

# CleanConSept

Ceilings



**Sypla**  
INTERNATIONAL

# CleanConSept

Ceilings

## Accessible upper limit



The CleanConSept ceiling systems have a high degree of functionality and meet the classification requirements for realising a high-quality Clean Room environment.





## Airtight arrangement

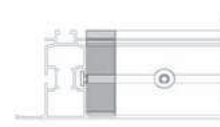
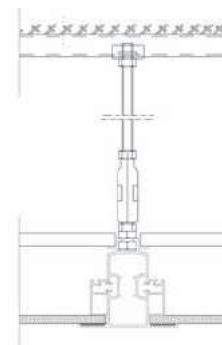
The CleanConSept C80 ceiling is applied in a walkable as well as a non-walkable design. An airtight climate can be obtained by applying sealant between profiles and ceiling panels. This makes the system suitable as an overpressure ceiling. There is a unique combination of integrated duct units for sprinklers and electrics with the open profile system.



The CleanConSept C50 ceiling is comparable with the CCS-C80 ceiling system, exclusively in a non-walkable design. With the special clip connections the slim profiles are fitted simply and firmly. Technical appliances such as light fittings and other systems can easily be integrated into both systems.

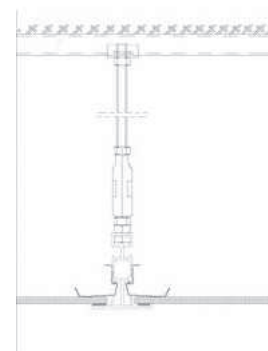
## Specifications CCS-C80

|                         |  |
|-------------------------|--|
| + In modules            | 600*600 mm / 600*1,200 mm<br>variable modules on request   |
| + Weight                | 4.90 kg/m <sup>2</sup> grid 600*600 mm (closed profile)<br>3.65 kg/m <sup>2</sup> grid 600*1,200 mm (closed profile)<br>5.20 kg/m <sup>2</sup> grid 600*600 mm (open profile + click profile)<br>3.90 kg/m <sup>2</sup> grid 600*1,200 mm (open profile + click profile)<br>indicated weight excludes panels |
| + Sound insulation      | -  |
| + Fire resistance       | -  |
| + Load bearing capacity | ≤ 270 kg/m <sup>2</sup>  |
| + Classification        | 100,000 to 10 according to US Fed. Std. 209E / ISO 14644-1   |
| + Airtightness          | 99.9994%   |
| + Profile width         | 78 mm  |
| + Profiling             | aluminium according to EN755-9<br>aluminium ceiling profile, closed design<br>aluminium ceiling profile, open design (provision for ducts for sprinkler, electrics, etc.)<br>aluminium click profile for open design<br>aluminium corner profile   |
| + Finish                | EV1 10 $\mu$ anodised according to Qualanod<br>powder coating according to Qualicoat   |
| + Panels                | 6 mm/8 mm composite panel class B1, B2 according to ECCA / DIN 4102 / NEN 6065, 6066<br>variable panel types depending on package of requirements<br>optional: antibacterial or antifungal coating   |
| + Optional              | duct units for sprinklers and electrics  |



## Specifications CCS-C50

|                         |  |
|-------------------------|--|
| + In modules            | 600*600 mm/ 600*1,200 mm<br>variable modules on request  |
| + Weight                | 4.10 kg/m <sup>2</sup> grid 600*600 mm<br>2.90 kg/m <sup>2</sup> grid 600*1,200 mm<br>indicated weight excludes panels   |
| + Sound insulation      | -  |
| + Fire resistance       | -  |
| + Load bearing capacity | 0 kg/m <sup>2</sup>  |
| + Classification        | 100,000 to 10 according to US Fed. Std. 209E / ISO 14644-1   |
| + Profile width         | 50 mm  |
| + Profiling             | aluminium according to EN755-9<br>aluminium ceiling profile<br>aluminium corner profile  |
| + Finish                | EV1 10 $\mu$ anodised according to Qualanod<br>powder coating according to Qualicoat   |
| + Panels                | 6 mm/8 mm composite panel class B1, B2 according to ECCA / DIN 4102 / NEN 6065, 6066<br>variable panel types depending on package of requirements<br>optional: antibacterial or antifungal coating |



## Description

**Make :** Sypla International bv  
**Type :** CleanConSept C80

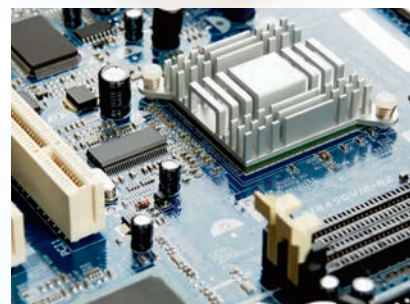
**Clean Room walkable ceiling system for application allowing access and movement in the suspended ceiling space.**

Ceiling system consisting of an aluminium grid of open and/or closed profiles, profile width 78 mm., suspension from the structural ceiling by means of a system rail with threaded ends, (wall) connection by aluminium corner profiles, filler panels as desired. The system is mutually connected by plastic connection elements.

**Make :** Sypla International bv  
**Type :** CleanConSept C50

**Non-walkable Clean Room ceiling system.**

Ceiling system consisting of an aluminium grid of closed profiles, profile width 50 mm., suspension from the structural ceiling by means of a system rail with threaded ends, (wall) connection by aluminium corner profiles, filler panels as desired. The system is mutually connected by plastic connection elements.





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