

S.A.C. Silent Blue-Line

Climate acoustic system for cooling and heating



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S.A.C. Silent - Blue-Line

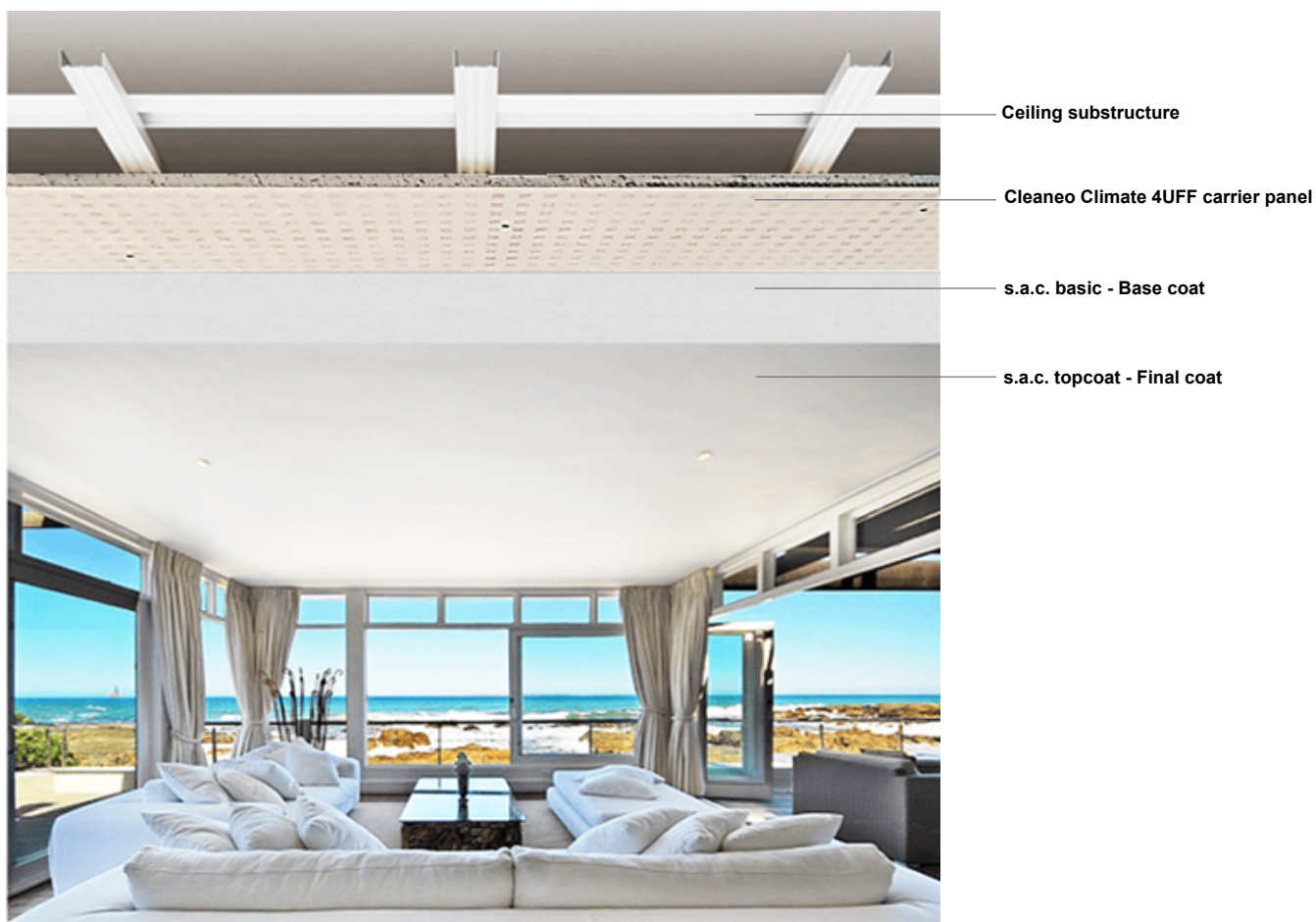
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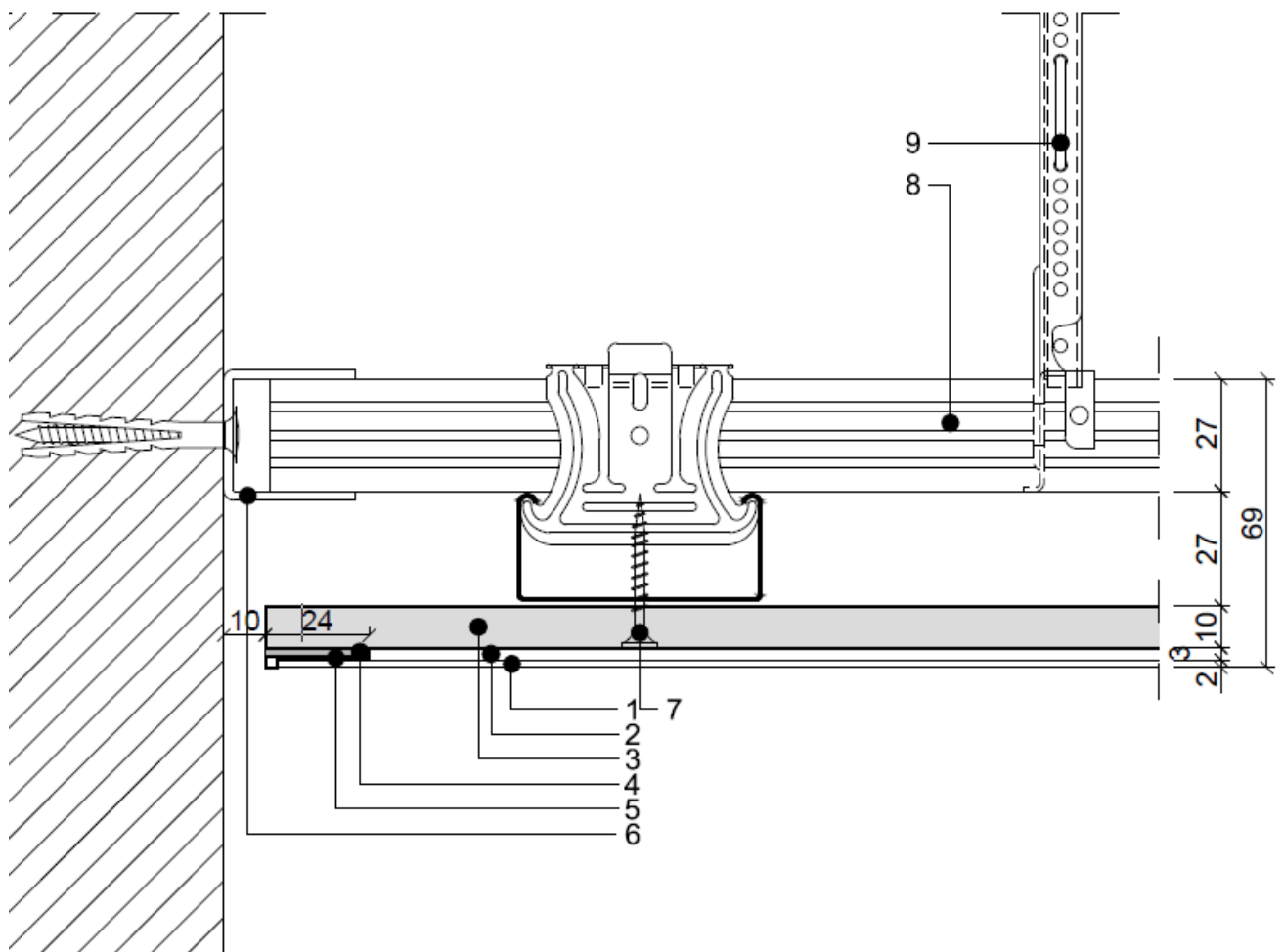
Ideally suited for rooms that require a sound-absorbing, jointless ceiling construction with cooling and heating function. The basic components of the jointless acoustic system are the Cleaneo Klima Panel which has a very high thermal conductivity due to its special panel core. The two acoustic layers can be applied directly to the panel thanks to the factory-applied glass fleece on the front side.

