ECSO®

Environmental Complex Solution

RAISED FLOOR SYSTEM

Environmental
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SOlution

C O N T E N T

GENERAL INFORMATION

At present time the leading manufacturers of raised floors are facing the new challenges dictated by time and the tightening of building codes. The main criteria that guided the developers of raised floor systems are environmentally friendly product, its reliability and functionality, and design features that allow quick and easy installation of the system.

Raised floor systems offered by ECSO meet all requirements for products in this market.

- increase in strength, reliability and durability of the final design
- increase in the height range of raised floor
- increase the loading capacity
- solution of the heat saving problem
- solution of the problems of hygienic safety
- fire safety improving
- design improving
- new opportunities for interior architecture

ECSO products differs from conventional raised floor systems by a number of advantages. Thus, the range of heights of pedestals varies from 30 to 1900 mm, which not only greatly increase the amount of exploited underground spaces which are free to share it with any electric, cable, communications, engineering equipment, but also easy to combine multi-level rooms.

ECSO raised floor system panels

Raised floor panels have a fixed geometry and performed with high precision manufacturing of the most modern technologies. The panels are mounted on the supports of adjustable height and can hide under them all engineering networks and the ground floor defects, while maintaining high load and allowing free access to the hidden communications.

Raised floor panels differ in thickness, type of filler (main unit), bottom (base) and upper (coated) surfaces. A wide range of combinations makes it possible to use a raised floor for the different rooms, depending on current load requirements, fire protection reqirements, absorption of static electricity, or, conversely, the antistatic properties.

Chipboard panels

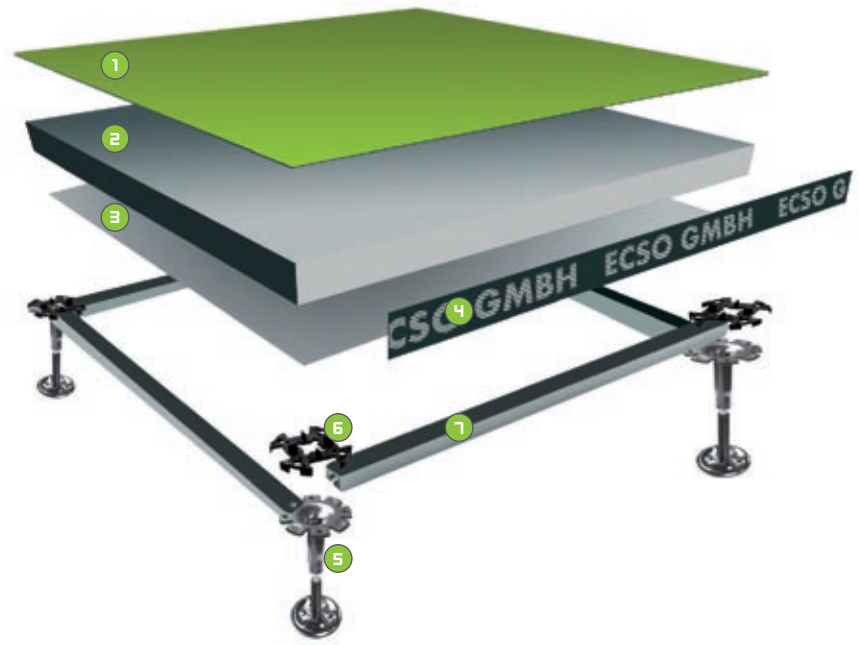
ECSO panel of high-density chipboarboard meets the high requirements for release of formaldehyde in the interior decoration of buildings. Also, panels can be manufactured with high conductive characteristics. The base of the panel could be a thin sheet of aluminum or galvanized sheet steel (for high loads). Increased electrical conductivity is achieved due to the fact that the chipboard panels have a special edge. In addition, they are coated with a special conductive flooring. Another advantage of these panels is their cost, such panels in the optimal price / quality ratio.

Calcium sulphate panels

Core component of ECSO panels is calcium sulfate with the addition of cellulose fibers. Upon request, the panel is girded by synthetic ribbon, which makes possible the removal of static electricity. Panels of this type meet the most stringent fire safety equipment. Compared with the chipboard panels, calcium sulfate panels are much stronger and can withstand a higher load.

Ventilation panels

The ECSO ventilation panel is made from the galvanized plate welded tubular design with powder-coated surfaces, perforated for ventilation. It is characterized by high strength and fire resistance.



