



Puucomp technical manual



the wood interior professionals



Neste Oil



Golden Tulip



Copperhill



Energinet



Neste Oil



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Fantastic results with precise and flexible design

All our products are custom-made - just the way you want them. Edge profiles, acoustic perforations and different panel sizes are all available to you, all with fire classification compliance. All products have been tested according to Euroclass standards. Veneered fibrous gypsum panels by Puucomp comply with fire classification standard EN B-s1-d0.

Our interior design panels are used in conference centres, concert halls, office buildings, cruise ships and hospitals – places where elegant style and certified quality are required.

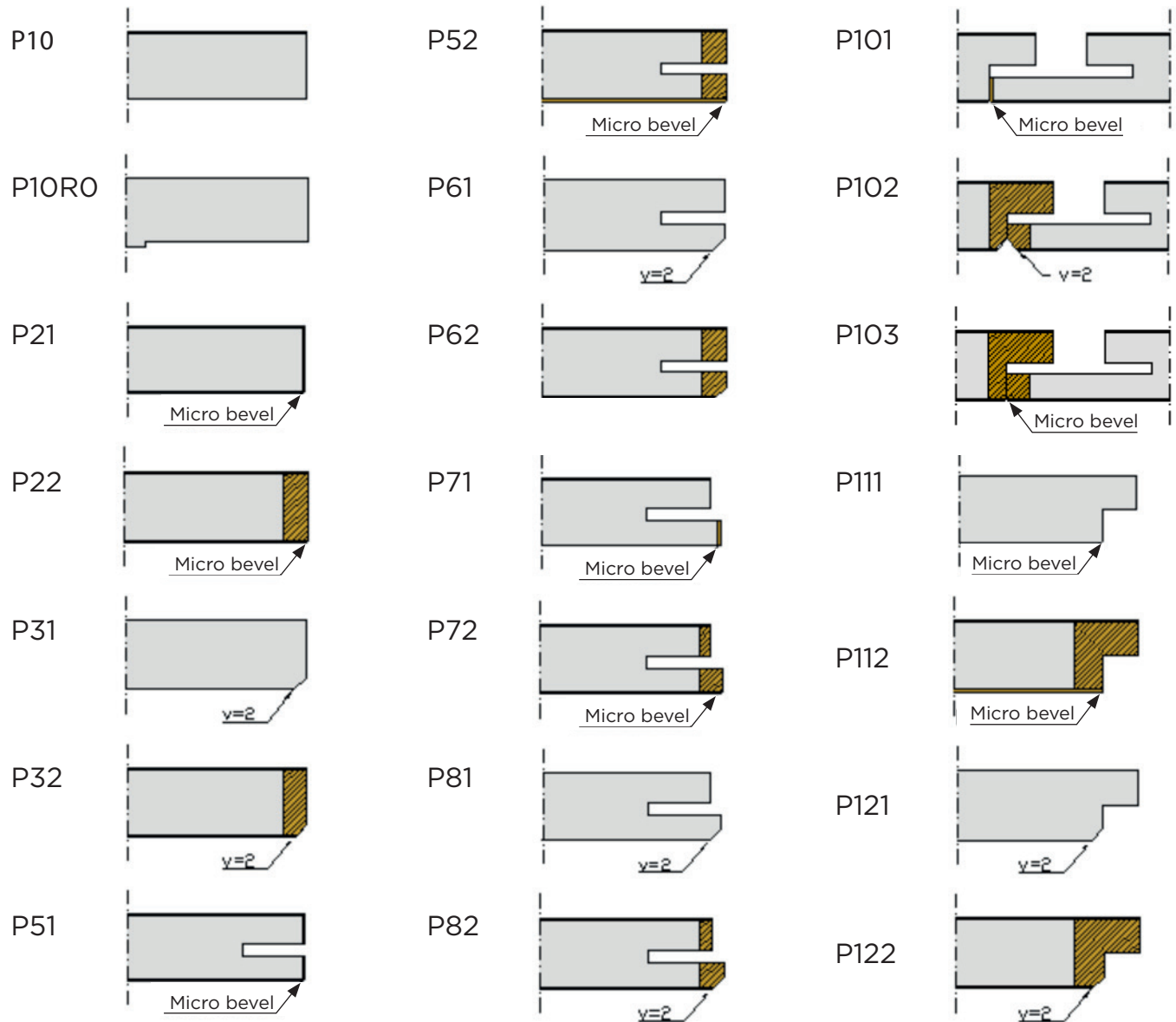
Puucomp base boards

- Fibrous gypsum panel (fire classification standard A2-s1-d0)
- Veneered fibrous gypsum panel (fire classification standard B-s1-d0)
- MDF and other wood-based panels
- Aluminium and steel sheets

