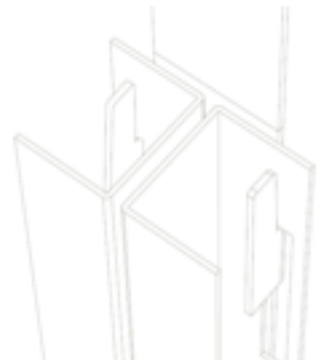




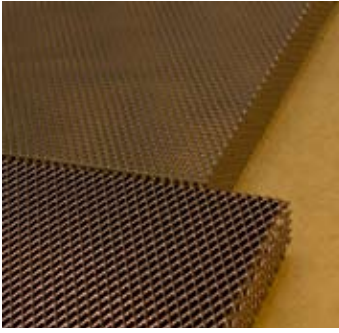
Innovative acoustical wall cladding providing elements based on laminated aluminium combined with expanded metal elements. Fast and simple installation gives wide application range especially in retrofit fresh design room acoustic treatment. Elements are with their size, colour and surface mach compatible with our ceiling systems and ceiling canopies.

### BENEFITS

- Design freedom
- Wide acoustical pad range
- Simple and fast installation
- Long life time
- Simple maintenance
- Low environment impact production





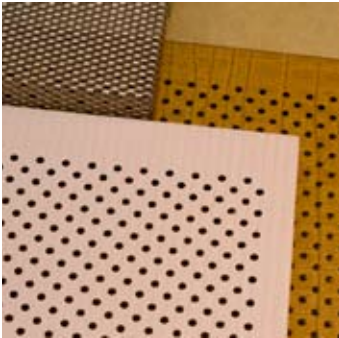


## STRECHED METAL

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

Extremely simple installation is our main argument next to product performance and aesthetic. By using single level vertical wall profile final edge profiles are in most of the cases not needed. Designing island segments and gaps against wall, ceiling and floor is consequently very simple.



## 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



## ACOUSTICS

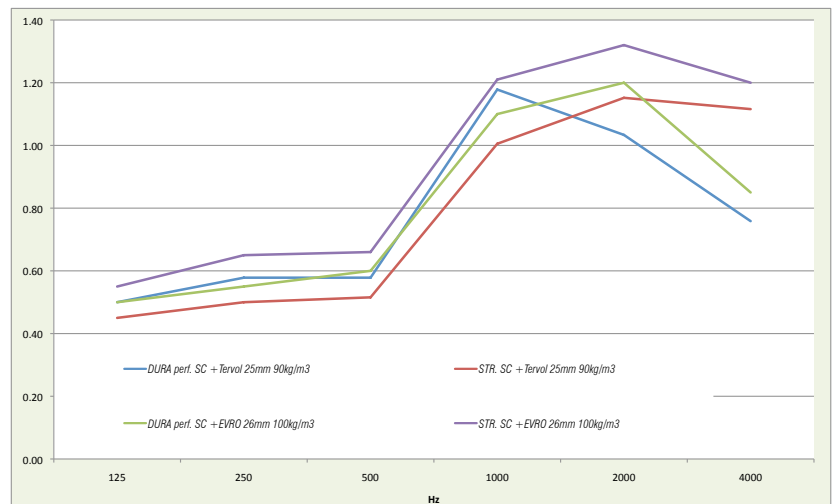
Room acoustics and acoustical well being is additionally to visible elements in space one of more important factors, which are essentially influencing space functionality and ergonomics.

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

Our wall systems are offering various material choice and different 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

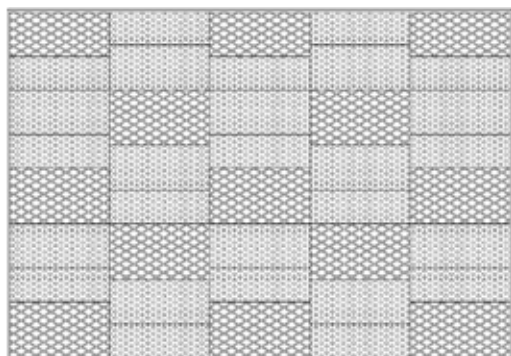
Room acoustics calculation and recommendations are available throug our technical department in cooperation with recognised acousticians for special project as well as project measurement before and after our systems are being installed.



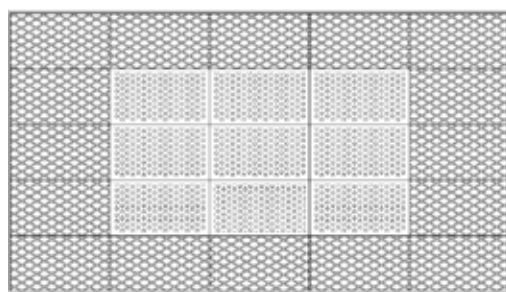
	NRC	125	250	500	1000	2000	4000
DURA perf. SC + Tervol 25mm 90kg/m3	0.75	0.50	0.58	0.58	1.18	1.03	0.76
STR. SC + Tervol 25mm 90kg/m3	0.80	0.45	0.50	0.52	1.01	1.15	1.12
DURA perf. SC + EVRO 26mm 100kg/m3	0.80	0.50	0.55	0.60	1.10	1.20	0.85
STR. SC + EVRO 26mm 100kg/m3	0.95	0.55	0.65	0.66	1.21	1.32	1.20

## □ MODUL AND BASE MATERIAL COMBINATIONS

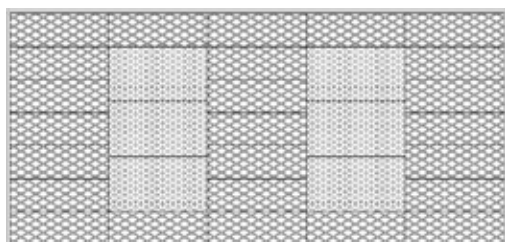
VARIWALL real value is demonstrated in our unique combination possibility where different modules, materials performance and visual appearance can be integrated into one system.



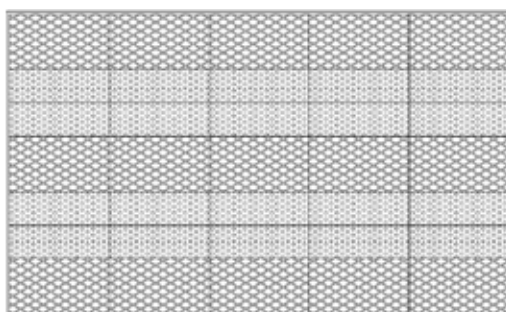
Module and material combinations



Module and material combinations



Module and material combinations



Sound absorbent and translucent elements combinations

## □ TECHNICAL CHARACTERISTIC

VARIWALL	DURA	DURA Perf	STR 8x4	STR 6x3
Fire reaction	A2-s1,d0 EN 13501-1			
Sound absorption	EN ISO 354			
Humidity resistance	do 90%	do 90%	do 90%	do 90%
Light reflectance	12 - 87%	12-75%	8-70%	8-70%
Dimensions - mm	300x900x30, 400x900x30, 500x900x30			
Weight - kg/m2	4,5 - 4,9	4,5 - 4,9	4,7 - 5,1	4,7 - 5,1
Colour and surface	DURA lamination range	DURA lamination 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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