

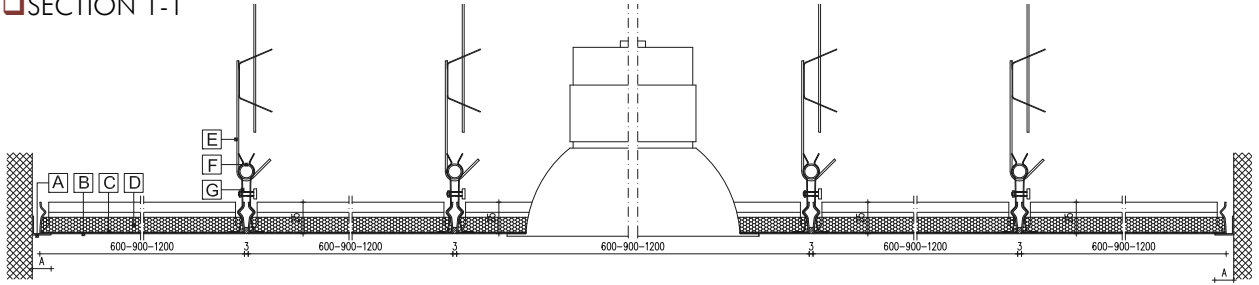


Flexible ceiling platform combining elements based on laminated aluminium with expanded metal elements. Ceiling system are installed on fully integrated and flexible suspension, offering various combinations of acoustical, translucent or open air elements with final high design value.

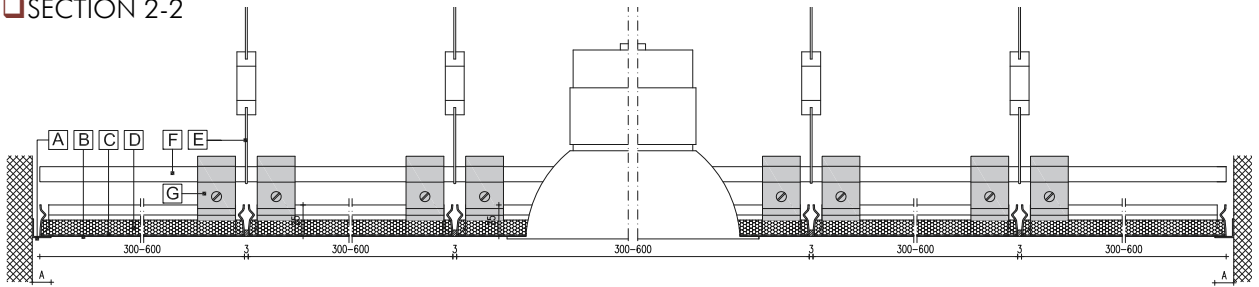
BENEFITS

- Design freedom
- Wide acoustical pad range
- Simple and fast installation
- Long life time
- Simple maintenance
- Optional translucent installation