The modular size of the suspended ceiling boards is usually 600x600 mm or 600x1200 mm, but we also manufacture other sizes. The maximum size of wall boards is 3050x1250 mm. Options for surface processing are lacquering, waxing, oil processing and painting. For more information, visit www.puucomp.fi.

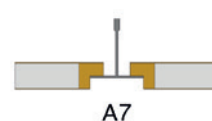
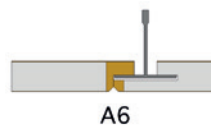
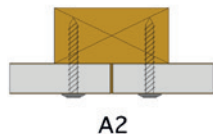
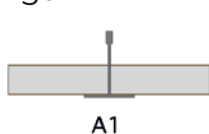
Edge profiles

Other edge profiles different to the standard are also available.
Edge profiles include a 12 mm base board.

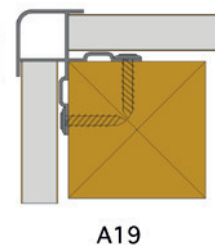
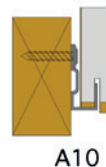
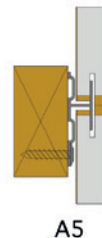
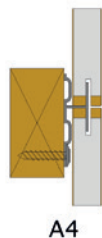


Installation examples

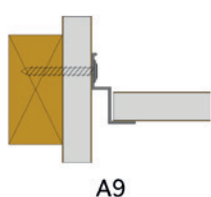
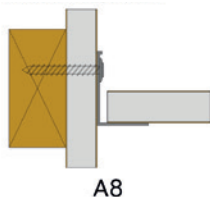
Ceilings



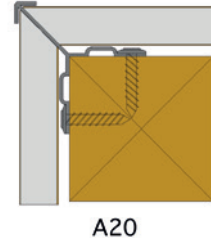
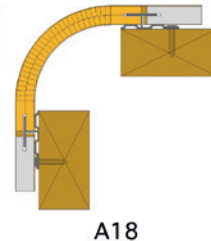
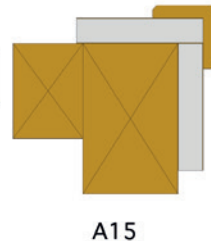
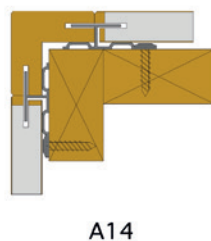
Walls



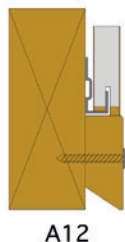
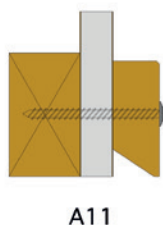
Ceiling junctions



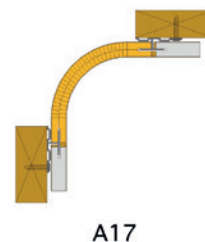
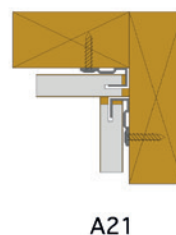
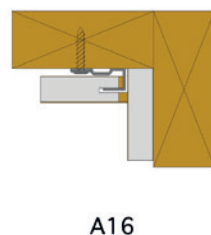
Outside corners



