System 510 E

Clip-in Interior Cladding

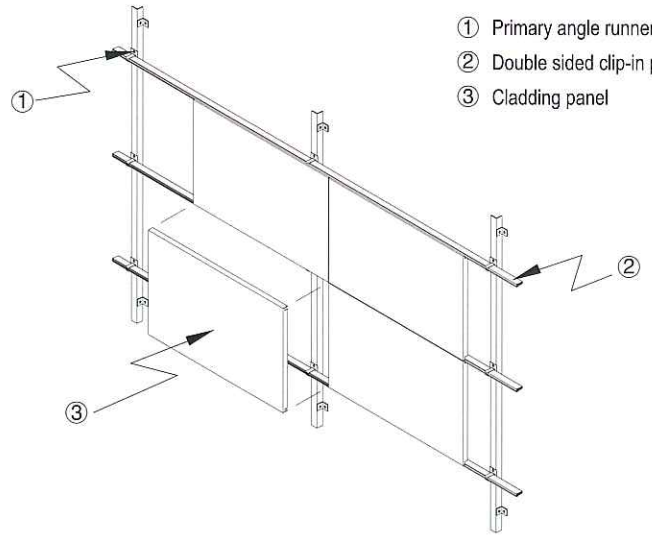
Neat and stylish interior metal wall panel system completed with **"Suckow & Fischer" Germany** proprietary sub-structural system.

SUCKOW & FISCHER™
SYSTEME

System 510 E
Clip-in Interior Cladding

SUCKOW & FISCHER™
SYSTEME

SYSTEM 510 E



Advantages of System 510 E

- Ideal for Interior wall with horizontal or vertical orientation.
- Fashion & stylish wall panels with choices of colour expression.
- Simple and easy installation method.
- Fully demountable without affecting adjacent panels.
- Economical interior metal wall cladding with low maintenance cost.
- Integration to clip-in proprietary system with continuous recessed shadow lines.

System 510 E - Clip-in Cladding System

Clip-in cladding system is one of the newly developed concealed metal cladding system for interior applications. The system is simple in design planning for wall panel configuration. It is cost effective for large or small wall area. The original Suckow & Fischer's proprietary clip-in system is structurally stable and easy to assemble on site as well as simple to access to the void between the cladding panels and the solid wall structure. It is one of the economical and functional internal wall cladding systems.

The Sub-structure System

The sub-structure of System 510 clip-in cladding consists of **K455/3** or **K455/5** double sided clip-in profile from **Suckow & Fischer** to form a primary or secondary structural cladding sub-frame for the wall cladding panels. The **K455/3** and **K455/5** shall allow 3mm and 5mm recessed black shadow joint between the wall panel lengths respectively. The double sided clip-in profiles shall be fixed to the wall directly by **SF 8506** fixing clips or to the **AS 20** or **AS 20 E** pierced primary angle with **SF 8508** fixing clips. The **AS 20** or **AS 20 E** primary angle shall be fixed by bolts and nuts directly to the **1/51 E** adjustable GMS brackets from the wall surface. The GMS wall brackets shall be fixed by anchor bolts to the solid wall.

The Clip-in Cladding Panels

The high quality clip-in panel is fabricated with precision-engineered equipment to achieve flat and dimensionally stable surface. The wall cladding panel is fabricated with upstand on four-side of the panel. Factory stamped pips are available along the length side of the wall panel and to clip into **K455/3** or **K455/5** double sided clip-in profile. 3mm or 5mm black foam strip shall be fixed on the other two side of the panel to create continuous 3mm or 5mm black shadow line along the perimeter of the wall panel. Panel sheet sizes are recommended to be within 600x3000mm for 1.2mm aluminium or 900x3000mm for 1.0mm galvanized steel material. Other sizes are available upon request; please consult **"Suckow & Fischer"** personnel for details.

Perforated & Acoustical Panels

There are choices of perforated pattern for aesthetical or acoustical functions. Acoustical effect can be improved by adding mineral wool or other acoustical pads. For more information, please refer to **"Suckow & Fischer"** Metal Cladding Technical Brochure.

Fabrication Quality & Standards

Ceiling panels are manufactured according to Technischer Arbeitskreis Industrieller Metall-deckenhersteller (TAIM) standards, Germany; together with quality compliance as defined by ISO 9001-2000 quality standards.

Window & Corner Joints

Available in custom made bulkheads, up-stands and window pelmets; all designed to incorporate with cladding panels in matching colors.

Base Material & Finishes

Base material of ceiling panels can be in aluminium from 0.7 to 1.2mm or electrolytically galvanized steel from 0.5 to 1.0mm. Finish coating of the panels can have the choices of using high grade polyester powder coating, or coil coated in advanced polymer system. For more information, please refer to **"Suckow & Fischer"** Technical Brochure.

Access to Cladding Void

Clip-in wall cladding panel can be dismounted and removed from the proprietary sub-structure system by using dismantling hand tool. During dismantling process, the adjacent wall cladding panel will not be affected as individual panel is secured into the double sided clip-in profile; panels are separately locked from each others.