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## CEILING SYSTEMS

[ Between us, ideas become reality. ]

# D

## D System Series

Floated ceilings for all interior areas



«The D System Series from Armstrong offers new opportunities for ceilings. The product range lends itself perfectly to all configurations and combines functionality with appealing design and aesthetics.»



Raiffeisenbank, St. Gallen



VRSG, St. Gallen

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  - D-H 700
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## D System Series

**Armstrong floated ceilings satisfy the most stringent requirements concerning design and function. Able to accommodate different interior areas perfectly, they combine the efficiency advantages of a standardised product system with the advantages of individual design. The system modularity enables a wide range of functions and effects to be combined as desired.**

### Applications:

- cladding and covering elements
- acoustic elements (sound absorption)
- architectural design elements
- cooling and heating elements
- support elements for electrical and ventilation installations and fittings
- reflection elements to optimise interior lighting concepts

### Advantages

Based on a clear modular concept, the D System Series opens up an entirely new segment in the field of ceilings. Floated ceilings meet extremely high standards with respect to acoustic qualification – both for interior areas as a whole, and in the establishment of acoustic absorption or enhancement zones in selected ceiling areas. The ability to integrate all types of luminaires in floated ceilings further underlines Armstrong's claim of maximum possible system flexibility. And last but not least, the D System Series is characterised by its extremely simple installation.

### Quality and service

Armstrong's flexible manufacturing facilities ensure optimal capacity utilisation in the production of floated ceilings. Efficiently organised processes, continuous quality management and a global

network of subsidiaries and distribution partners ensure orders are delivered on time.

### Automated production means cost savings

An extremely high degree of automation is utilised in the manufacture of our manufacture of our floated ceiling systems. We regulate production volumes flexibly and continually to accommodate market requirements. This highly efficient production management enables us to offer you the lowest prices on standard products.

### Maintenance and the environment

Aesthetically, floated ceilings are extremely appealing elements when it comes to interior design. They are washable, and therefore easy to clean. Armstrong's dirt-repelling powder coating has proven itself to be an indestructible surface finish over many decades. The solvent-free manufacturing process also makes these metal ceilings innocuous from an ecological and health-risk standpoint. In the long term, the D System Series brings with it cost savings of up to 50 percent compared to ceiling systems made from other, less durable materials.

### Your on-site visit

We can realise your ideas by working in partnership. Factory visits, tailored to suit the individual customer, are an ideal opportunity for you to appreciate the qualities of the D System Series. We will be pleased to arrange a suitable date with you.



Waterleiding, Amsterdam



Raiffeisenbank, St. Gallen

## Technology and properties

### Colour schemes

The D System Series is available in all the colours of the RAL and NCS palette. If desired, we can also offer you special metallic surfaces. Armstrong uses RAL 9010 Pure White as its standard colour.

### Building material class/ fire protection

Metal ceiling components and designs that are intended to form part of a fire protection structure must meet the requirements of EN-13501 as well as country-specific standards and regulations. Do you require more detailed information? Call your Armstrong adviser. They will be pleased to assist you.

### Perforations

Armstrong has subdivided the available perforations according to shape and arrangement. The following perforation designations are used:

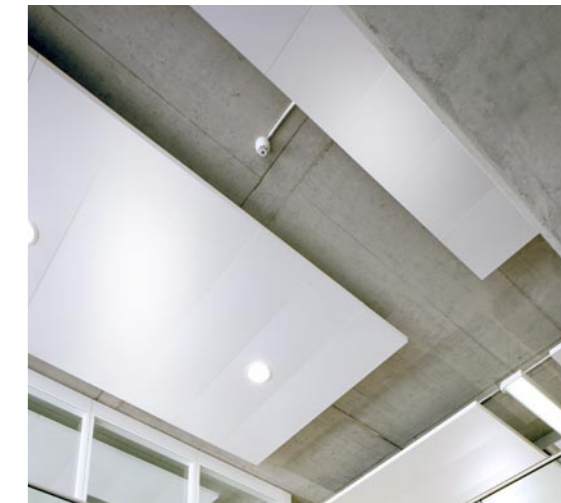
- Rd Round holes, diagonal
- Rg Round holes, straight
- Rv Round holes, staggered
- Qg Square holes, straight
- Lg Slot holes, straight
- Tv Rhomboidal holes, staggered

More detailed information can be found in the perforation brochure.

