

CW-050 CLEANROOM WALL SYSTEM

Cleanroom Building & Construction Systems designs, manufactures and supplies high-quality cleanroom systems for a variety of cleanroom applications. Quality is guaranteed by precision in design, accuracy in manufacturing and professionalism during implementation by our qualified partners.



With the development and application of systems, in addition to functionality, Cleanroom-BCS primarily pays attention to efficiency where interchangeability of parts and components can be easily applied. This not only reduces initial costs for new construction or renovation, but also delivers cost savings in the long term: reuse of materials and fast conversion times result in considerable financial benefits.

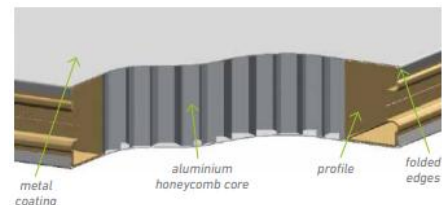
Flexibility and Cleanliness combined

The characteristic features of the CW-050 cleanroom wall system are aimed at applications in new technologies as applied in the High Tech industry and data centers. Thanks to the unique modular panels composed of one piece, this wall system offers great flexibility in the future evolution of the spaces they form. The system is made of specific materials which are adapted to the requirements of advanced technologies and where, thanks to the removable panels, flexibility in future modifications is guaranteed.

The 2-sided high quality finished and flat surfaces of these partitions make the system the ideal solution for the realization of clean rooms with high requirements for classified environments sensitive to contamination and electrostatic discharges.

specifications

wall thickness	50mm
wall height	max. 6,000m' (@1,200m' c.t.c.) deviating wall height 4,000m' at 0,400 ~ 1,199m' c.t.c. possible
element width	1,200m' c.t.c. standard deviating dimensions 0,400 ~ 1,199m' c.t.c. possible
weight	12.00 kg/m ² panel in conjunction with honeycomb filling 17.00 kg/m ² panel in conjunction with rockwool filling
Element construction	frame aluminum profiling according to EN-AW 6060 T66 / EN 12020-2 filling honeycomb (20kg/m ³) or rockwool (130kg/m ³) cladding 2-sided galvanized steel sheet Z225g according to NEN-EN 10147
finishing	RAL9016 polyester coating 25µm provided with 80~120µm protective film
classification	ISO-4 ~ ISO-9 according to ISO 14644 / GMP A~D
fire classification	A2-s1,d0 according to EN 13501-1
accessories	window- and door elements, cable ducts, raised floor profiles



Building on reliability

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 qualified 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 specific cleanroom building or construction question, or would like to receive more information about any of our quality wall systems, please contact us at Info@Cleanroom-BCS.com or visit our website at www.Cleanroom-BCS.com.