

CC-055 CLEANROOM CEILING SYSTEM

Choosing the CC-055 clean room ceiling system is to decide for multifunctionality and maximum load. CC-055 is characterized by high-quality and extremely flexible properties and is available both as a walkable and non-walkable system. Thanks to unlimited modularity and an extensive range of ceiling plates, this system is an extremely technically justified solution and effective for almost all high-care environments with the highest demands.

The ceiling profile is available in both closed and open versions: in addition to application as a high-quality clean room ceiling, this system can also be used as a plenum ceiling under which the unique CC-040 clean room ceiling system can be suspended. This creates an optimally passable and airtight plenum into which conditioned and purified air can be supplied.

Less is more - more is less

When developing cleanroom systems, Cleanroom Building & Construction Systems looks not only at functionality but also at efficiency, where interchangeability of parts and components can easily be applied. This not only reduces initial costs but also generates cost savings in the longer term: flexibility, reuse of materials and fast conversion times provide significant financial benefits.

A very extensive program of cleanroom-compatible ceiling panels with a diversity of specifications such as materialization, thickness and color, offers endless applications in many cleanroom segments. Mutual application of profiles from different systems is possible thanks to our unique 'One-2-All Concept'. In part due to a unique and universally applicable 'panel locking system', various panel types in varying thicknesses can be applied separately. This makes it possible to make only the necessary part of the ceiling system walkable, rather than the entire surface, which can significantly reduce costs. Why invest more than necessary?



<p><u>Specifications</u></p> <p>ceiling grid</p> <p>system weight</p> <p>loadability</p> <p>classification</p> <p>airtightness</p> <p>profiles</p> <p>finishing</p> <p>panels</p>	<p>CC-055 Cleanroom ceiling system</p> <p>0,630x0,630m¹ / 0,630x1,230m¹ / 0,630x1,830m¹ / 1,230x1,230m¹ c.t.c.</p> <p>custom sizes on request</p> <p>>4.40 kg/m² c.t.c. 0,630 x 0,630m¹</p> <p>>3.30 kg/m² c.t.c. 0,630 x 1,230m¹</p> <p>>2.30 kg/m² c.t.c. 1,230 x 1,230m¹</p> <p>weight refers to system grid excluding suspension structure, paneling and utilities</p> <p><225 kg/m²</p> <p>suitable for classification ISO-3 to ISO-8 (GMP B/D) in accordance with ISO 14644-1</p> <p>leak class < LK-5</p> <p>aluminum in accordance with EN-AW 6063 T66 / EN 12020-2</p> <p>RAL9016 powder coating in accordance with RAL-RG631 / E6/EV1 anodized (upon request)</p> <p>4 and 6mm ACM aluminum composite panels class B1, B2 in accordance with ECCA / DIN 4102 / NEN 6065, 6066</p> <p>4, 6 and 10mm HPL panels / TVOC test report TÜVRheinland No. 244540466b 001¹</p> <p>8, 10 and 15mm honeycomb panels</p>
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parameter	CAS no.	unit	RL	concentration after 7 days	customer requirement	conclusion
Formaldehyde	50-00-0	ppm	0.001	<0.001	0.05	pass
Total aldehydes	-	ppm	0.001	<0.001	0.1	pass
Phenol	108-95-2	mg/m ³	0.001	<0.001	1.9	pass
Styrene	100-42-5	mg/m ³	0.001	<0.001	0.07	pass
4-Phenylcyclohexene	4994-16-5	mg/m ³	0.001	<0.001	0.0065	pass
Total VOC / TVOC (C ₆ - C ₁₀)	-	mg/m ³	0.001	0.025	0.5	pass

¹ tabel 1 – results TÜVRheinland test no. 244540466b001

Build on confidence

Cleanroom Building & Construction Systems is a strong international and independent supplier of a wide range of constructive floor, wall and ceiling systems to specialized partners active in the cleanroom industry. For companies and organizations that want to build on confidence. Trust in our knowledge and the specific properties of our products and systems: efficient, economical, durable and constructive. Trust in a powerful partner you can always rely on.

From production process analysis to final implementation of the cleanroom environment, Cleanroom-BCS is your reliable supplier of cleanroom related building and construction systems. Handling complex cleanroom projects requires time and expert knowledge, and the wide variety of products often makes finding the right solutions difficult. Understanding processes helps us to develop and manufacture customer-specific, economical and efficient solutions. With our selected and competent partners, we are specialized in supporting projects and strive to provide efficient and economical solutions, advise customers holistically and deliver sustainable and responsible systems.

Cleanroom Building & Construction Systems, in cooperation with its partners, is happy to perform these tasks for you. From order entry to delivery and installation or validation, you have only one point of contact with complete cost transparency.

We look forward to helping you to fulfill your system requirements. Visit our 'Clean-Experience-Centre' and learn more about our extensive system range and components to stay one step ahead of your competition..

Let's Build it Clean Together !

If you have a more specific question regarding cleanroom buildings or construction aspects, or would like more information about any of our quality systems, please contact us at Info@Cleanroom-BCS.com or visit our website at www.Cleanroom-BCS.com.