, d0



Rigiton®Climafit RC-RL 12/25

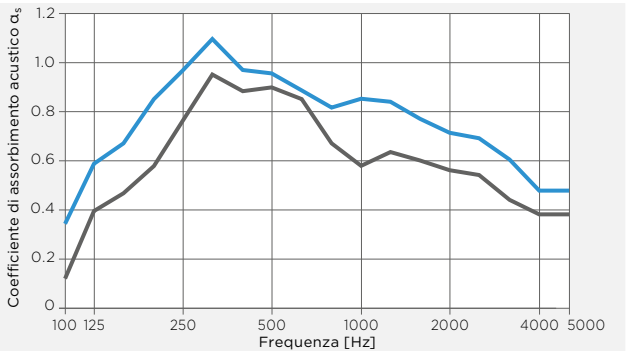


Spessore pannello: 10 mm

Massa per superficie: 6.9 kg/m²

Percentuale di foratura: 18.1 %

Reazione al fuoco secondo DIN EN 13501: A2-s1, d0



Altezza intercapedine 200 mm, isolamento in lana minerale 50 mm

Altezza intercapedine 200 mm, senza isolamento

Altezza di sospensione	Isolamento	Intercapedine	α_w*	Coefficiente di assorbimento acustico α_p per frequenza					
mm	mm	mm		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
210	-	200	0.45	0.30	0.70	0.75	0.60	0.45	0.30
210	50	200	0.50	0.55	0.80	0.80	0.70	0.50	0.30

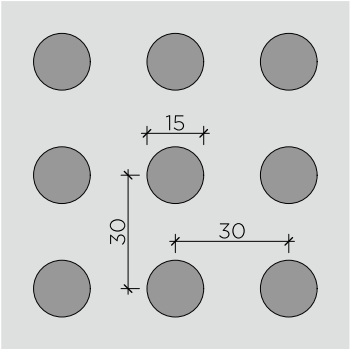
Altezza di sospensione	Isolamento	Intercapedine	α_w*	Coefficiente di assorbimento acustico α_p per frequenza					
mm	mm	mm		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
210	-	200	0.60	0.40	0.60	0.80	0.60	0.50	0.50
210	50	200	0.70	0.60	0.95	0.95	0.80	0.70	0.50

Altezza di sospensione	Isolamento	Intercapedine	α_w*	Coefficiente di assorbimento acustico α_p per frequenza					
mm	mm	mm		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
210	-	200	0.50	0.35	0.70	0.85	0.60	0.50	0.35
210	50	200	0.65	0.65	0.95	0.90	0.80	0.65	0.45

Altezza di sospensione	Isolamento	Intercapedine	α_w*	Coefficiente di assorbimento acustico α_p per frequenza					
mm	mm	mm		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
210	-	200	0.55	0.35	0.75	0.90	0.65	0.55	0.40
210	50	200	0.70	0.55	0.95	0.95	0.85	0.70	0.50

* Coefficente di assorbimento acustio ponderato

Rigiton®Climafit RC-RL 15/30

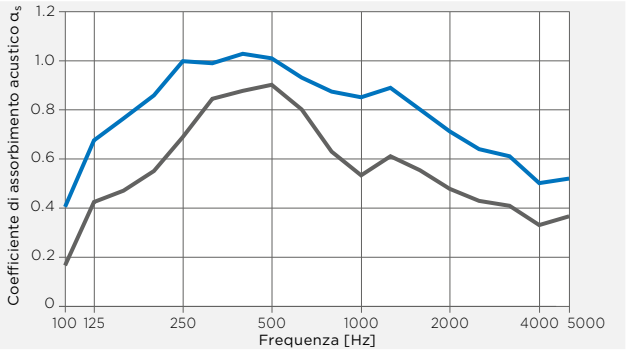


Spessore pannello: 10 mm

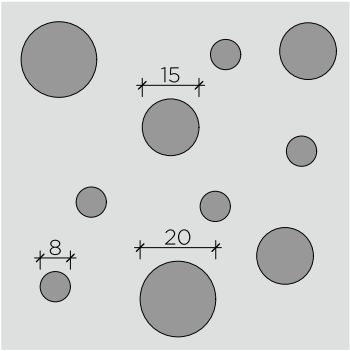
Massa per superficie: 6.8 kg/m²

Percentuale di foratura: 19.6 %

Reazione al fuoco secondo DIN EN 13501: A2-s1, d0



Rigiton®Climafit RC-SL/RL 8/15/20

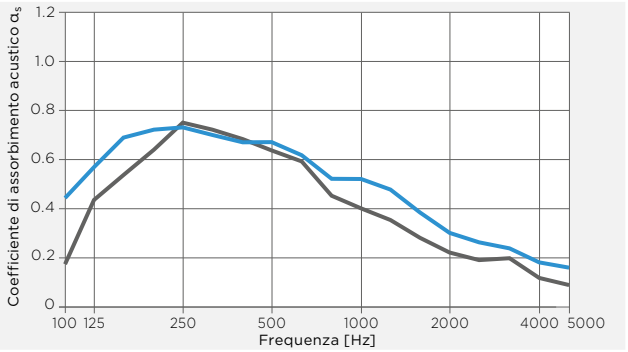


Spessore pannello: 10 mm

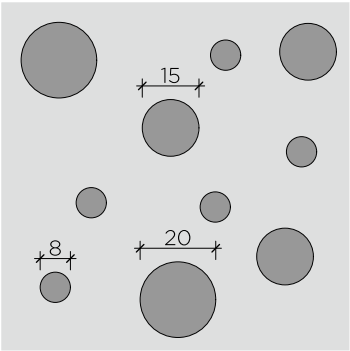
Massa per superficie: 8.0 kg/m²

Percentuale di foratura: 6.0 %

Reazione al fuoco secondo DIN EN 13501: A2-s1, d0



Rigiton®Climafit RC-SL/RL 8/15/20 super

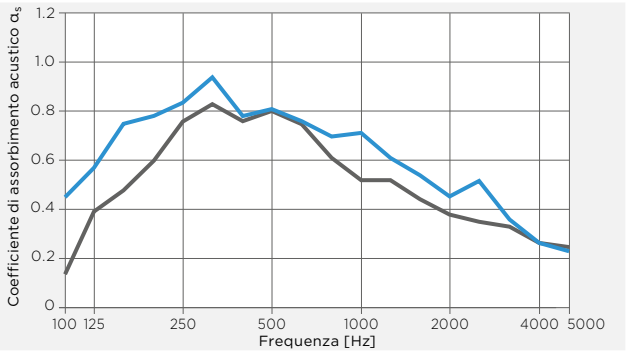


Spessore pannello: 10 mm

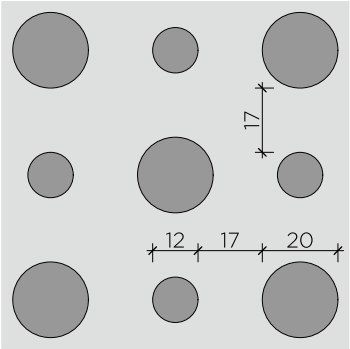
Massa per superficie: 7.6 kg/m²

Percentuale di foratura: 10.0 %

Reazione al fuoco secondo DIN EN 13501: A2-s1, d0



Rigiton®Climafit RC-VL/RL 12/20/66

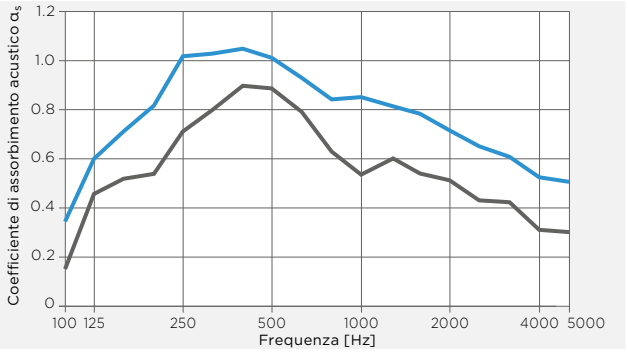


Spessore pannello: 10 mm

Massa per superficie: 6.8 kg/m²

Percentuale di foratura: 19.6 %

Reazione al fuoco secondo DIN EN 13501: A2-s1, d0



Altezza intercapedine 200 mm, isolamento in lana minerale 50 mm

Altezza intercapedine 200 mm, senza isolamento

Altezza di sospensione	Isolamento	Intercapedine	α_w*	Coefficiente di assorbimento acustico α_p per frequenza					
mm	mm	mm		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
210	-	200	0.50	0.35	0.70	0.85	0.60	0.50	0.35
210	50	200	0.70	0.60	0.95	1.00	0.85	0.70	0.55

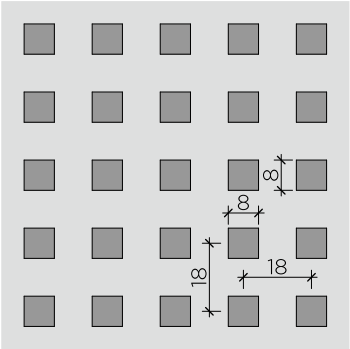
Altezza di sospensione	Isolamento	Intercapedine	α_w*	Coefficiente di assorbimento acustico α_p per frequenza					
mm	mm	mm		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
210	-	200	0.30	0.40	0.70	0.65	0.40	0.25	0.15
210	50	200	0.35	0.55	0.70	0.65	0.50	0.30	0.20

Altezza di sospensione	Isolamento	Intercapedine	α_w*	Coefficiente di assorbimento acustico α_p per frequenza					
mm	mm	mm		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
210	-	200	0.45	0.35	0.75	0.75	0.55	0.40	0.30
210	50	200	0.45	0.60	0.85	0.80	0.65	0.45	0.30

Altezza di sospensione	Isolamento	Intercapedine	α_w*	Coefficiente di assorbimento acustico α_p per frequenza					
mm	mm	mm		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
210	-	200	0.50	0.40	0.70	0.85	0.60	0.50	0.35
210	50	200	0.70	0.55	0.95	1.00	0.85	0.70	0.55

* Coefficente di assorbimento acustio ponderato

Rigiton®Climafit RC-QL 8/18

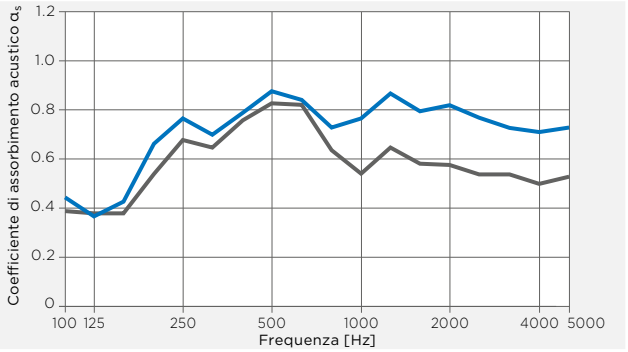


Spessore pannello: 10 mm

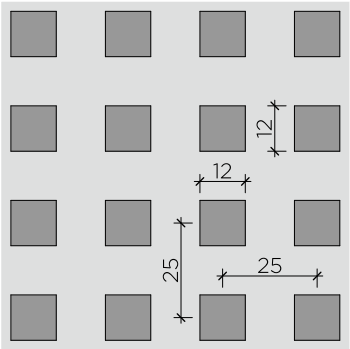
Massa per superficie: 6.8 kg/m²

Percentuale di foratura: 19.8 %

Reazione al fuoco secondo DIN EN 13501: A2-s1, d0



Rigiton®Climafit RC-QL 12/25

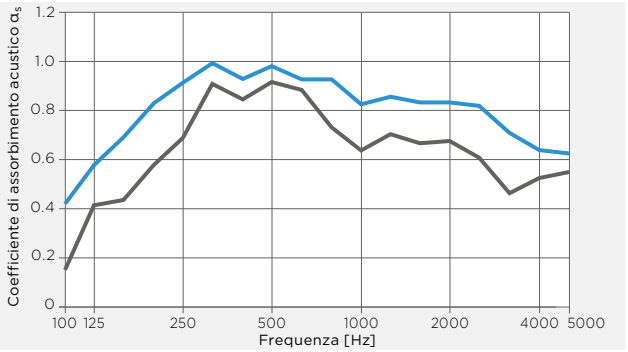


Spessore pannello: 10 mm

Massa per superficie: 6.5 kg/m²

Percentuale di foratura: 23.0 %

Reazione al fuoco secondo DIN EN 13501: A2-s1, d0



Altezza intercapedine 200 mm, isolamento in lana minerale 50 mm
Altezza intercapedine 200 mm, senza isolamento

Altezza di sospensione	Isolamento	Intercapedine	α_w*	Coefficiente di assorbimento acustico α_p per frequenza					
mm	mm	mm		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
210	-	200	0.60	0.40	0.65	0.80	0.60	0.55	0.50
210	50	200	0.80	0.40	0.70	0.85	0.80	0.80	0.70

Altezza di sospensione	Isolamento	Intercapedine	α_w*	Coefficiente di assorbimento acustico α_p per frequenza					
mm	mm	mm		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
210	-	200	0.65	0.35	0.75	0.90	0.70	0.65	0.50
210	50	200	0.85	0.55	0.90	0.95	0.85	0.85	0.65