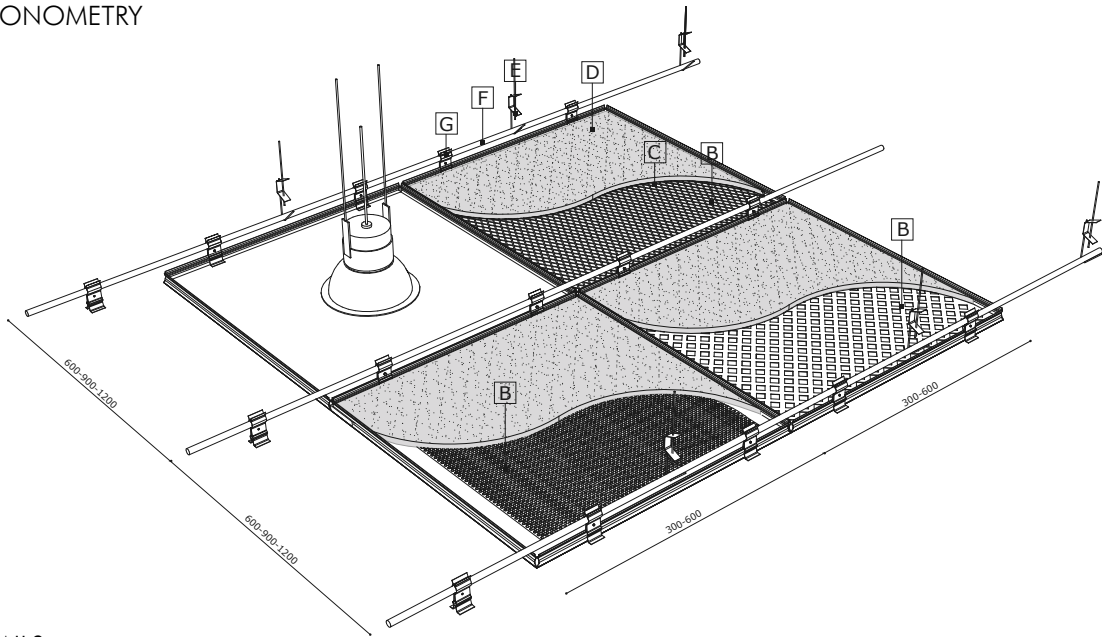
SECTION 1-1



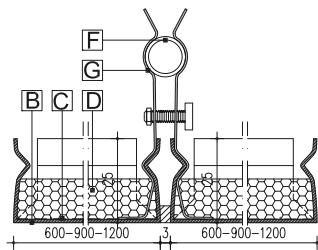
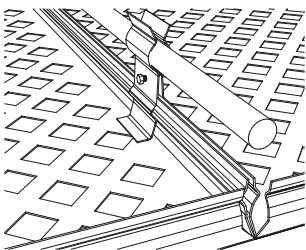
SECTION 2-2



AKSONOMETRY



DETAILS



COMPONENTS

- A. Wall moulding
- B. Ceiling element
- C. Sound block flees
- D. Sound absorption pad
- E. Hanger
- F. "O" main profile
- G. K-Clip

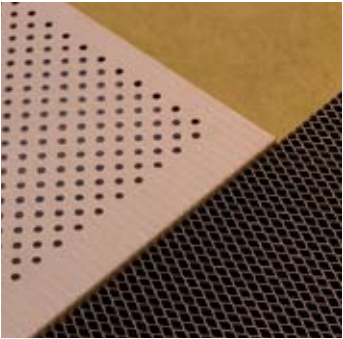


STRECHED METAL

STR elements are produced out of galvanised expanded metal sheets with thickness of d: 0,8 – 1,00mm and powder coated after elements being formed. Our standard offer consist of a mesh sized 8x4 and 6x3mm, optionally we do supply other expanded designs on project specification level. Elements are custom made based on designers specification with wide scale of coating by RAL scale.

CONCEPT

Easily adaptable and fast installation is provided by our flexible suspension K-clip system, giving various possibilities and composition of different modules, materials, acoustical performance and translucent effects. Elements are installed on completely concealed suspension system.



ALU + DURA LAMINATION

DURA elements are based on 0,8mm thick ALI sheet laminated with High performance Vinyl lamination - Durafort. High abrasion resistance, easy cleaning and long life time are its main benefits.

There are more than 300 lamination patterns available, some of them with Bio block surface suitable for clean environments.

APPLICATION

- Open space office
- VIP offices and meeting rooms
- Financial and public sector
- Educational centres
- Hotels and leisure
- Conference centres
- Recording and multimedia rooms
- Multipurpose halls
- Cinema halls
- Wellness and SPA
- Sport and gymnasium
- Retail shops
- Hi end residential sector

LAMINATIONS

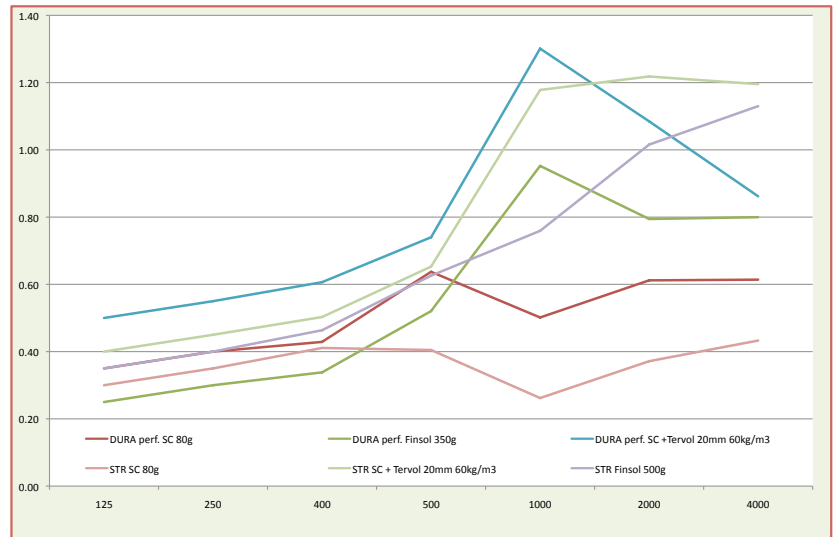


ACOUSTIC

Room acoustics and acoustical well being is additionally to visible elements in space one of more important factors, which are essentially influencing space functionality and ergonomics.