- Good thermal conductivity
- Homogeneous, jointless surface
- Factory applied fleece on the front side
- Easy integration of lighting
- Suitable for various cooling system suppliers
- High-end solution for high-quality buildings
- Combines aesthetics, acoustics and climate in one system
- Covers all electrical installations
- Flexible application possibilities

Systemaufbau Blue-Line



Blue-Line system structure on CD 60x27 metal substructure



1. s.a.c. topcoat Deckschicht
2. s.a.c. basic Grundschrift
3. Cleaneo Klima Trägerplatte
4. Knauf POWER-ELAST
5. Knauf Abschlussprofil PVC
6. UD-Randprofil 27/28/27
7. Drystar-Schraube XTN 3,9x23mm
8. Grund- und Tragrost, CD 60/27
9. Noniusabhänger

System weight

Cleaneo Climate Panel [kg/m ²]	Basic coat [kg/m ²]	Topcoat [kg/m ²]	Total weight [kg/m ²]
12	2	1-2	16

Ceiling installations

Weight	Fasteners	Notice
≤ 0,5 kg/m ² (as point load)	cavity fixing	max. 2 point load / m ²
≤ 10 kg/m ² (as point load)	direct fixing	Directly into the Metal-UK or by a replacement with CD-profiles
> 10 kg/m ² (as point load)	direct fixing	Fasten directly to the concrete ceiling

Baustoffprüfungen

Reaction to fire classification according to EN 13501-1:2007 the jointless acoustic system Grey-Line corresponds to the material class A2-s1,d0.

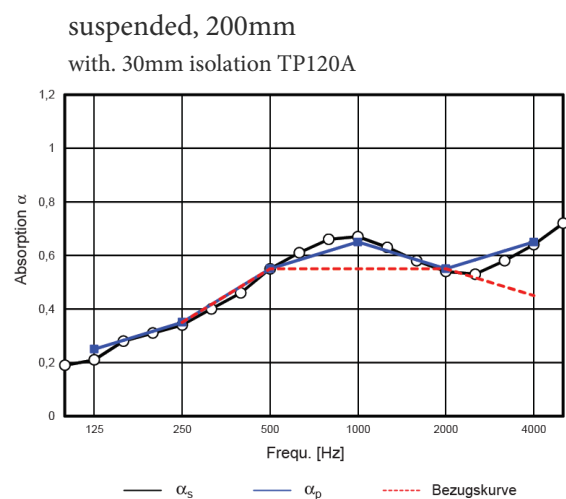
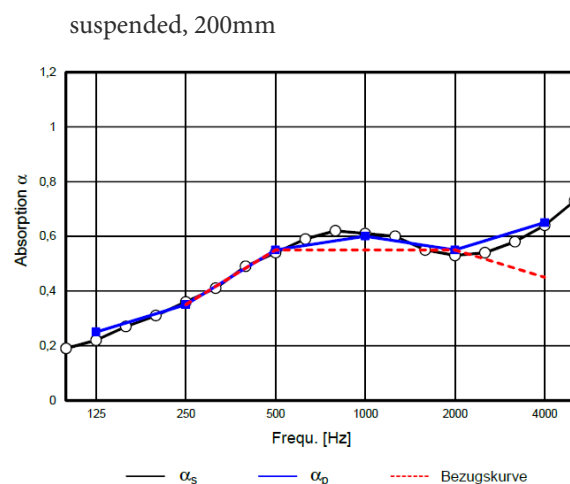
Dies bedeutet, das Material ist nichtbrennbar ohne Anteile von brennbaren Baustoffen.

Thermal conductivity Cleaneo Klima λ ca. 0.45 W/(m · k)

Coloured ceilings

The standard surfaces are similar to NCS S 0500-N. The top layer can also be dyed in various NCS colours.

Schallabsorptionswerte



The absorption values illustrated illustrate the effectiveness of the system and serve acousticians and building physicists to determine the optimum reverberation time in the room. The measured values are based on laboratory measurements, which can vary depending on processing and object conditions.