* Coefficente di assorbimento acustio ponderato

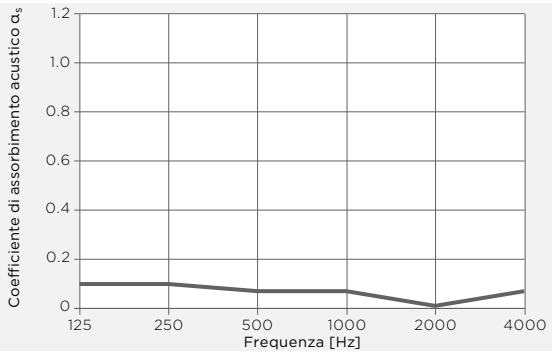
Gyptone® Base 31

Spessore pannello: 12.5 mm

Massa per superficie: ca. 9.0 kg/m²

Percentuale di foratura: 0.0 %

Reazione al fuoco secondo DIN EN 13501: A2-s1, d0



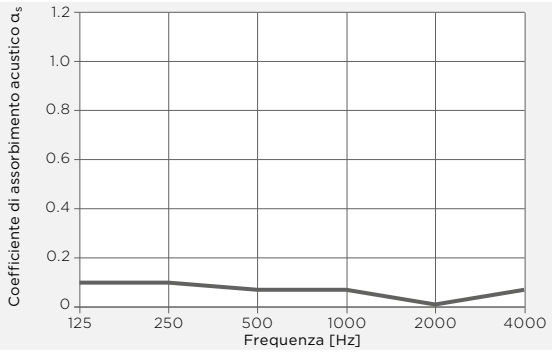
Gyptone® Base 33

Spessore pannello: 12.5 mm

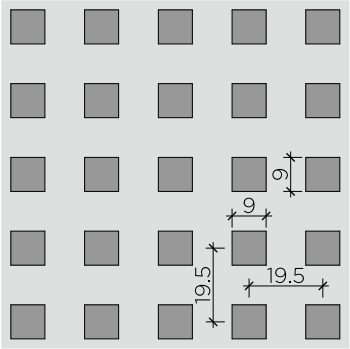
Massa per superficie: ca. 9.0 kg/m²

Percentuale di foratura: 0.0 %

Reazione al fuoco secondo DIN EN 13501: A2-s1, d0



Gyptone® Quattro 20

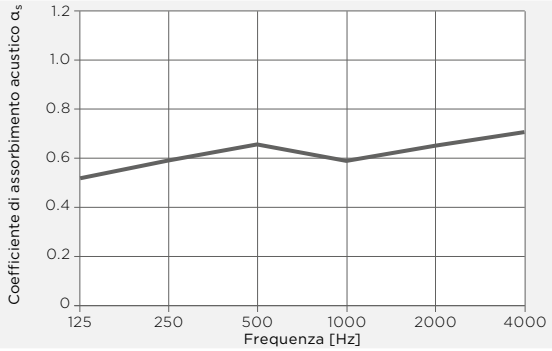


Spessore pannello: 12.5 mm

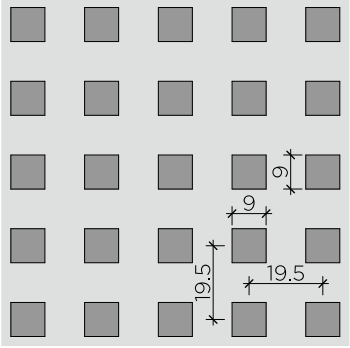
Massa per superficie: ca. 8.0 kg/m²

Percentuale di foratura: 18.0 %

Reazione al fuoco secondo DIN EN 13501: A2-s1, d0



Gyptone® Quattro 22

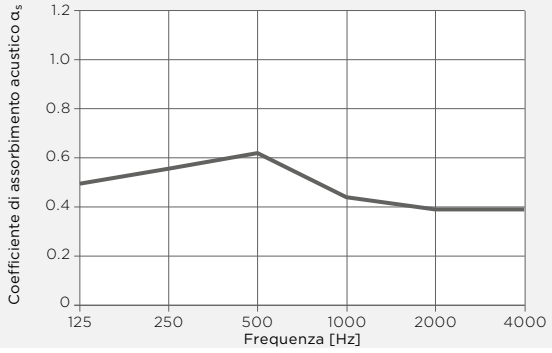


Spessore pannello: 12.5 mm

Massa per superficie: ca. 8.0 kg/m²

Percentuale di foratura: 9.0 %

Reazione al fuoco secondo DIN EN 13501: A2-s1, d0



Altezza intercapedine 200 mm, senza isolamento

Altezza di sospensione[1]	Isolamento	Intercapedine	α_w*	Coefficiente di assorbimento acustico α_p per frequenza					
mm	mm	mm		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
213	-	200	0.05	0.10	0.10	0.05	0.05	0.00	0.05

Altezza di sospensione[1]	Isolamento	Intercapedine	α_w*	Coefficiente di assorbimento acustico α_p per frequenza					
mm	mm	mm		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
213	-	200	0.05	0.10	0.10	0.05	0.05	0.00	0.05

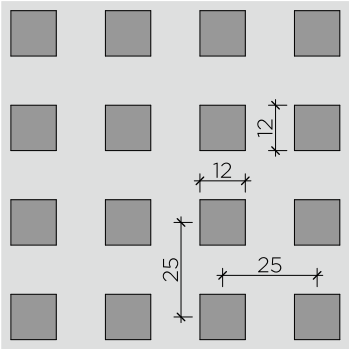
Altezza di sospensione[1]	Isolamento	Intercapedine	α_w*	Coefficiente di assorbimento acustico α_p per frequenza					
mm	mm	mm		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
213	-	200	0.65	0.50	0.60	0.65	0.60	0.65	0.70

Altezza di sospensione[1]	Isolamento	Intercapedine	α_w*	Coefficiente di assorbimento acustico α_p per frequenza					
mm	mm	mm		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
213	-	200	0.40	0.50	0.55	0.60	0.45	0.40	0.40

[1] Per Gyptone® bordo A, altezza di sospensione = 210 mm

* Coefficente di assorbimento acustio ponderato

Gyptone® Quattro 55

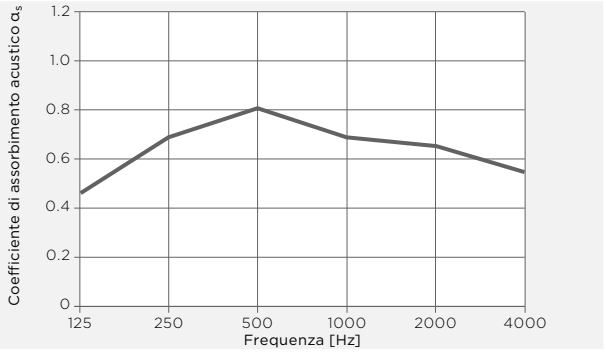


Spessore pannello: 12.5 mm

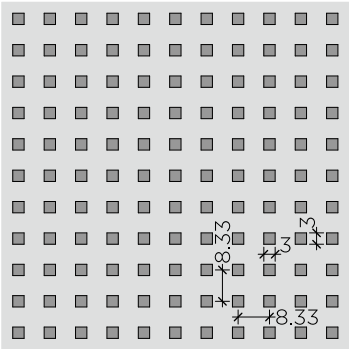
Massa per superficie: ca. 8.0 kg/m²

Percentuale di foratura: 16.0 %

Reazione al fuoco secondo DIN EN 13501: A2-s1, d0



Gyptone® Quattro 70

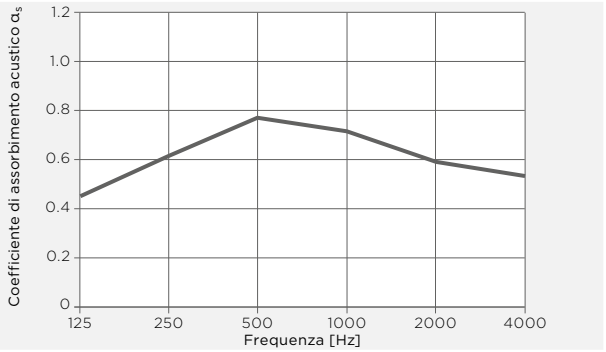


Spessore pannello: 12.5 mm

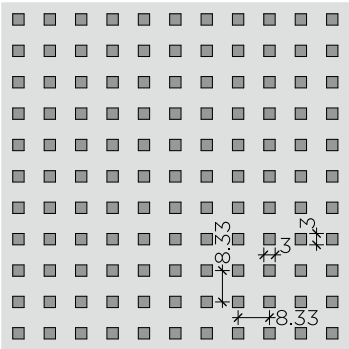
Massa per superficie: ca. 8.0 kg/m²

Percentuale di foratura: 11.0 %

Reazione al fuoco secondo DIN EN 13501: A2-s1, d0



Gyptone® Quattro 75

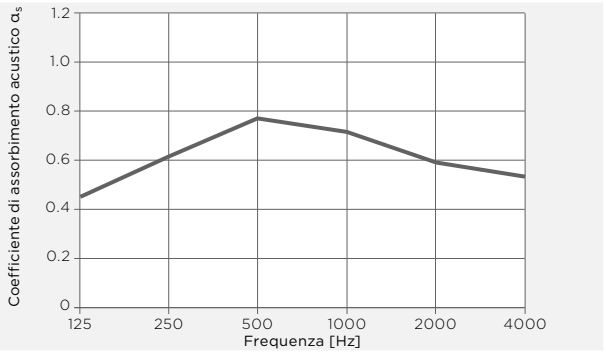


Spessore pannello: 12.5 mm

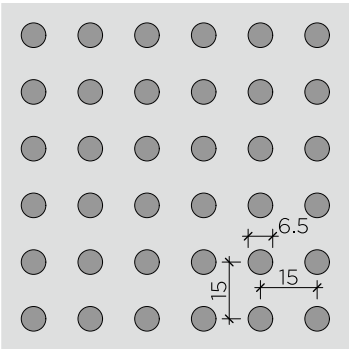
Massa per superficie: ca. 8.0 kg/m²

Percentuale di foratura: 10.0 %

Reazione al fuoco secondo DIN EN 13501: A2-s1, d0



Gyptone® Point 11

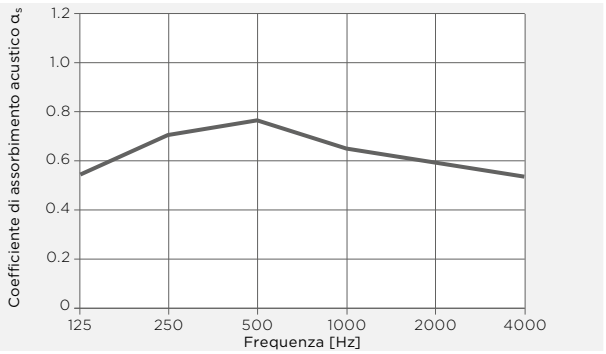


Spessore pannello: 12.5 mm

Massa per superficie: ca. 8.0 kg/m²

Percentuale di foratura: 12.0 %

Reazione al fuoco secondo DIN EN 13501: A2-s1, d0



Altezza intercapedine 200 mm, senza isolamento

Altezza di sospensione[1]	Isolamento	Intercapedine	α_w*	Coefficiente di assorbimento acustico α_p per frequenza					
mm	mm	mm		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
213	-	200	0.65	0.45	0.70	0.80	0.70	0.65	0.55

Altezza di sospensione[1]	Isolamento	Intercapedine	α_w*	Coefficiente di assorbimento acustico α_p per frequenza					
mm	mm	mm		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
213	-	200	0.65	0.45	0.60	0.75	0.70	0.60	0.55

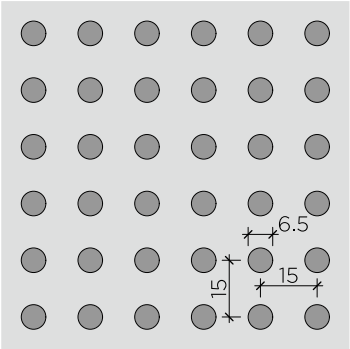
Altezza di sospensione[1]	Isolamento	Intercapedine	α_w*	Coefficiente di assorbimento acustico α_p per frequenza					
mm	mm	mm		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
213	-	200	0.65	0.45	0.60	0.75	0.70	0.60	0.55

Altezza di sospensione[1]	Isolamento	Intercapedine	α_w*	Coefficiente di assorbimento acustico α_p per frequenza					
mm	mm	mm		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
213	-	200	0.65	0.55	0.70	0.75	0.65	0.60	0.55

[1] Per Gyptone® bordo A, altezza di sospensione = 210 mm

* Coefficente di assorbimento acustio ponderato

Gyptone® Point 12

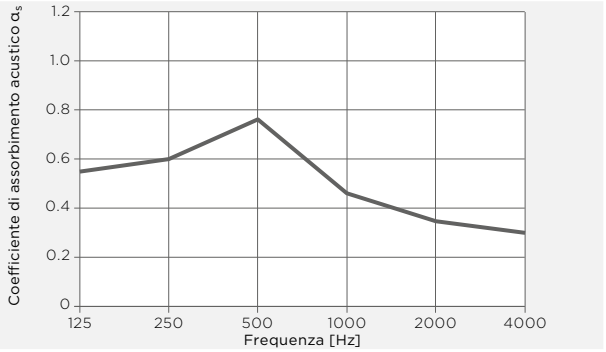


Spessore pannello: 12.5 mm

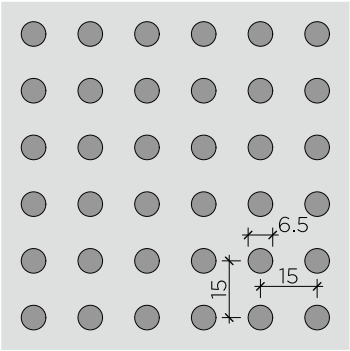
Massa per superficie: ca. 8.0 kg/m²

Percentuale di foratura: 5.0 %

Reazione al fuoco secondo DIN EN 13501: A2-s1, d0



Gyptone® Point 15

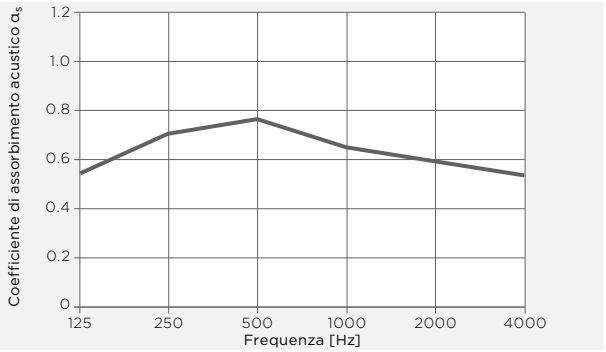


Spessore pannello: 12.5 mm

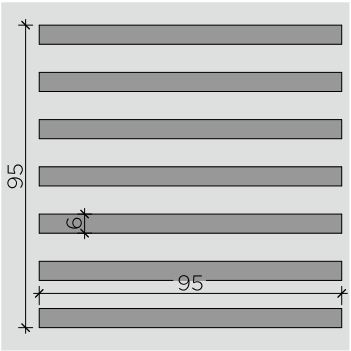
Massa per superficie: ca. 8.0 kg/m²

Percentuale di foratura: 11.0 %

Reazione al fuoco secondo DIN EN 13501: A2-s1, d0



Gyptone® Line 4

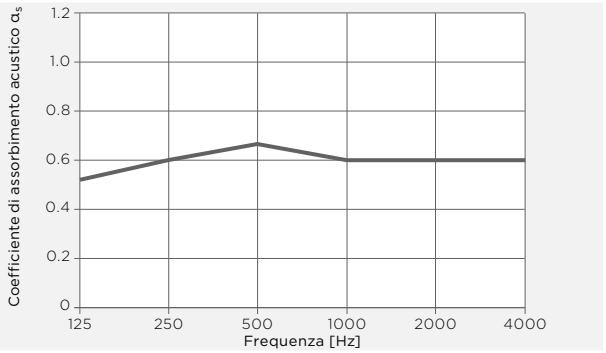


Spessore pannello: 12.5 mm

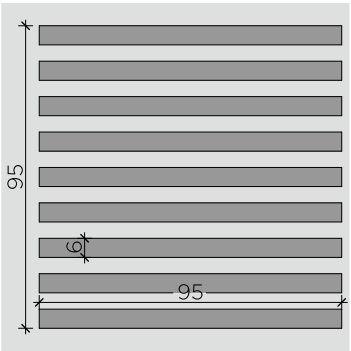
Massa per superficie: ca. 8.0 kg/m²

Percentuale di foratura: 18.0 %

Reazione al fuoco secondo DIN EN 13501: A2-s1, d0



Gyptone® Line 8

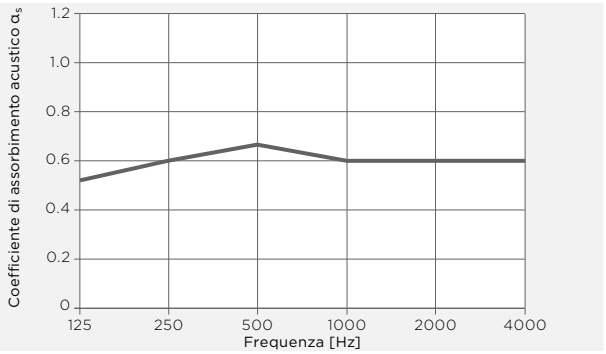


Spessore pannello: 12.5 mm

Massa per superficie: ca. 8.0 kg/m²

Percentuale di foratura: 15.0 %

Reazione al fuoco secondo DIN EN 13501: A2-s1, d0



Altezza intercapedine 200 mm, senza isolamento

Altezza di sospensione[1]	Isolamento	Intercapedine	α_w*	Coefficiente di assorbimento acustico α_p per frequenza					
mm	mm	mm		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
213	-	200	0.30	0.55	0.60	0.75	0.45	0.35	0.30