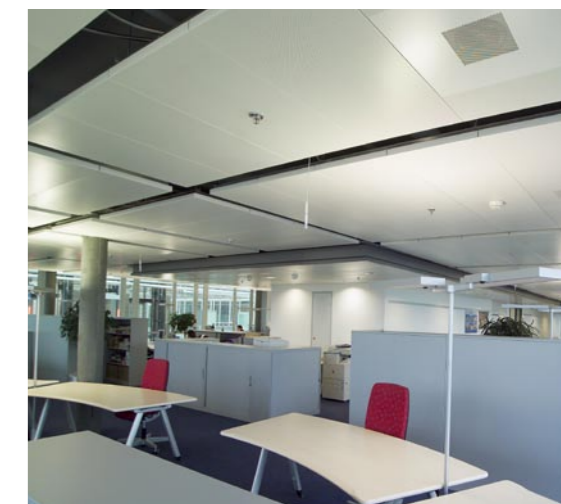
### Acoustics

The acoustic effect of suspended ceiling systems is often of central importance. Plain ceilings will reflect sound while perforated ones tend to be sound absorbent, depending on the design. We recommend the use of black, acoustic nonwovens as a sound-absorbing inlay for our ceiling tiles. Reverberation times, and consequently the sound level, can be reduced considerably in this way. Functional, intelligently designed acoustic solutions characterise every Armstrong metal ceiling: noise is absorbed where it could be distracting, while speech and sound is directed to where it is desired. Armstrong metal ceilings will colour the acoustic properties of a room in line with your specific requirements.

Our floated ceilings meet extremely high standards with respect to acoustic qualification. Every project receives individual attention in order to find the best possible solution.



VRSG, St. Gallen

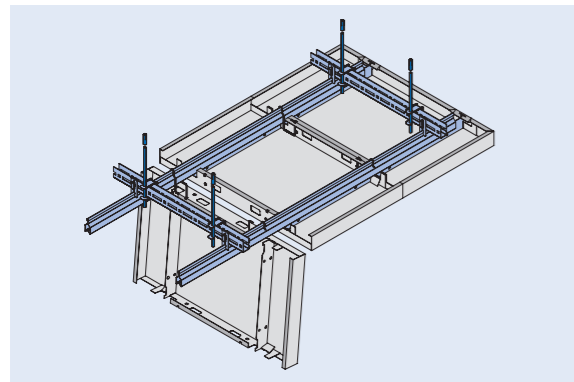


Hotelplan, Glattbrugg

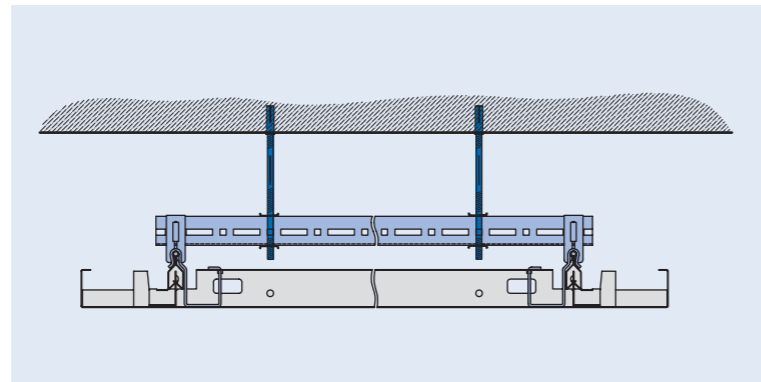
# Range

The range of Armstrong floated ceilings takes in the three standard systems: D-Clip, D-H 700 and D-H 710. Naturally, your individual design can also be manufactured if desired. Your Armstrong advisor will be pleased to provide you with more information on this.