Floor junctions

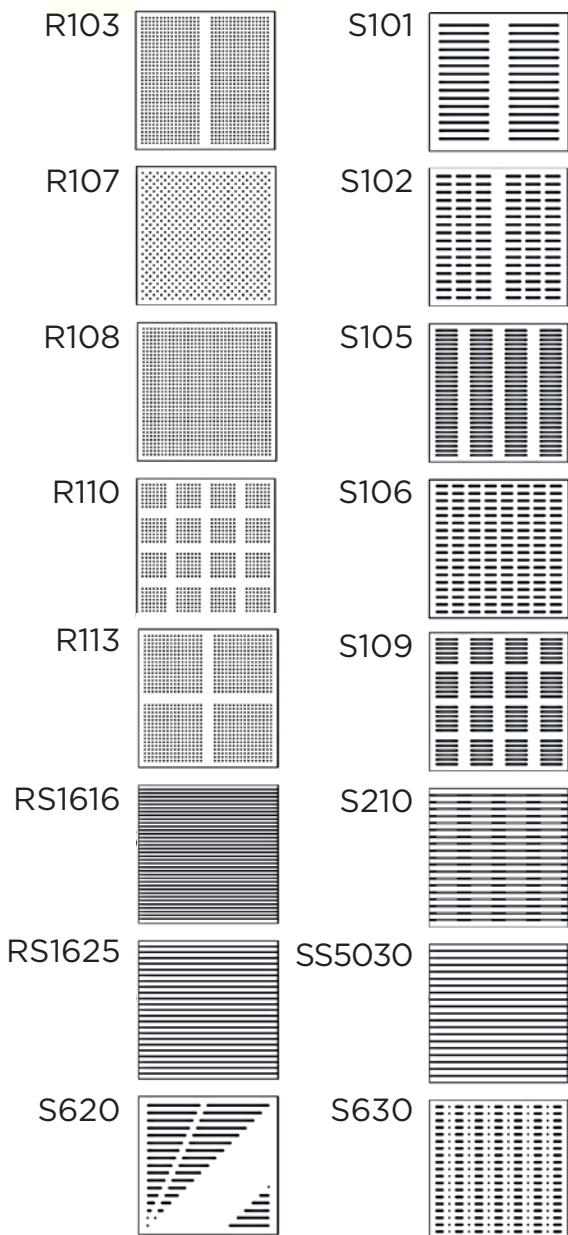


Inside corners

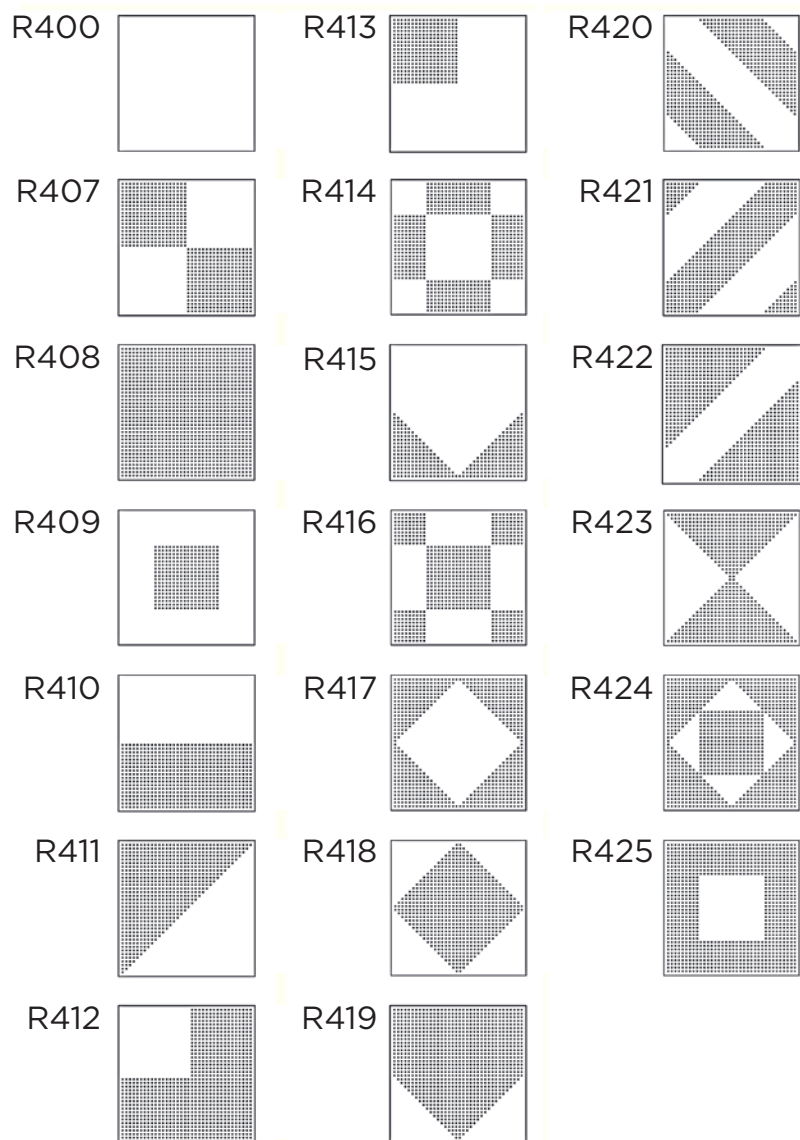


Perforations

Perforations include either a 600x600 mm or a 1200x600 mm base board. For more information, visit www.puucomp.com



Mosaic perforations





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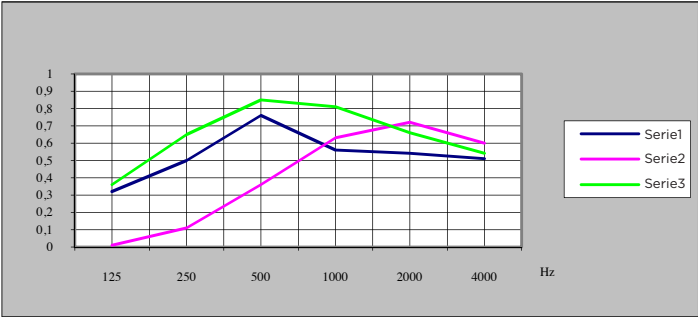
Golden Tulip



Telia Sonera

Acoustics

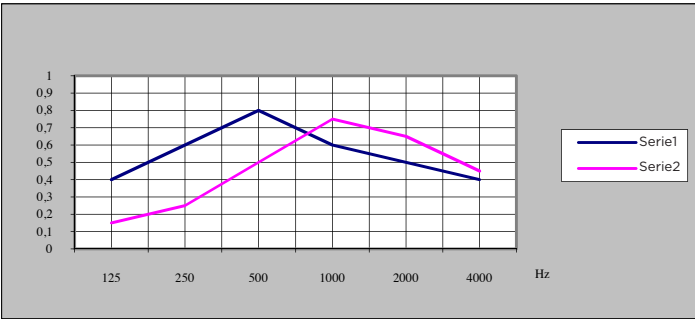
Acoustic features can be adjusted with perforations, slots and combinations of these two. Micro perforation is also available.