Altezza di sospensione[1]	Isolamento	Intercapedine	α_w*	Coefficiente di assorbimento acustico α_p per frequenza					
mm	mm	mm		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
213	-	200	0.65	0.55	0.70	0.75	0.65	0.60	0.55

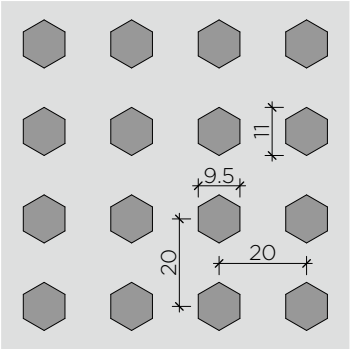
Altezza di sospensione[1]	Isolamento	Intercapedine	α_w*	Coefficiente di assorbimento acustico α_p per frequenza					
mm	mm	mm		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
213	-	200	0.60	0.50	0.60	0.65	0.60	0.60	0.60

Altezza di sospensione[1]	Isolamento	Intercapedine	α_w*	Coefficiente di assorbimento acustico α_p per frequenza					
mm	mm	mm		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
213	-	200	0.60	0.50	0.60	0.65	0.60	0.60	0.60

[1] Per Gyptone® bordo A, altezza di sospensione = 210 mm

* Coefficente di assorbimento acustio ponderato

Gyptone® Sixto 60

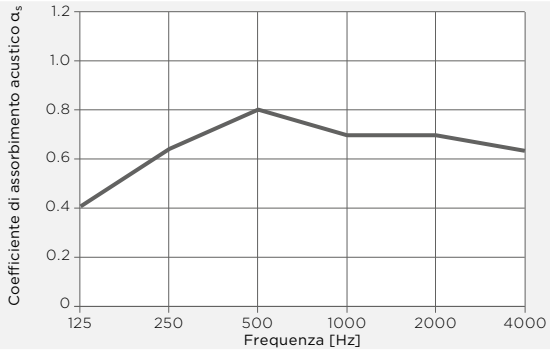


Spessore pannello: 12.5 mm

Massa per superficie:
ca. 8.0 kg/m²

Percentuale di foratura: 17.0 %

Reazione al fuoco secondo
DIN EN 13501: A2-s1, d0



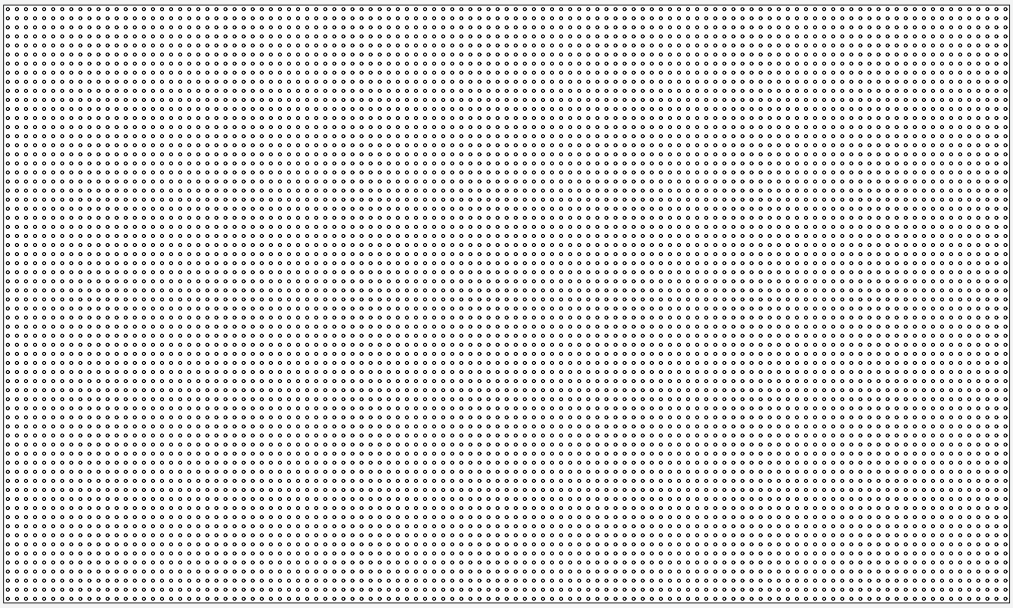
Altezza intercapedine 200 mm, senza isolamento

Altezza di sospensione[1]	Isolamento	Intercapedine	α_w*	Coefficiente di assorbimento acustico α_p per frequenza					
mm	mm	mm		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
213	-	200	0.75	0.40	0.65	0.80	0.70	0.70	0.65

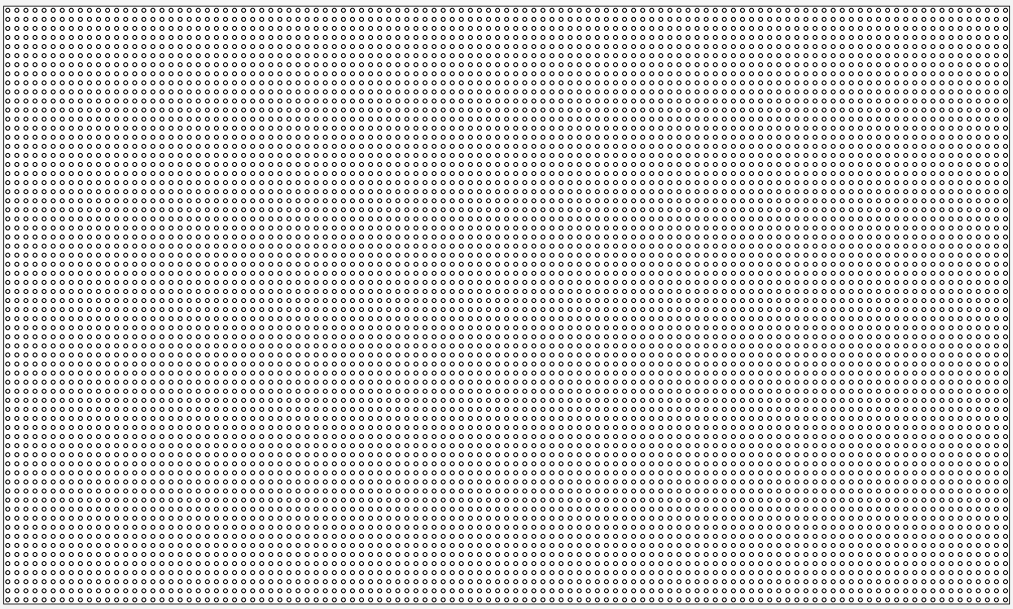
[1] Per Gyptone® bordo A, altezza di sospensione = 210 mm

* Coefficente di assorbimento acustio ponderato

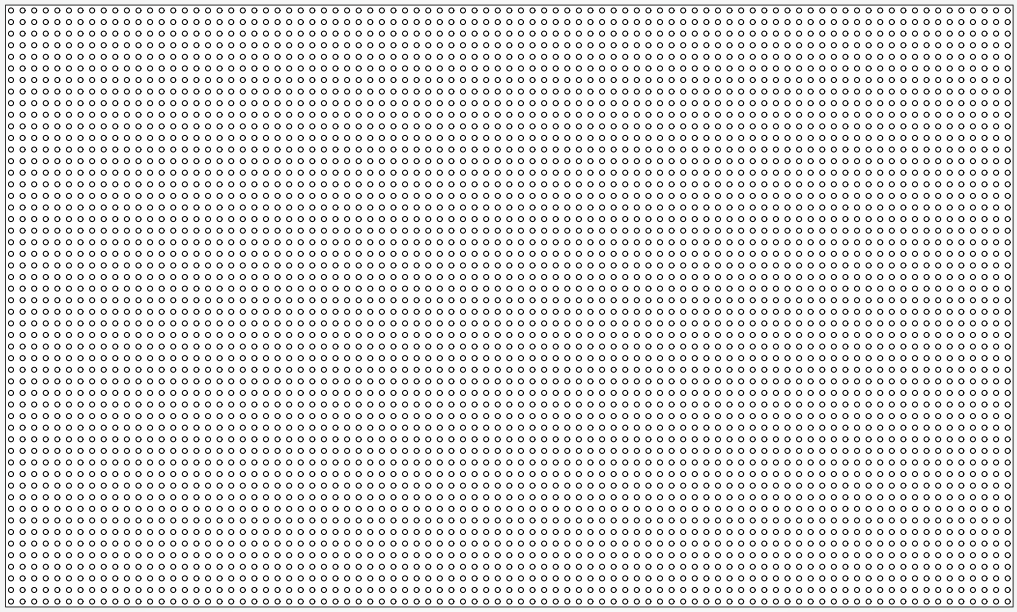
Rigiton® Ambiance Primeline AP-RL 6/18 (Scala: 1:15)



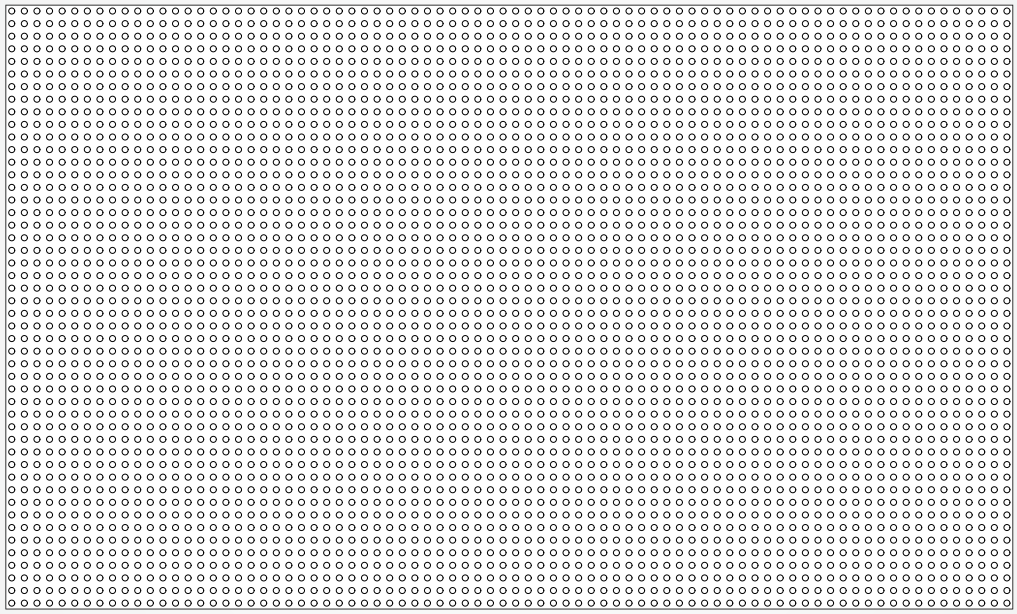
Rigiton® Ambiance Primeline AP-RL 8/18 (Scala: 1:15)



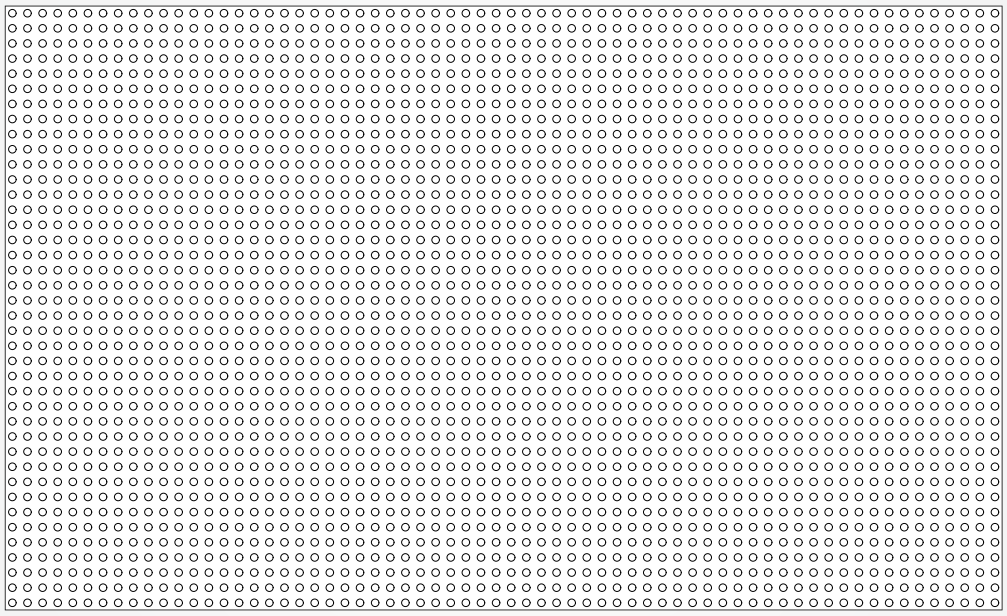
Rigiton® Ambiance Primeline AP-RL 10/23 (Scala: 1:15)



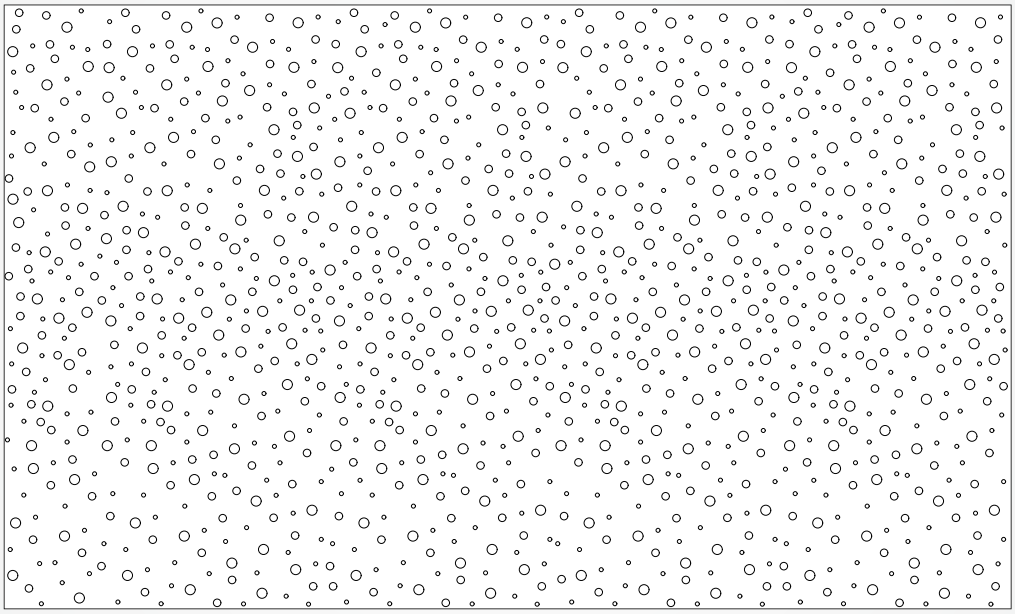
Rigiton® Ambiance Primeline AP-RL 12/25 (Scala: 1:15)