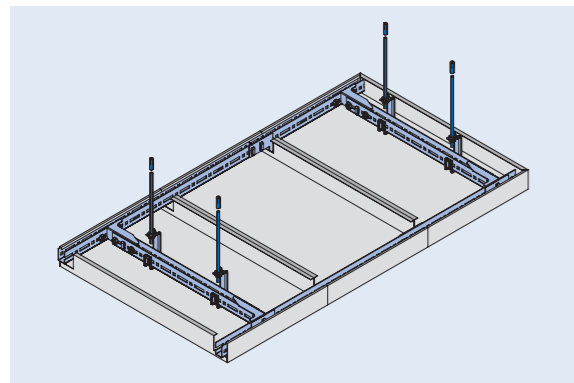
## D-Clip



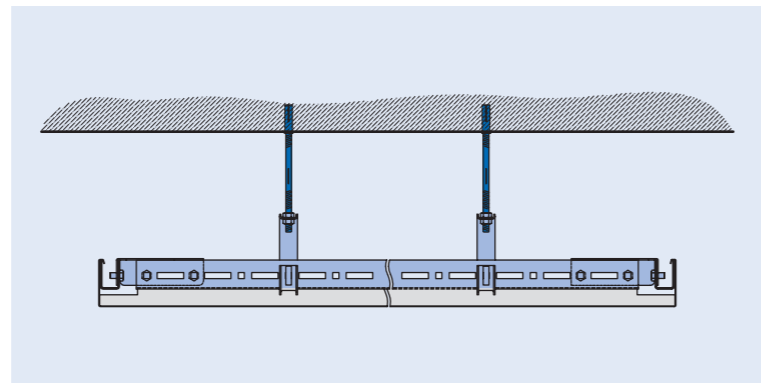
## Sectional drawing



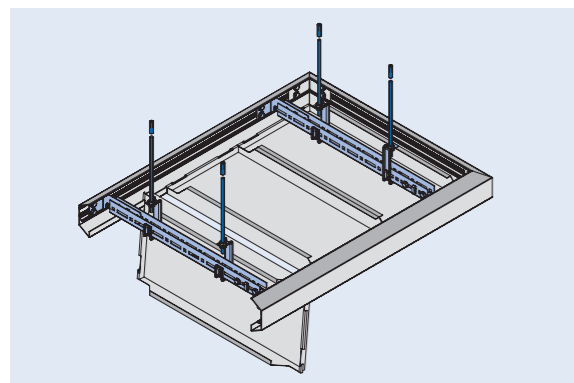
## D-H 700



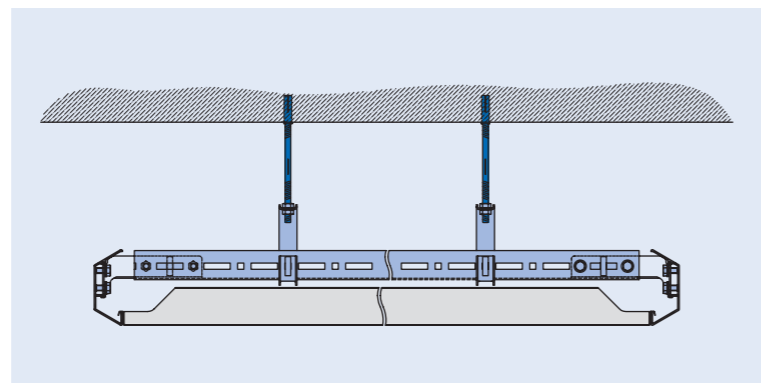
## Sectional drawing



## D-H 710 Frame



## Sectional drawing



## D-Clip

The floating ceiling element with panache: thanks to highly distinctive shapes, the hinge-down D-Clip blends harmoniously into the interior space, giving it a particularly attractive appearance.

### Properties and suitability

- low system height
- gap-free mounting possible
- hinges down
- removal: with dismantling tool

## D-H 700

As light as a feather: the D-H 700 floated ceiling is an acoustic space solution with sleek, clear-cut edges.

### Properties and suitability

- minimal system height
- gap-free mounting possible
- possible as a chilled ceiling
- sub-construction: only with U profile
- removal: no tools required

## D-H 710 Frame

Framework par excellence: the D-H 710 Frame realises individual design and function requirements flexibly – resulting in new interior design possibilities.

### Properties and suitability

- low system height
- gaps recommended
- all tiles can be hinged down
- possible as a chilled ceiling
- removal: no tools required

## Suspension system

The GemaGrid suspension system has been specially developed and

designed to accommodate Armstrong metal ceilings. It offers many decisive advantages, in particular ease of fitting, compatibility with all Armstrong

systems and extremely high cost efficiency.

Suspension system	Item no.	Designation	D-Clip	D-H 700	D-H 710 Frame
	300.100	U-profile	x	x	x
	300.105	Hanger for clamping rail DP 12	x		
	300.119	Connector for U-profile		x	
	300.120	Plug-in clip	x	x	x
	300.121	Clamping bracket	x		
	300.138	Connecting-pin for clamping rail DP 12	x		
	300.188	Access hinge-down clip	x		
	300.366	Hanger for U-profile		x	x
	311.022	Clamping rail DP 12	x		
	311.028	Dismounting tool for Q- & R-Clip	x		
	311.099	Threaded rod M6 x 1000 mm	x	x	x
	311.103	Hexagonal nut M6		x	
	311.111	Expansion bolt M6 x 30 mm	x	x	x
	311.195	Thread cutting screw M6 x 10 mm			x
	315.701	Frame (individually selectable)			x
	315.710	Cross-connector for U-profile		x	
	315.711	Security bracket		x	
	315.713	Frame holder			x
	315.714	Connector for frame			x
	315.715	Corner connector for frame			x