Expected room acoustics can be achieved with sound absorbent material and surfaces application.

Our ceiling systems are offering various material choice and different various sound absorption pads integration and by that providing customers best respond on project specifics. Detailed values on product performance are available on our web page.



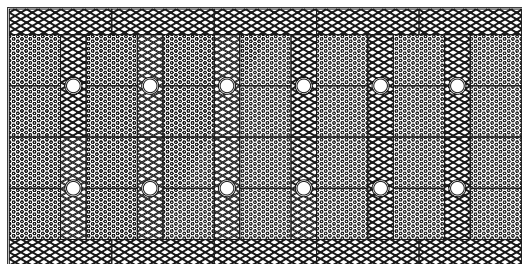
ROOM ACOUSTICS CALCULATION

Room acoustics calculation and recommendations are available through our technical department in cooperation with recognised acousticians for special project as well as project measurement before and after our systems are being installed.

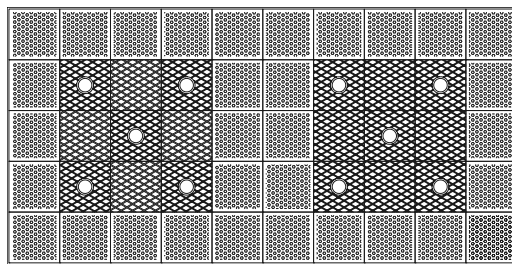
	NRC	125	250	400	500	1000	2000	4000
DURA perf. SC 80g	0.50	0.35	0.40	0.43	0.64	0.50	0.61	0.61
DURA perf. Finsol 350g	0.55	0.25	0.30	0.34	0.52	0.95	0.79	0.80
DURA perf. SC + Tervol 20mm 60kg/m3	0.80	0.50	0.55	0.61	0.74	1.30	1.08	0.86
STR SC 80g	0.35	0.30	0.35	0.41	0.40	0.26	0.37	0.43
STR SC + Tervol 20mm 60kg/m3	0.75	0.40	0.45	0.50	0.65	1.18	1.22	1.20
STR Finsol 500g	0.60	0.35	0.40	0.46	0.63	0.76	1.02	1.13

MODUL AND BASE MATERIAL COMBINATIONS

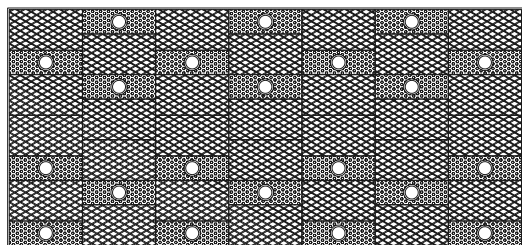
VARICEL real value is demonstrated in our unique combination possibility where different modules, materials performance and visual appearance can be integrated into one system.



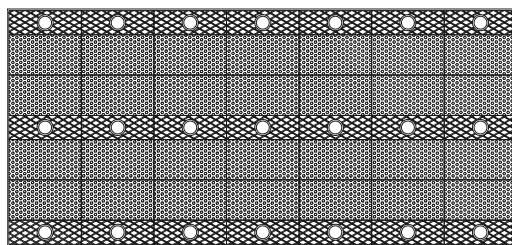
Module and material combinations



Acoustical and Translucent element combination



Module and material combinations



Service zone integration

TECHNICAL CHARACTERISTIC

VARICEL	DURA	DURA Perf	STR 8x4	STR 6x3
Fire reaction	A2-s1,d0 EN 13501-1			
Sound absorption	EN ISO 354			
Humidity resistance	do 95%	do 95%	do 95%	do 95%
Light reflectance	12 - 87%	12-75%	8-70%	8-70%
Dimensions- mm	300x900x20, 400x900x20, 300x1200x20, 400x1200x20, 600x600x20, 600x1200x20			
Weight - kg/m ²	2,2 - 2,7	2,2 - 2,7	2,9 - 3,4	2,9 - 3,4
Colour and surface	DURA range	DURA range	RAL - powder coating	RAL - powder coating

Please contact our authorised installers for our ceiling and wall systems installation – contacts are available on our web page. Additional product performance information and details on manufacturing possibilities are available throe our technical department and field representatives.

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