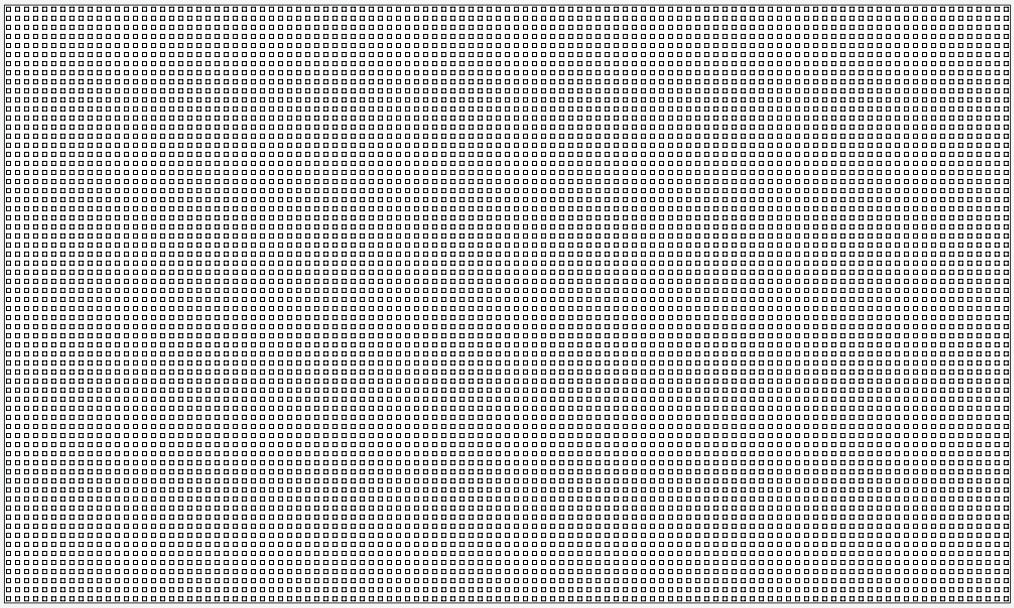
Rigiton® Ambiance Primeline AP-RL 15/30 (Scala: 1:15)



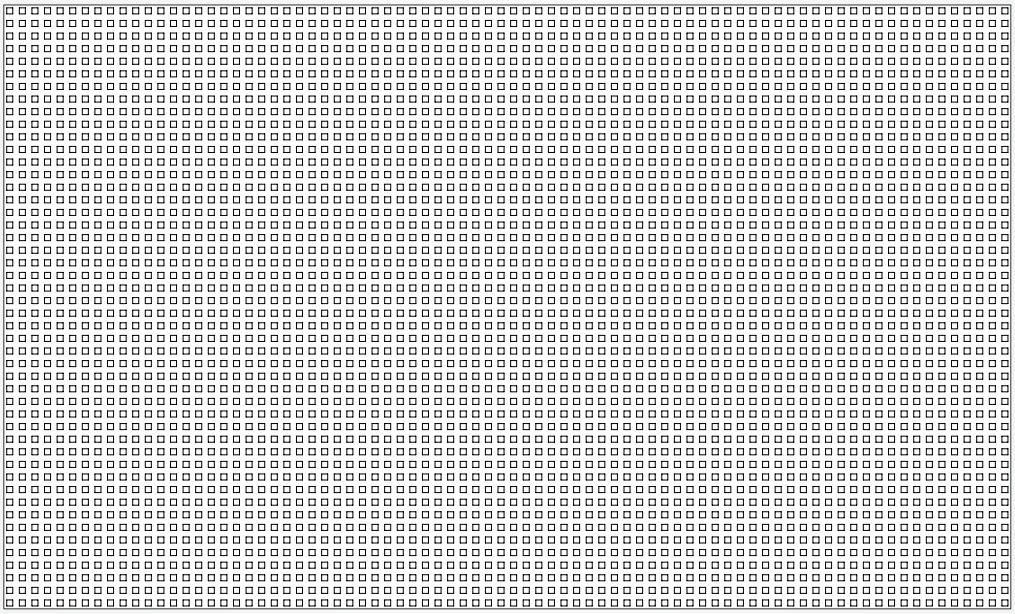
Rigiton® Ambiance Primeline AP-SL/RL 8/15/20 (Scala: 1:15)



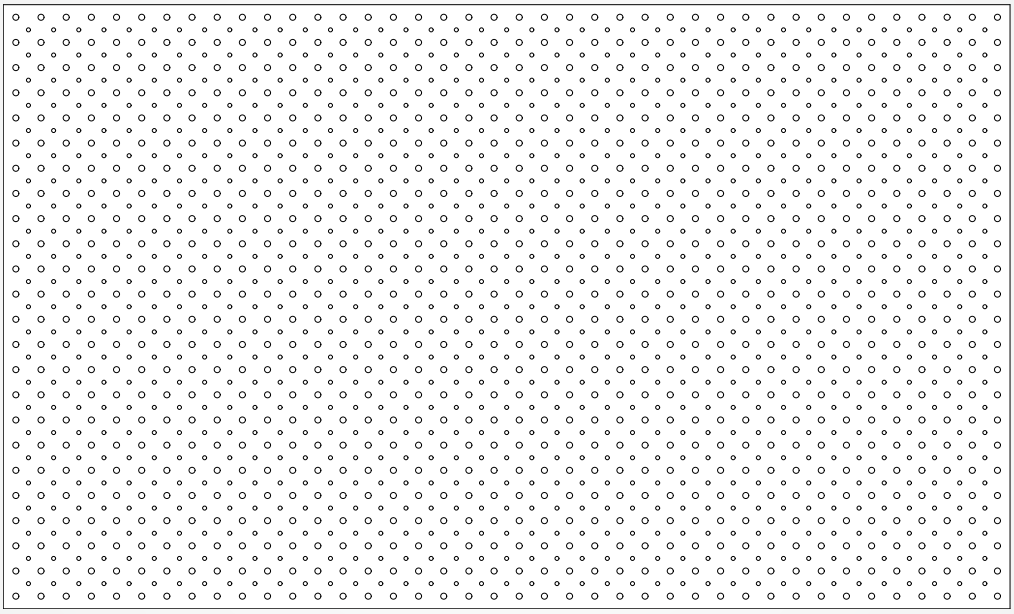
Rigiton® Ambiance Primeline AP-QL 8/18 (Scala: 1:15)



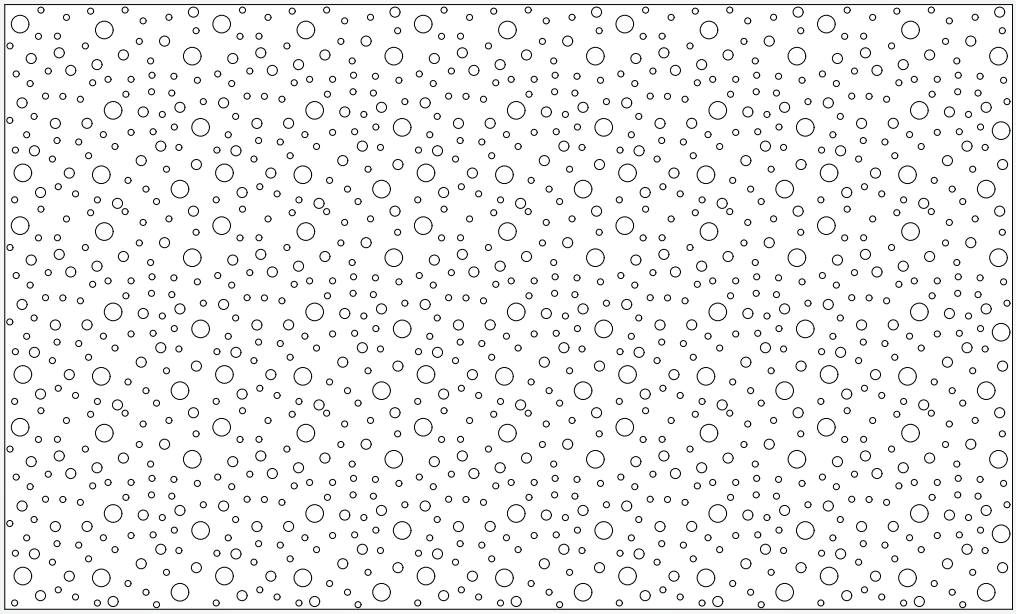
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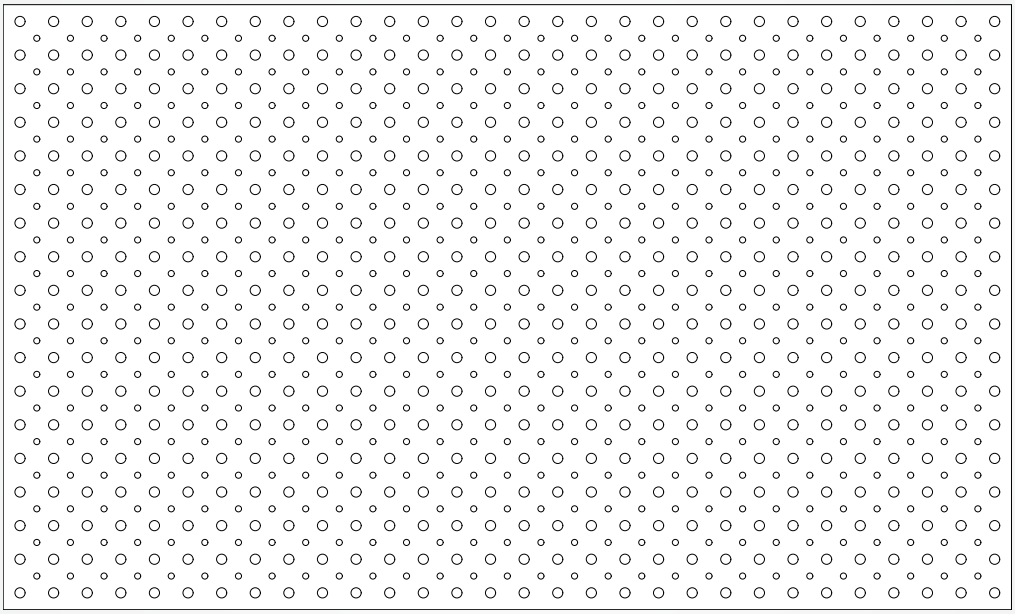
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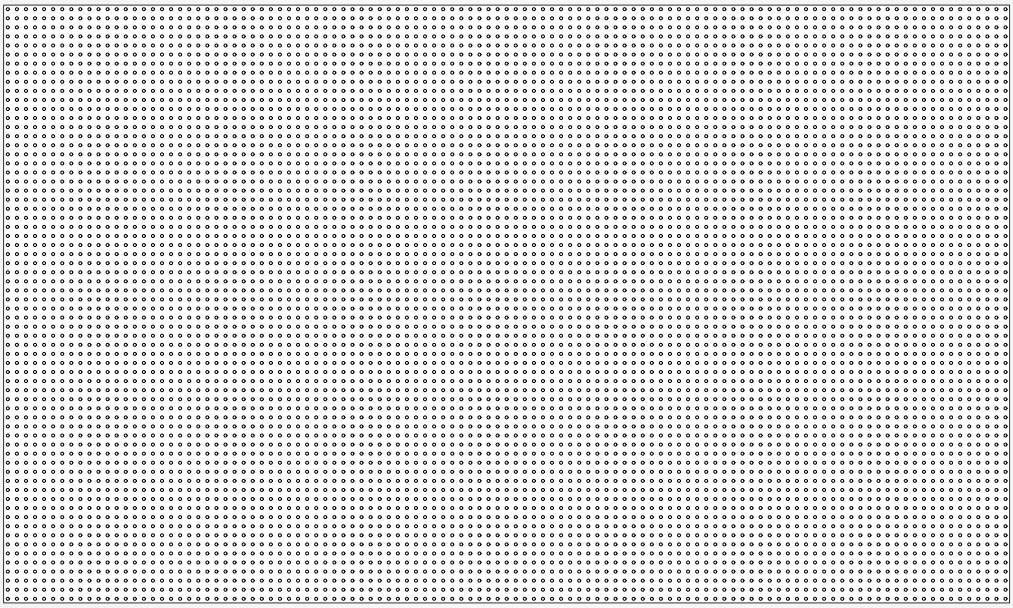
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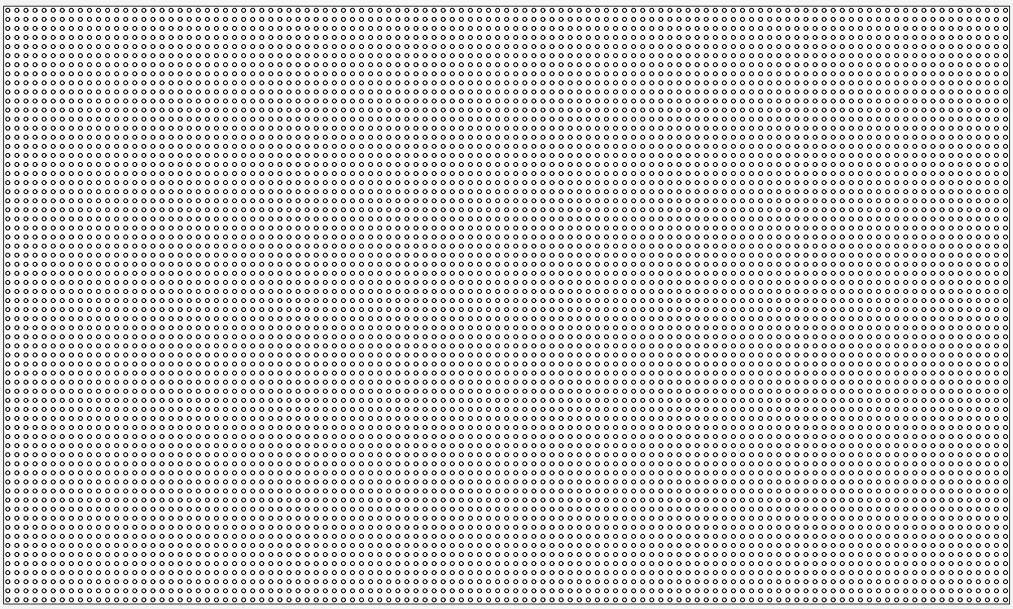
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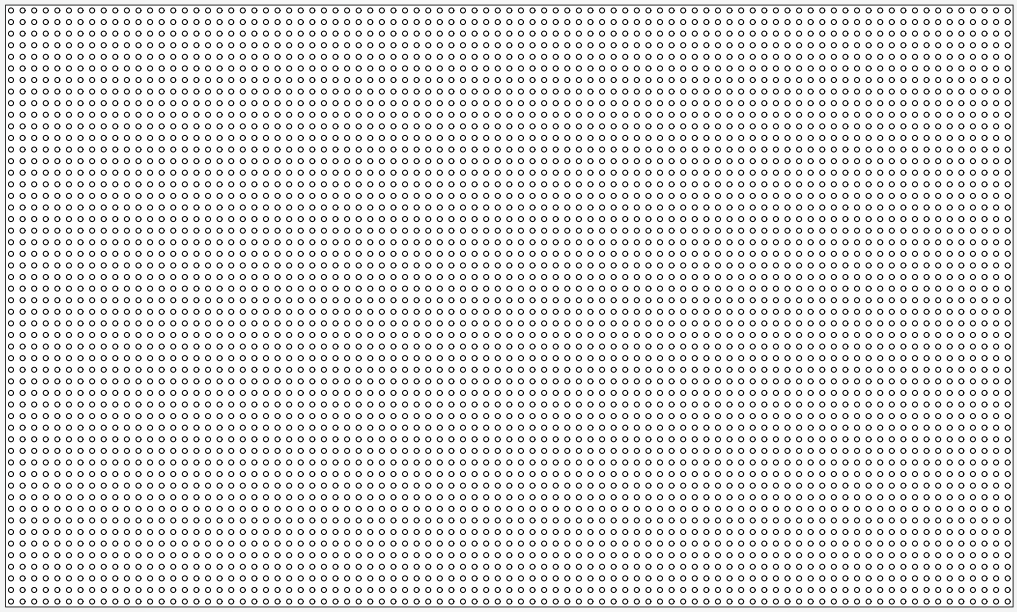
Rigiton® Ambiance giunti stuccati AS-RL 6/18 (Scala: 1:15)