1 Top finish

AL	Aluminum sheet
ST	Galvanized steel sheet
PVS	PVC
R	Rubber
K	Carpet coating
P	Parquet
S	Natural stone
CS	Composite stone
T	Ceramic coating

2 Support core

B	Chipboard panel with density 720 ±5% kg/m³
H	Chipboard panel with density 650 ±5% kg/m³
KS	Calcium sulphate panel with density 1500 ±5% kg/m³
FSU	Steel ventilation panel

3 Backing material

TP	Transparent film
AL	Aluminum foil
ST	Galvanized steel sheet
PVS	PVC

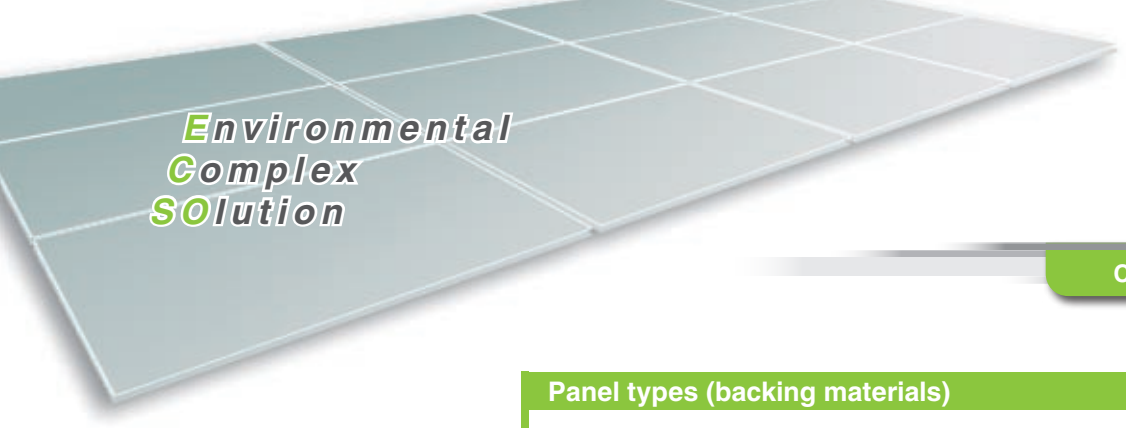
4 Perimeter edge

5 Pedestal

6 Gasket

7 Stringer

S	stringer
M	middle stringer
H	heavy stringer



B 30

Panel types (backing materials)

B 30 AL	Wooden chipboard panel 30 mm thickness with aluminum foil 0,05 mm thickness in the backing.
B 30 ST	Wooden chipboard panel 30 mm thickness with galvinized steel sheet 0,5 mm thickness in the backing.
B 30 PVS	Wooden chipboard 30 mm thickness with anti-static PVC 0,5-2 mm thickness in the backing.
Edge	The panel is provided with a 0.5 mm thick plastic edge material to protect the support core from mechanical damages and moisture.

Top Finishing

TP	transparent film
AL	aluminum foil
ST	galvanized steel
PVS	PVC
R	rubber
K	carpet
P	parquet
T	ceramic coating
S	natural stone
CS	composite stone

Physical characteristics of the panel (without top finishing)

	Standard			Tolerance
Nominal dimensions		mm	600x600	-0,1 +0,2
Thickness		mm	30*	-0,1 +0,2
Diagonal difference		mm		0,4
Density		kg/m³	720	± 5%
Weight		kg	7,8	± 5%
Electric resistance	EN 1081	Ω	1 x 10¹⁰	max
Edging	UL 94		V0	

* 28 mm for B 30 ST-PVS and B 30 PVS-PVS panels

		B 30 AL	B 30 ST	B 30 PVS
Fire resistance	ISO 834	REI 30	REI 15	REI 30
Fire resistance class	CSE/RF 2/75/A CSE/RF 3/77	Class 1	Class 1	Class 1