Perf. Type 105 (slotted Ø 8 mm, slotted area 24 %)

1. Sound absorption category C (airspace 200 mm and acoustic felt)
2. Sound absorption category D (airspace 30 mm and acoustic felt)
3. Sound absorption category B (airspace 200 mm, acoustic felt and mineralwool 50 mm)

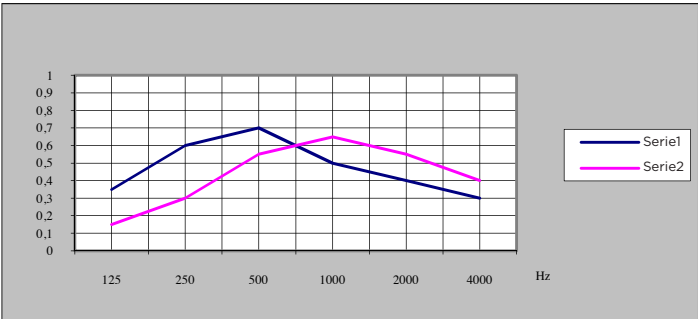
Hz	125	250	500	1000	2000	4000
1	0,32	0,5	0,76	0,56	0,54	0,51
2	0,01	0,11	0,36	0,63	0,72	0,6
3	0,36	0,65	0,85	0,81	0,66	0,54



Perf. Type 105 (slotted Ø 6 mm, slotted area 18 %)

1. Sound absorption category D (airspace 200 mm and acoustic felt)
2. Sound absorption category D (aitspace 42 mm and acoustic felt)