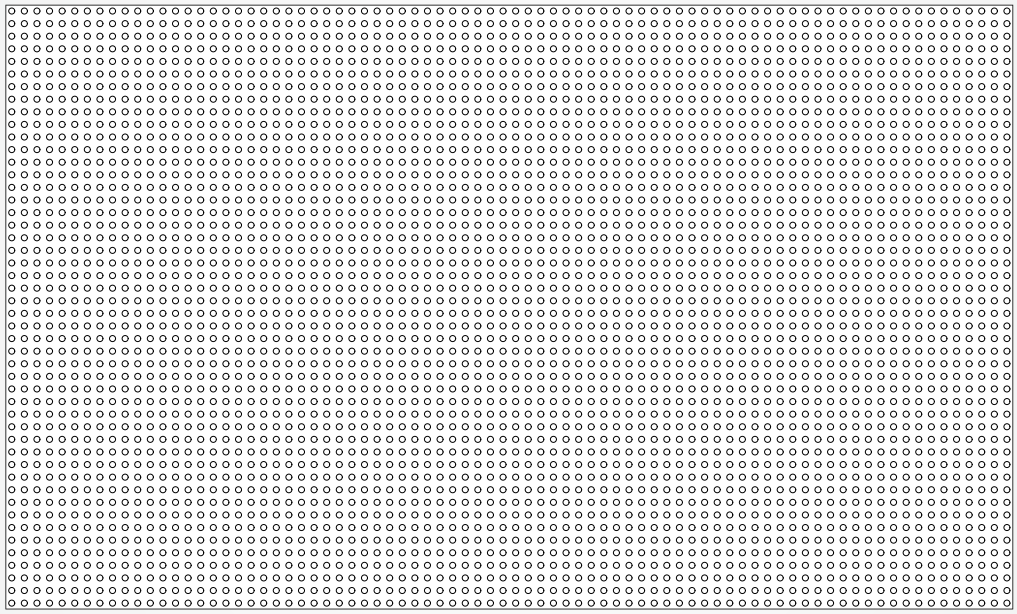
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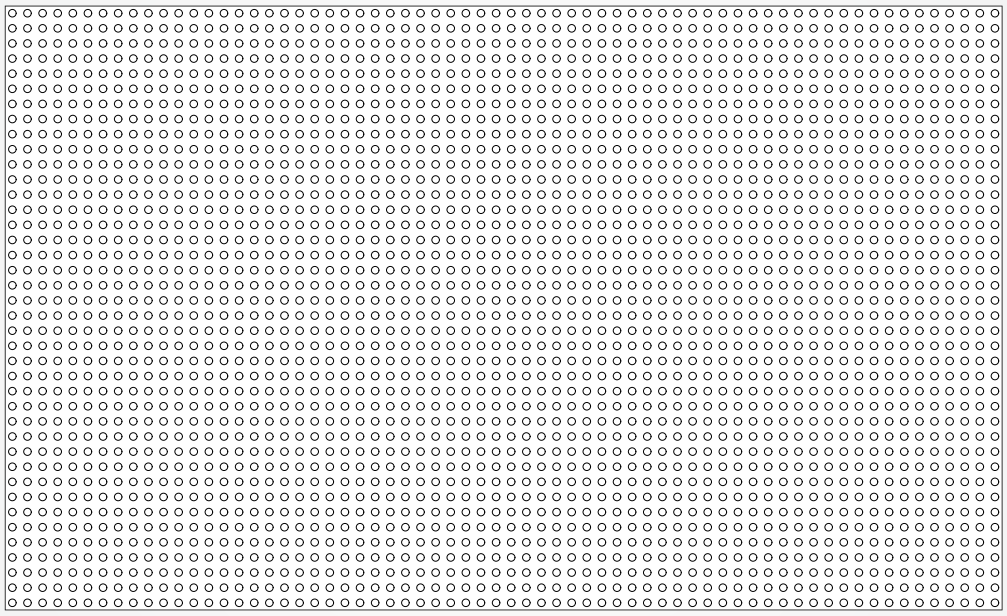
Rigiton® Ambiance giunti stuccati AS-RL 10/23 (Scala: 1:15)



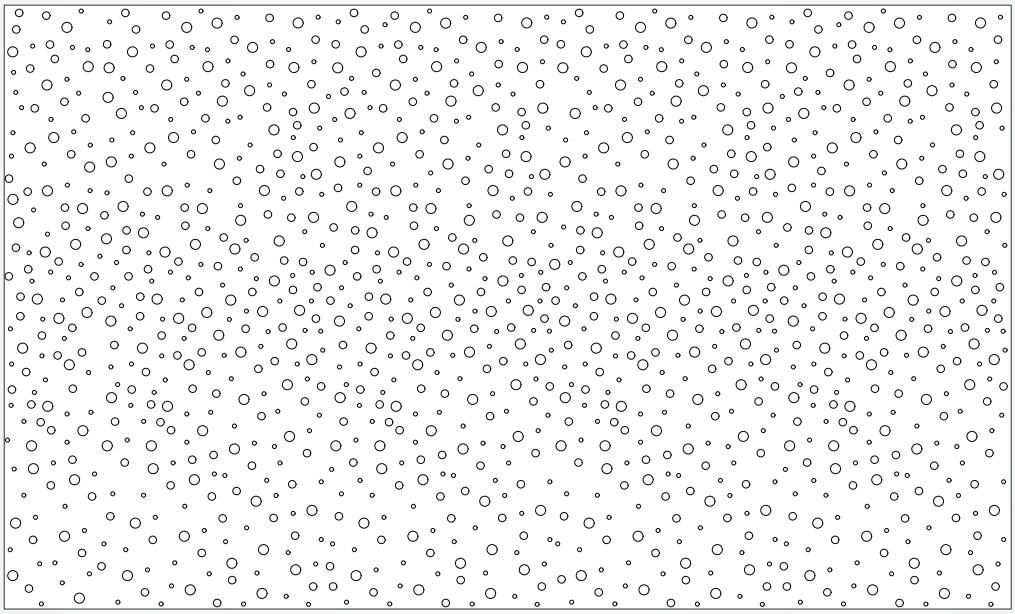
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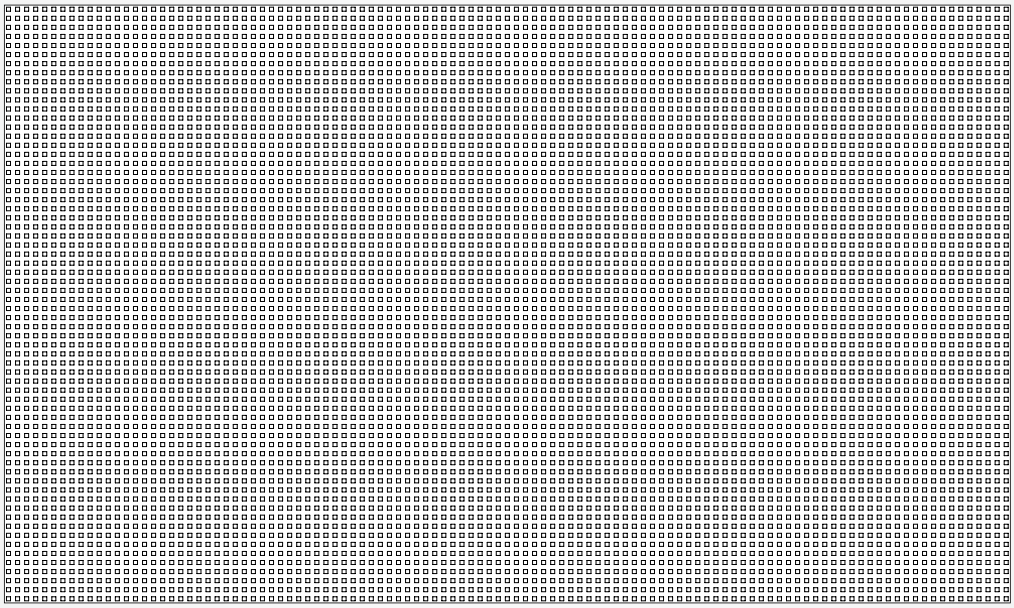
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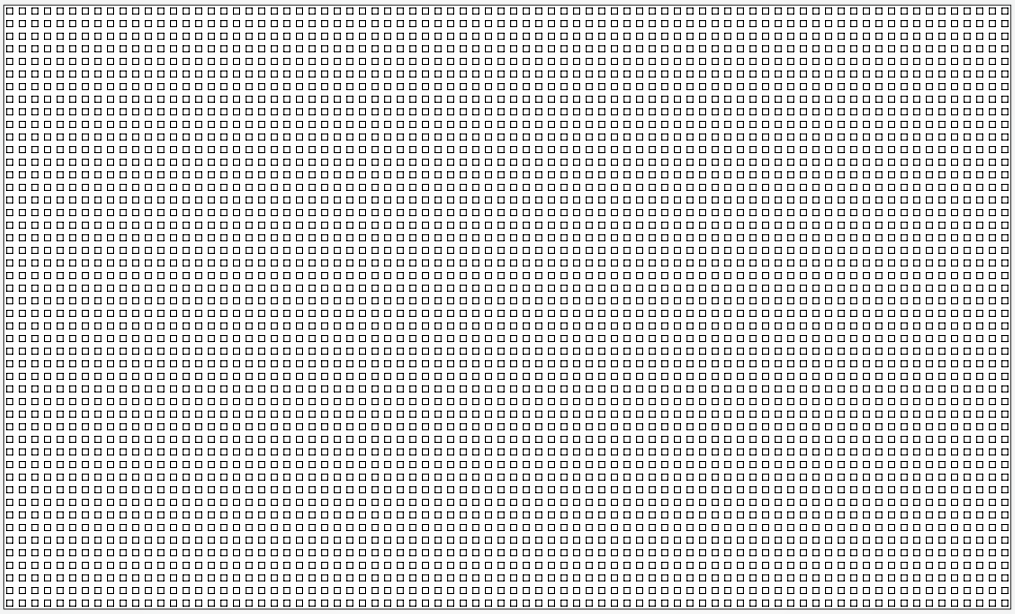
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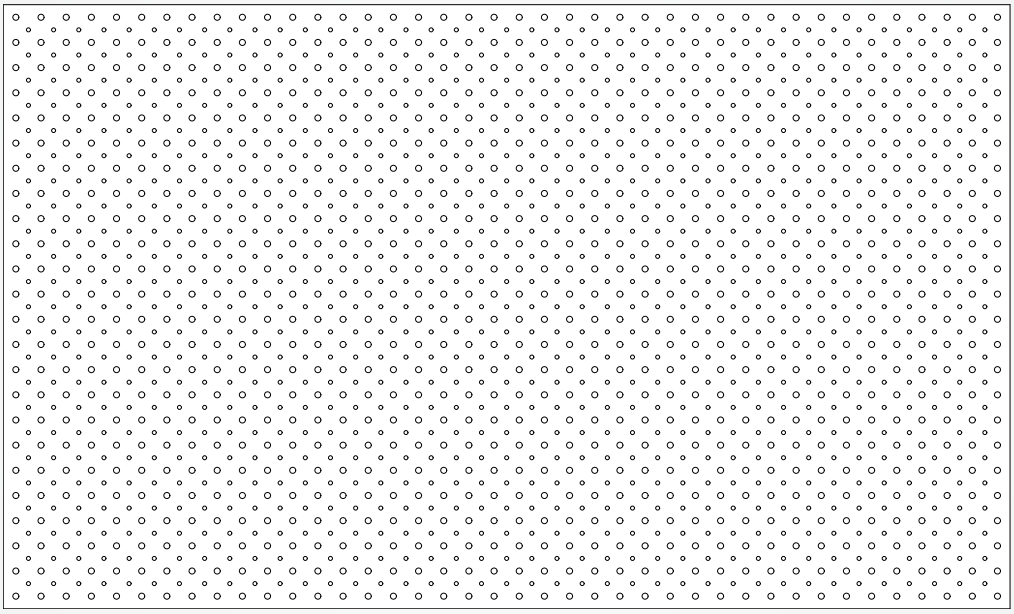
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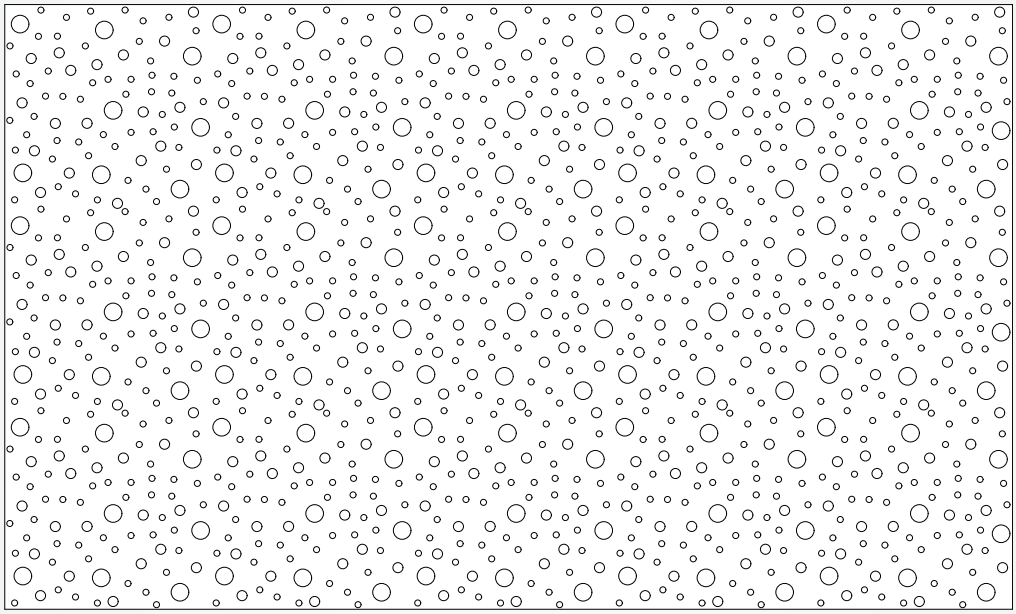
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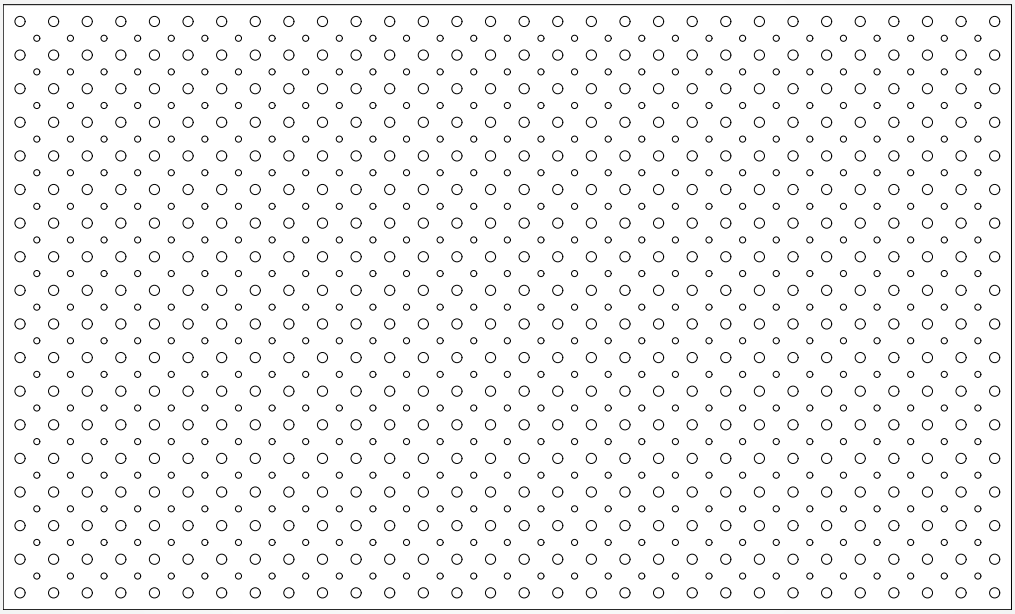
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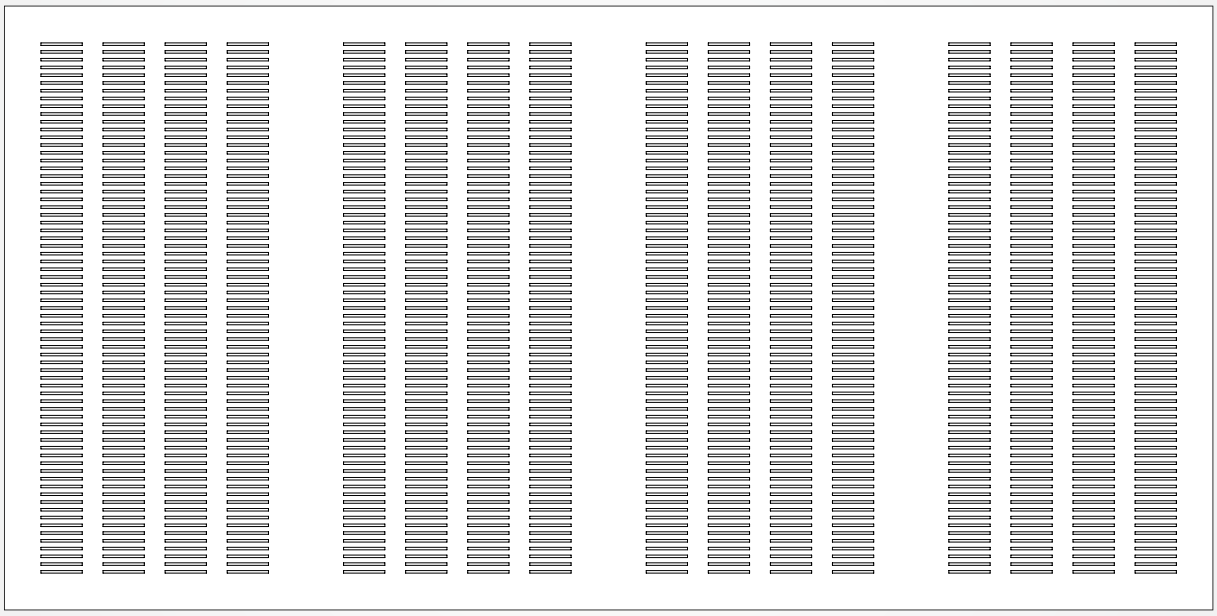
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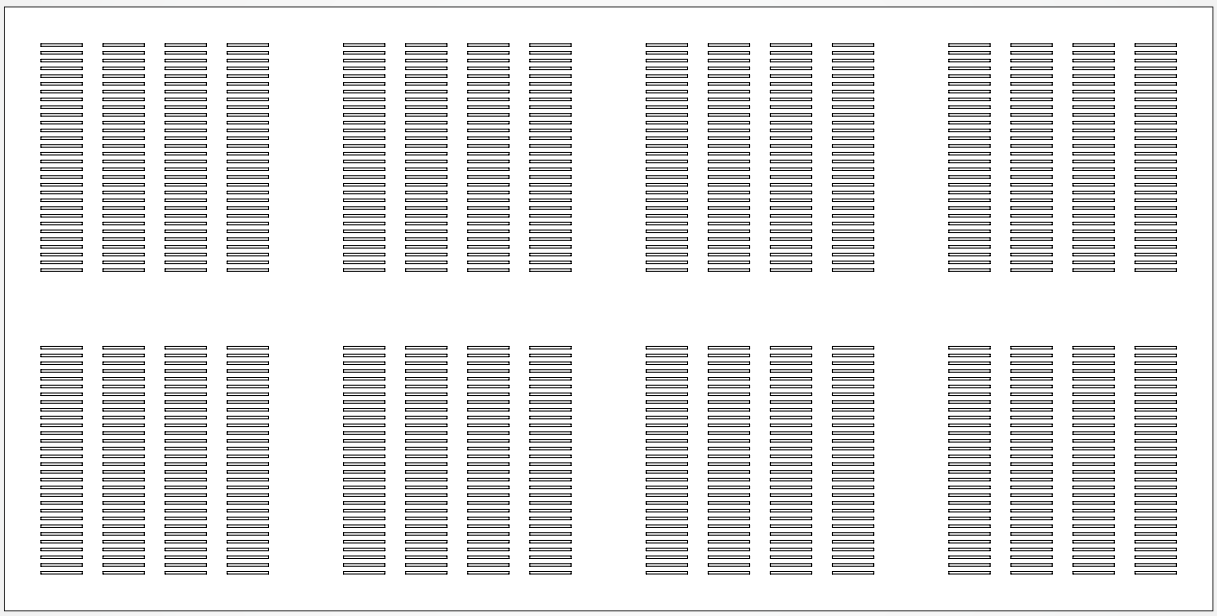
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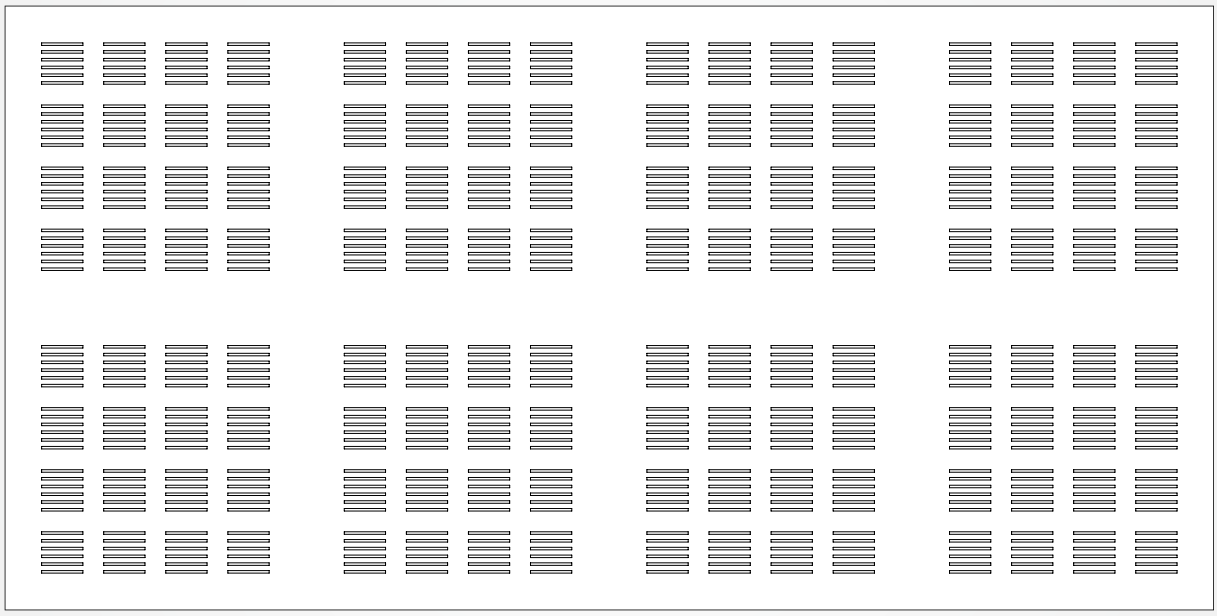
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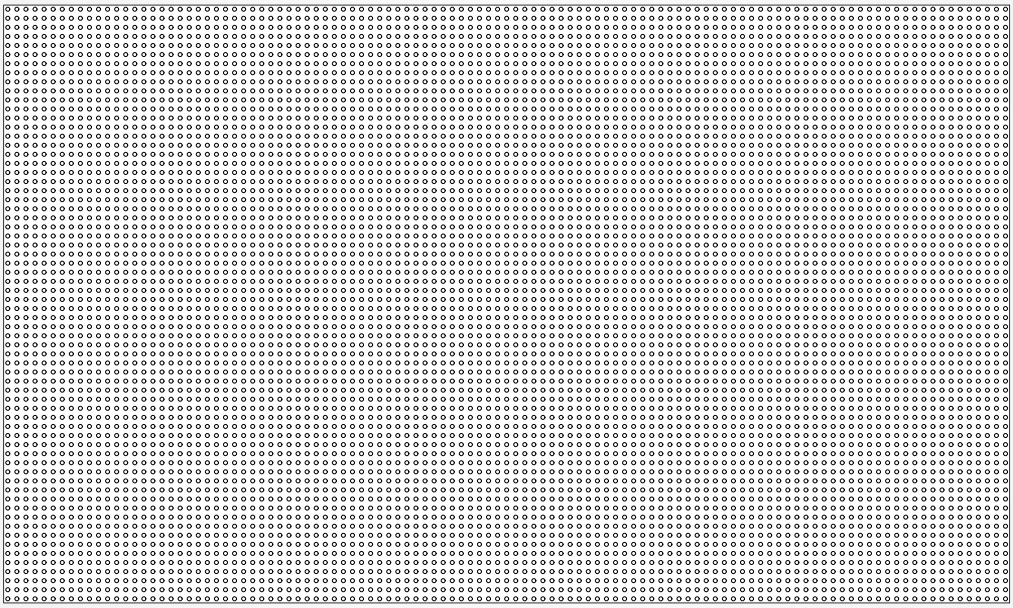
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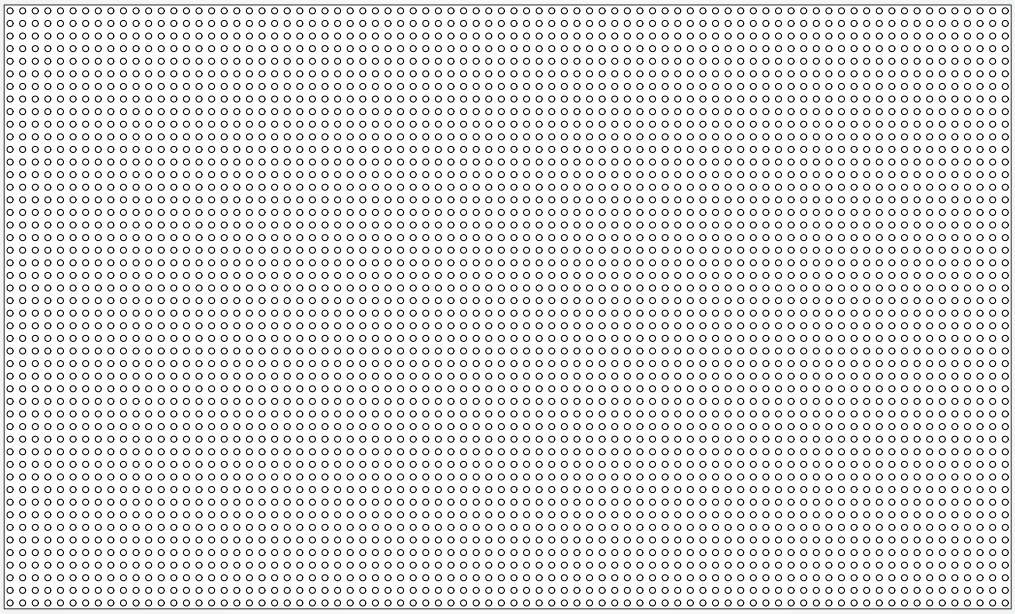
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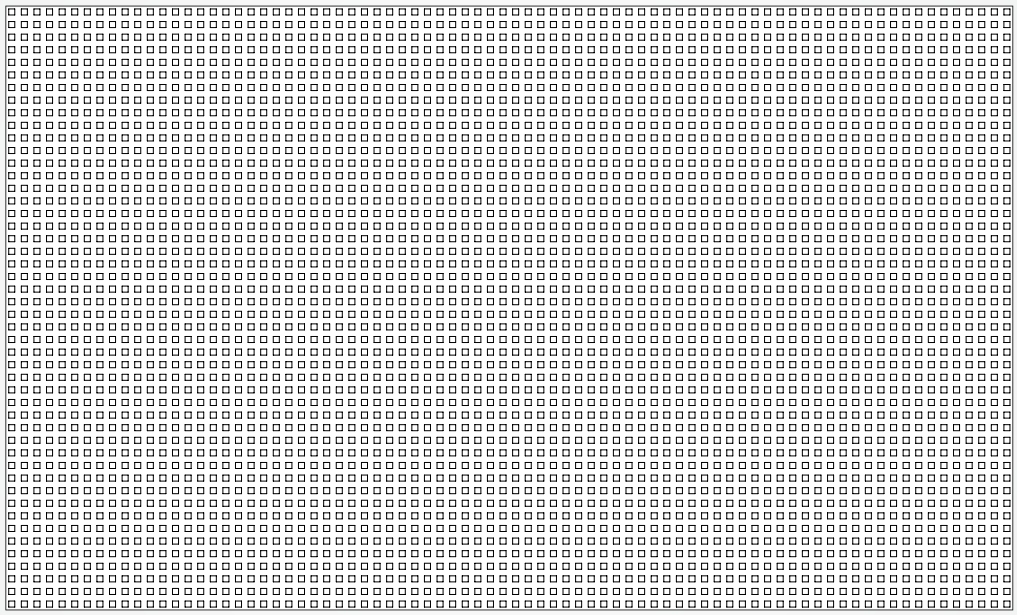
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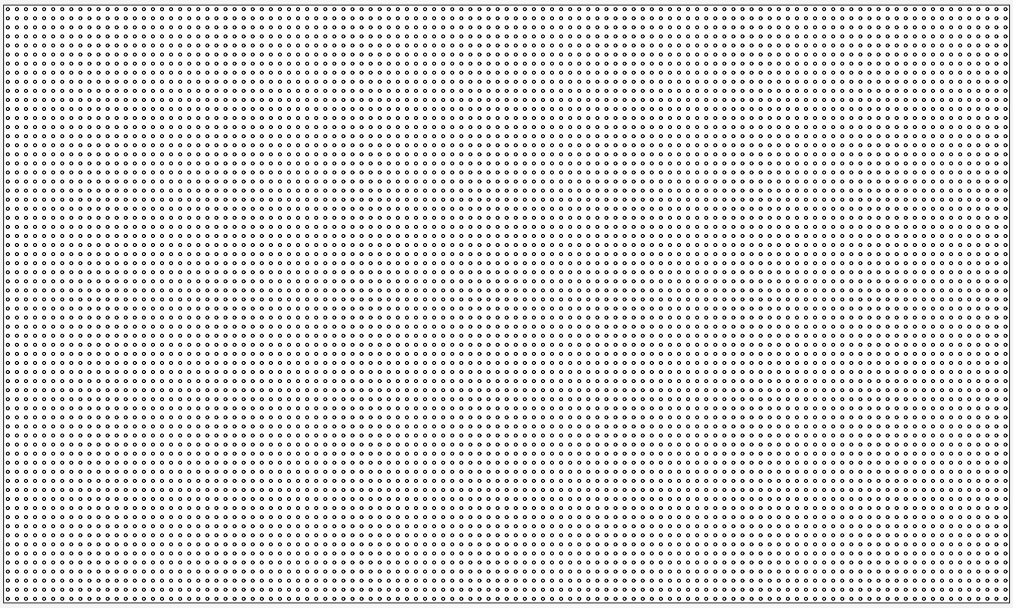