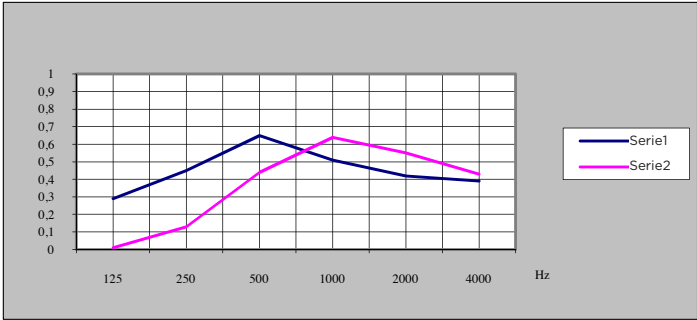
Hz	125	250	500	1000	2000	4000
1	0,4	0,6	0,8	0,6	0,5	0,4
2	0,15	0,25	0,5	0,75	0,65	0,45



Perf. Type 101 (slotted Ø 10 mm, slotted area 16,9 %)

1. Sound absorption category D (airspace 200 mm and acoustic felt)
2. Sound absorption category D (airspace 42 mm and acoustic felt)

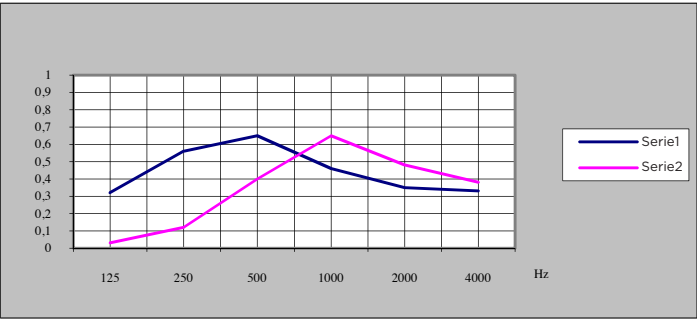
Hz	125	250	500	1000	2000	4000
1	0,35	0,6	0,7	0,5	0,4	0,3
2	0,15	0,3	0,55	0,65	0,55	0,4



Perf. Type 101 (slotted Ø 8 mm, slotted area 13,5 %)

1. Sound absorption category D (airspace 200 mm and acoustic felt)
2. Sound absorption category D (airspace 30 mm and acoustic felt)

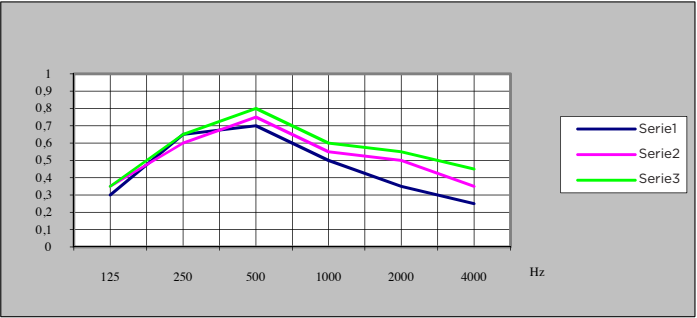
Hz	125	250	500	1000	2000	4000
1	0,29	0,45	0,65	0,51	0,42	0,39
2	0,01	0,13	0,44	0,64	0,55	0,43



Perf. Type 108 (slotted Ø 5 mm, slotted area 7 %)

1. Sound absorption category D (airspace 200 mm and acoustic felt)
2. Sound absorption category D (airspace 30 mm and acoustic felt)

Hz	125	250	500	1000	2000	4000
1	0,32	0,56	0,65	0,46	0,35	0,33
2	0,03	0,12	0,4	0,65	0,48	0,38



Perf. Type 107 (hole Ø 8, 10 and 12 mm)

(In diagrams 1-3 airspace 200 mm and acoustic felt)

1. Sound absorption category D (type 107, Ø 8 mm, perf. area 8,8 %)
2. Sound absorption category D (type 107, Ø 10 mm, perf. area 13,8 %)
3. Sound absorption category C (type 107, Ø 12 mm, perf. area 19,8 %)

Hz	125	250	500	1000	2000	4000
1	0,3	0,65	0,7	0,5	0,35	0,25
2	0,35	0,6	0,75	0,55	0,5	0,35
3	0,35	0,65	0,8	0,6	0,55	0,45

Puucomp is one of Scandinavia's leading suppliers of veneered interior design and acoustics panels. Kristiinankaupunki, Finland, has a history of exporting its expertise with wood to Sweden as early as the 17th century. Puucomp continues this tradition with 40 professionals in wood interiors.



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