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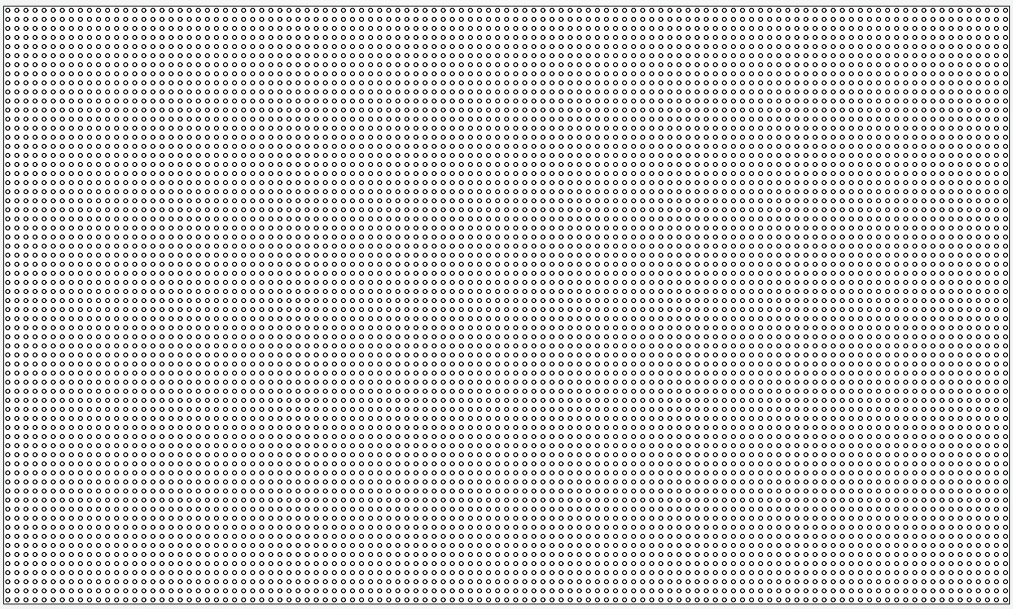
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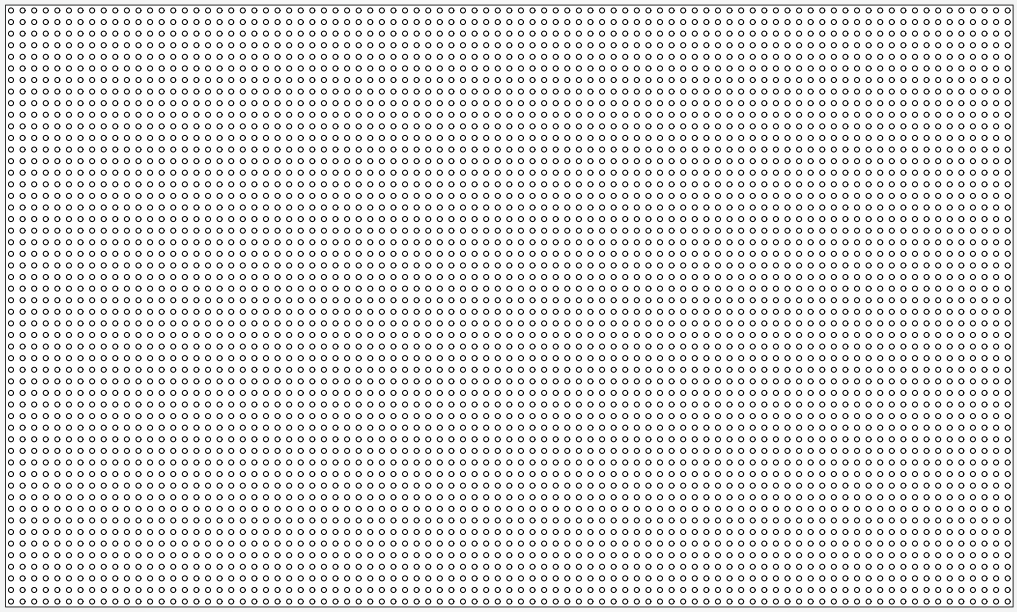
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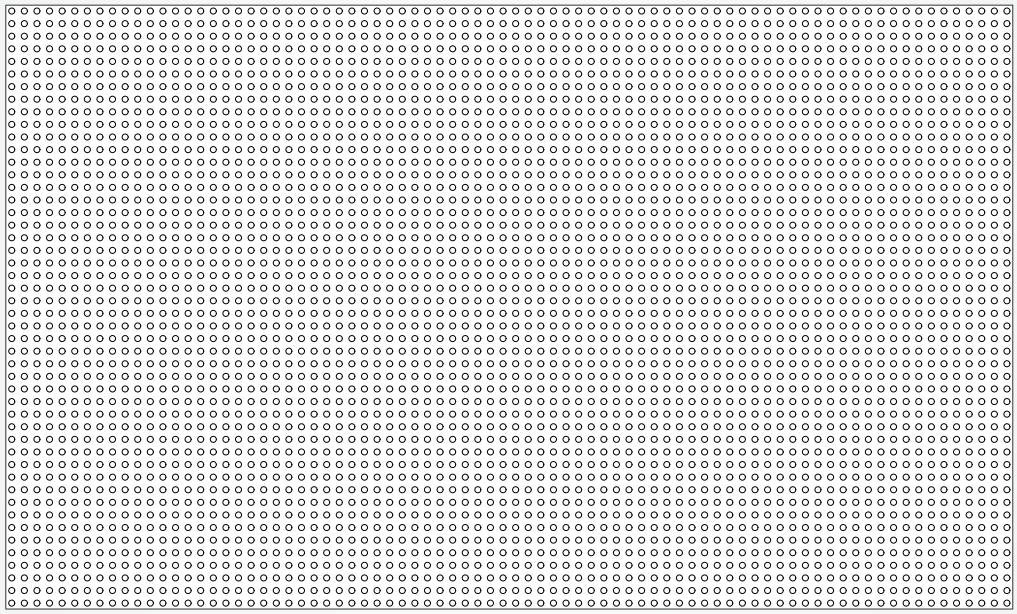
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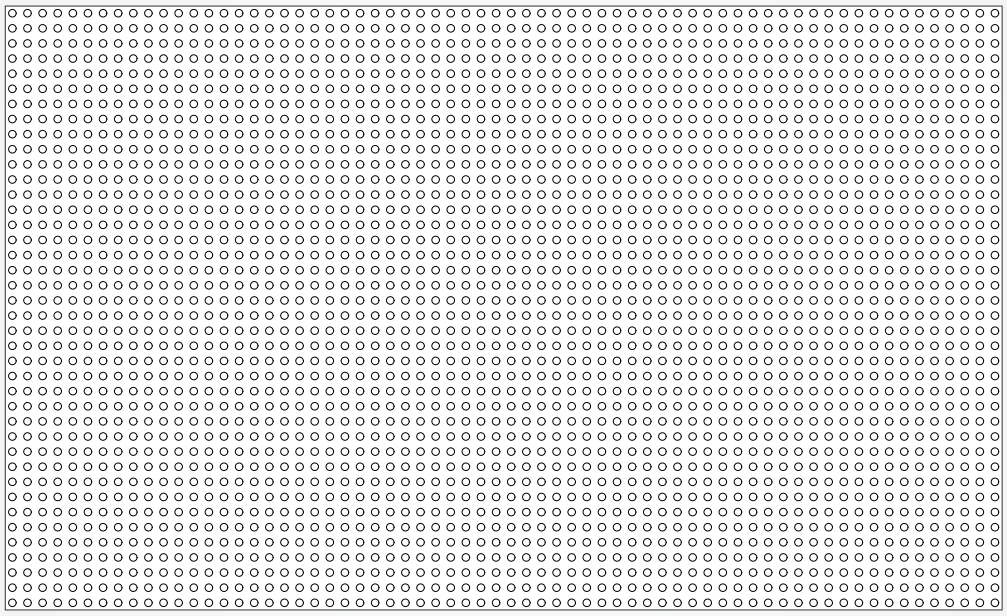
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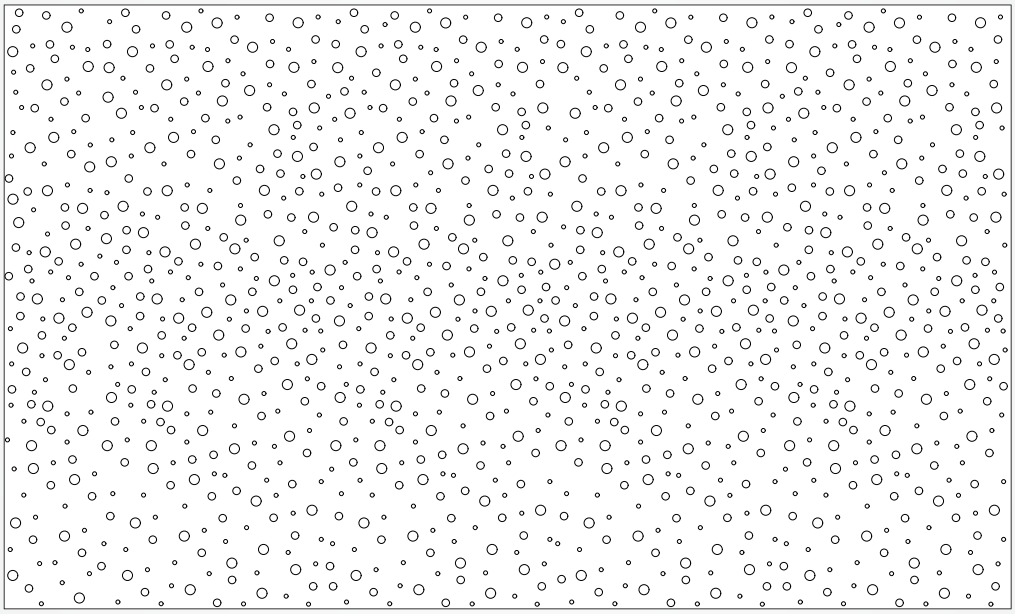
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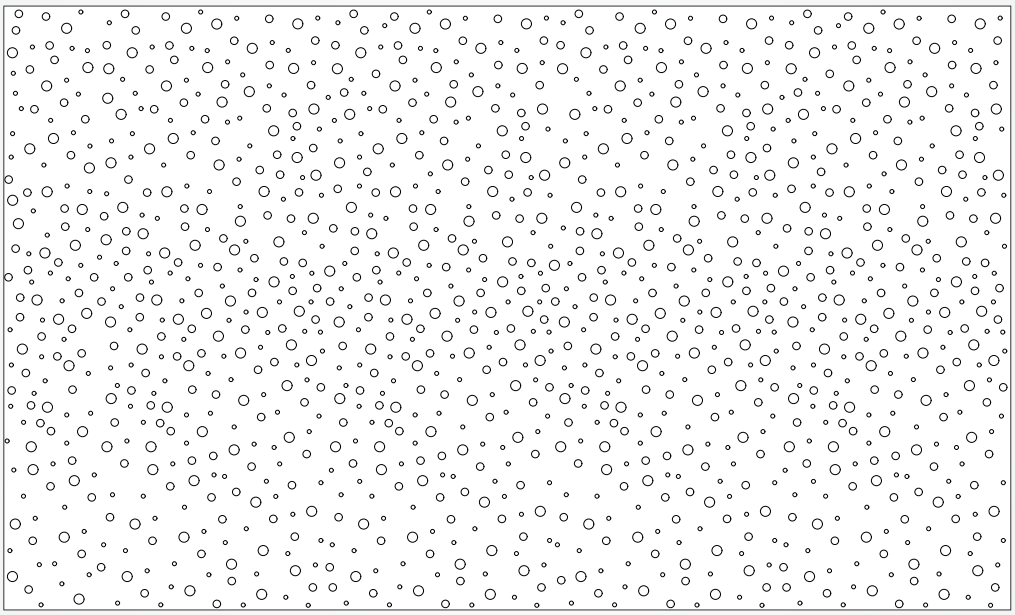
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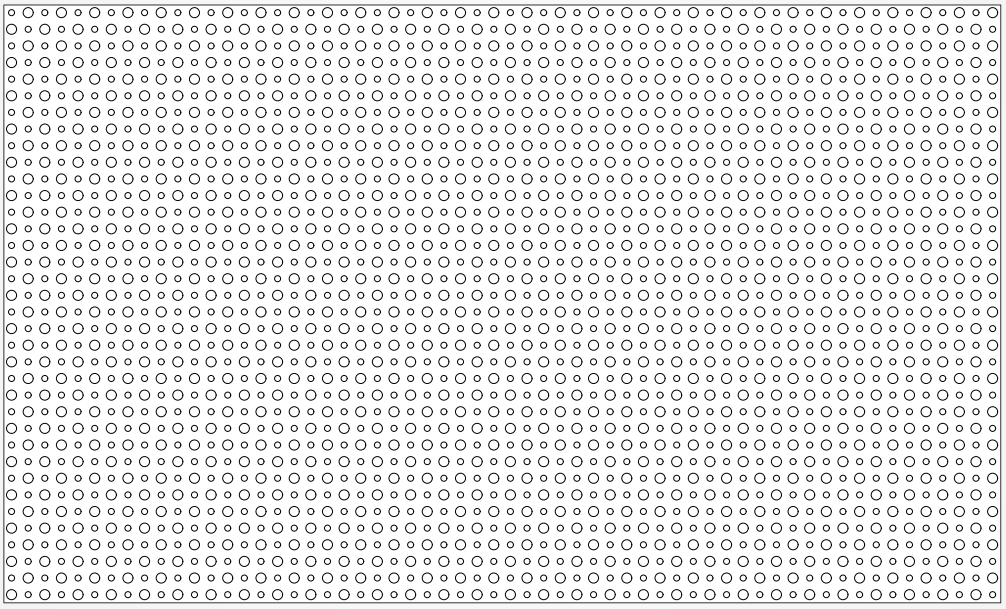
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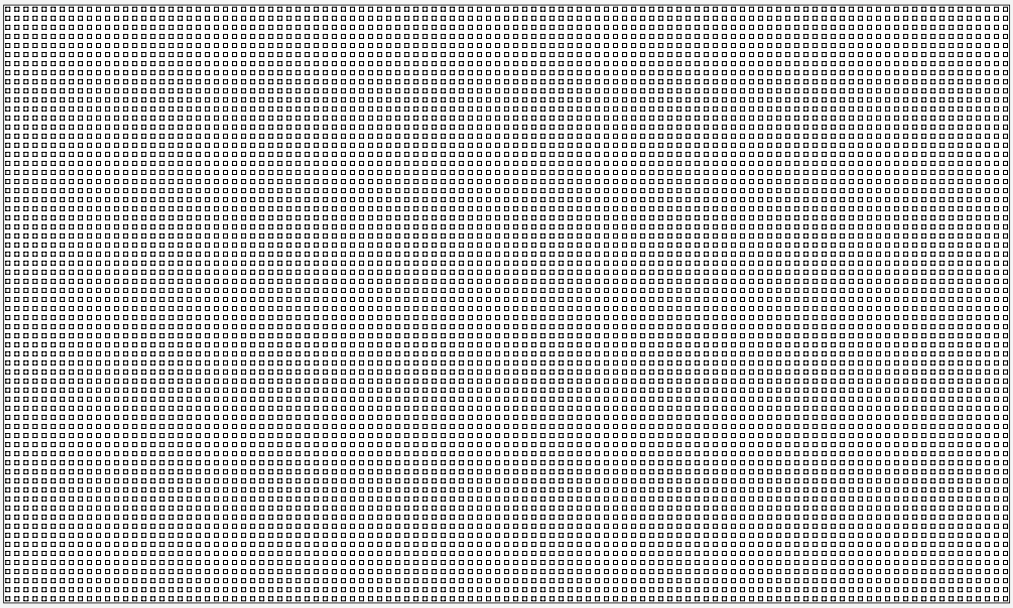
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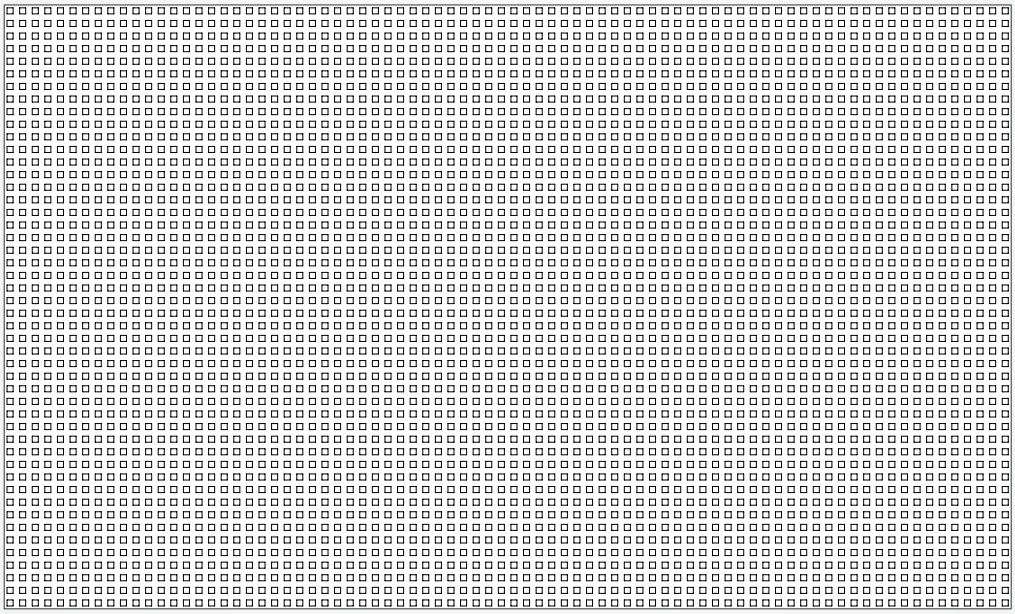
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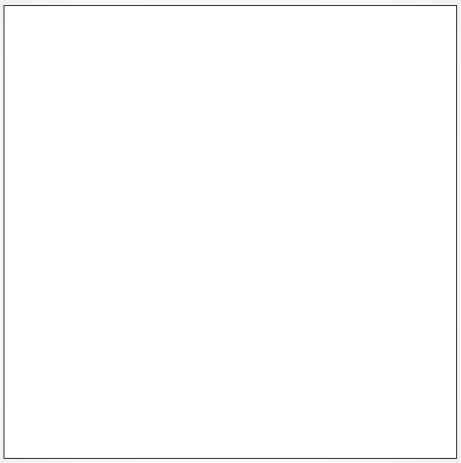
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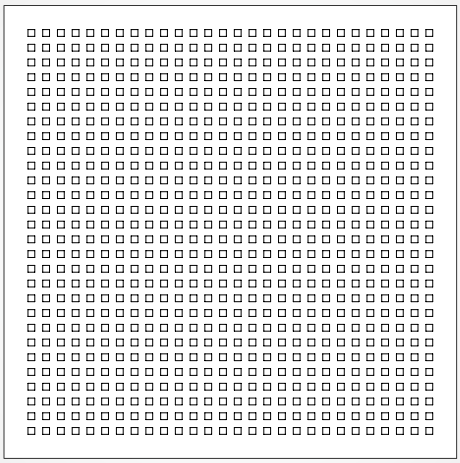
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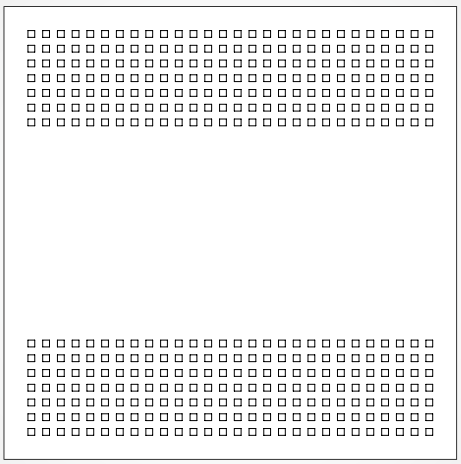
Gyptone® Base 31 (Scala: 1:15)



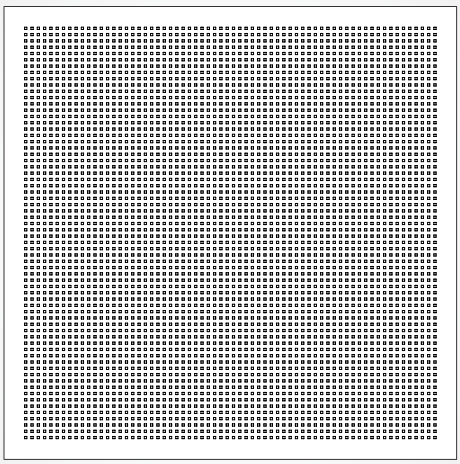
Gyptone® Quattro 20 (Scala: 1:15)



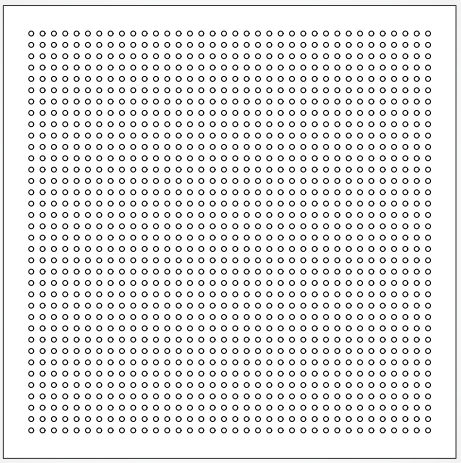
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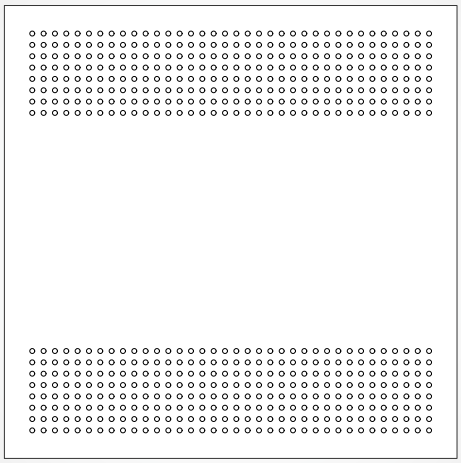
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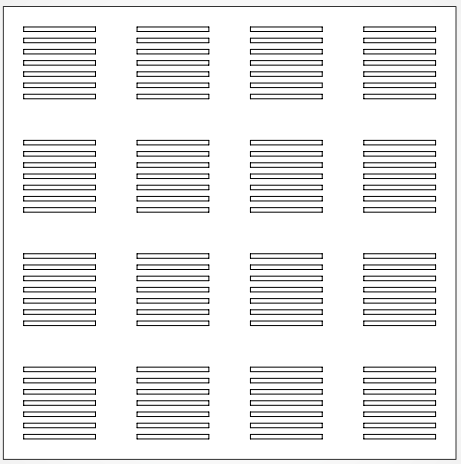
Gyptone® Point 11 (Scala: 1:15)



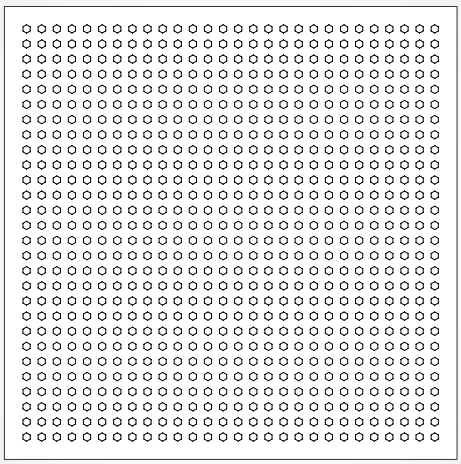
Gyptone® Point 12 (Scala: 1:15)



Gyptone® Line 4 (Scala: 1:15)



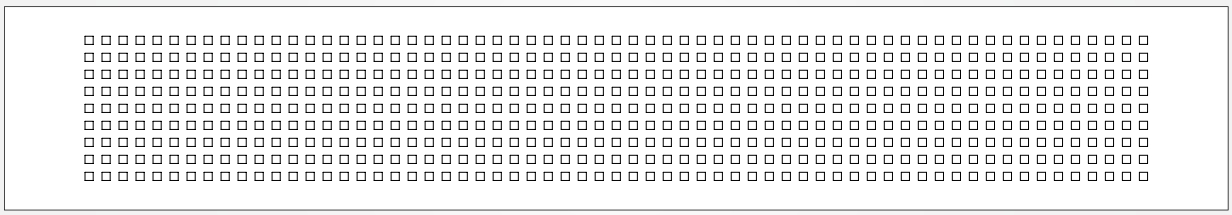
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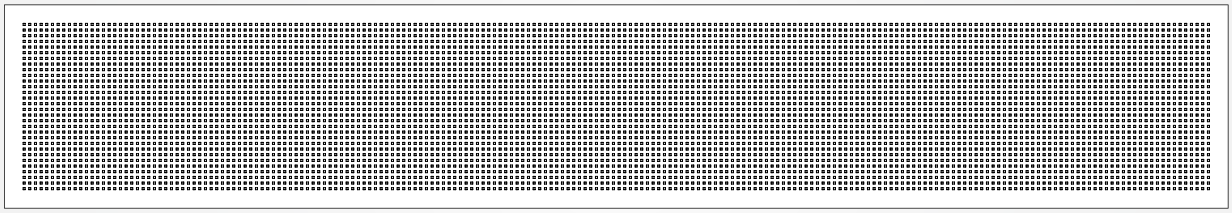
Gyptone® Base 33 (Scala: 1:15)



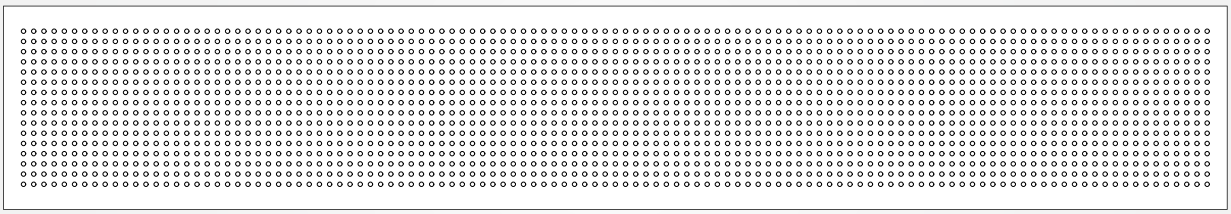
Gyptone® Quattro 55 (Scala: 1:15)



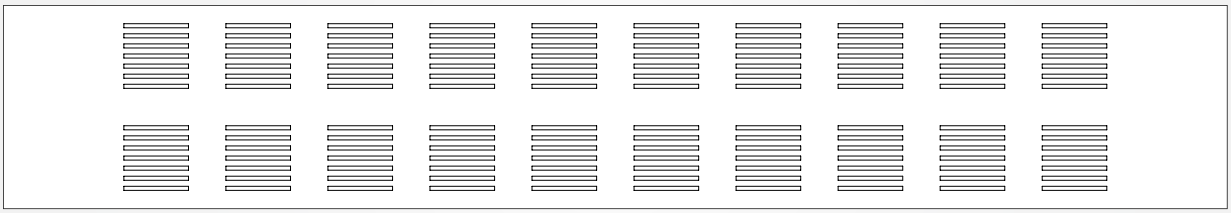
Gyptone® Quattro 75 (Scala: 1:15)



Gyptone® Point 15 (Scala: 1:15)



Gyptone® Line 8 (Scala: 1:15)



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Con riserva di modifiche / Versione 1.4b