Mechanical features EN 12825

		B 30 AL + top finishing				B 30 ST + top finishing				B 30 PVS + top finishing			
Load type		x	S	M	H	x	S	M	H	x	S	M	H
For panels with top finishing: AL R K													
Concentrated load*, deflection 2,5 mm	kN	1,6	1,6	2,1	2,7	2,3	2,3	2,7	3,1				
Ultimate load*	kN	3,3	3,3	3,4	3,5	5,4	5,4	5,5	5,6				
Uniformly distributed load	kN/m²	9,0	9,0	11,0	16,0	12,0	12,0	14,0	18,0				
Class in accordance with EN 12825		1A	1A	1A	1A	2A	2A	2A	2A				
For panels with top finishing: ST PVS													only PVS
Concentrated load*, deflection 2,5 mm	kN	1,8	1,8	2,0	2,1	2,9	2,9	3,4	3,8	2,1	2,1	2,6	2,6
Ultimate load*	kN	3,9	3,9	4,0	4,1	5,5	5,5	5,6	5,7	5,0	5,0	5,1	5,1
Uniformly distributed load	kN/m²	9,0	9,0	12,0	17,0	13,0	13,0	15,0	19,0	10,0	10,0	13,0	18,0
Class in accordance with EN 12825		1A	1A	1A	1A	2A	2A	2A	2A	3A	3A	3A	3A
For panels with top finishing: T (30x30) S CS		only S CS											
Concentrated load*, deflection 2,5 mm	kN	3,3	3,3	3,6	3,8	5,3	5,3	5,6	5,8				
Ultimate load*	kN	4,5	4,5	4,7	4,9	7,2	7,2	7,4	7,6				
Uniformly distributed load	kN/m²	16,0	16,0	17,0	18,0	20,0	20,0	21,0	22,0				
Class in accordance with EN 12825		1	1	1	1	3	3	3	3				

Key

* All values are referring to the center of the panel

- x without stringer
- S stringer
- M middle stringer
- H heavy stringer

Standard EN 12825

Load type		1	2	3	4	5	6
Ultimate load	kN	≥4	≥6	≥8	≥9	≥10	≥12
Displacement class		A	B	C			
Deflection	mm	2,5	3,0	3,5			

B 38

Panel types (backing materials)

B 38 AL	Wooden chipboard panel 38 mm thickness with aluminum foil 0,05 mm thickness in the backing.
B 38 ST	Wooden chipboard panel 38 mm thickness with galvinized steel sheet 0,5 mm thickness in the backing.
B 38 PVS	Wooden chipboard 38 mm thickness with anti-static PVC 0,5-2 mm thickness in the backing.
Edge	The panel is provided with a 0.5 mm thick plastic edge material to protect the support core from mechanical damages and moisture.

Top Finishing

TP transparent film
AL aluminum foil
ST galvanized steel
PVS PVC

R rubber
K carpet
P parquet
T ceramic coating
S natural stone
CS composite stone

Physical characteristics of the panel (without top finishing)

	Standard			Tolerance
Nominal dimensions		mm	600x600	-0,1 +0,2
Thickness		mm	38	-0,1 +0,2
Diagonal difference		mm		0,4
Density		kg/m³	720	± 5%
Weight		kg	9,8	± 5%
Electric resistance	EN 1081	Ω	1 x 10¹⁰	max
Edging	UL 94		V0	

		B 38 AL	B 38 ST	B 38 PVS
Fire resistance	ISO 834	REI 60	REI 45	REI 45
Fire resistance class	CSE/RF 2/75/A CSE/RF 3/77	Class 1	Class 1	Class 1

Mechanical features EN 12825

		B 38 AL + top finishing				B 38 ST + top finishing				B 38 PVS + top finishing			
Load type		x	S	M	H	x	S	M	H	x	S	M	H
For panels with top finishing: AL R K P													
Concentrated load*, deflection 2,5 mm	kN	2,7	2,7	3,4	3,8	4,0	4,0	4,6	5,1				
Ultimate load*	kN	6,7	6,7	6,9	7,0	7,6	7,6	7,7	7,8				
Uniformly distributed load	kN/m²	14,0	14,0	18,0	22,0	21,0	21,0	25,0	30,0				
Class in accordance with EN 12825		4A	4A	4A	4A	6A	6A	6A	6A				
For panels with top finishing: ST PVS													
Concentrated load*, deflection 2,5 mm	kN	3,0	3,0	3,7	4,1	4,2	4,2	4,9	5,3	2,9	2,9	3,8	4,4
Ultimate load*	kN	7,1	7,1	7,3	7,4	7,7	7,7	7,8	7,9	6,1	6,1	6,2	6,3
Uniformly distributed load	kN/m²	15,0	15,0	19,0	23,0	22,0	22,0	26,0	31,0	14,0	14,0	19,0	26,0
Class in accordance with EN 12825		4A	4A	4A	4A	5A	5A	5A	5A	3A	3A	3A	3A
For panels with top finishing: T S CS													
Concentrated load*, deflection 2,5 mm	kN	2,0	3,3	3,6	3,8	3,0	5,3	5,6	5,8				
Ultimate load*	kN	2,4	2,4	2,4	2,5	6,3	6,3	6,4	6,4				
Uniformly distributed load	kN/m²	8,0	8,0	9,0	11,0	12,0	12,0	13,0	14,0				
Class in accordance with EN 12825		1	1	1	1	3	3	3	3				

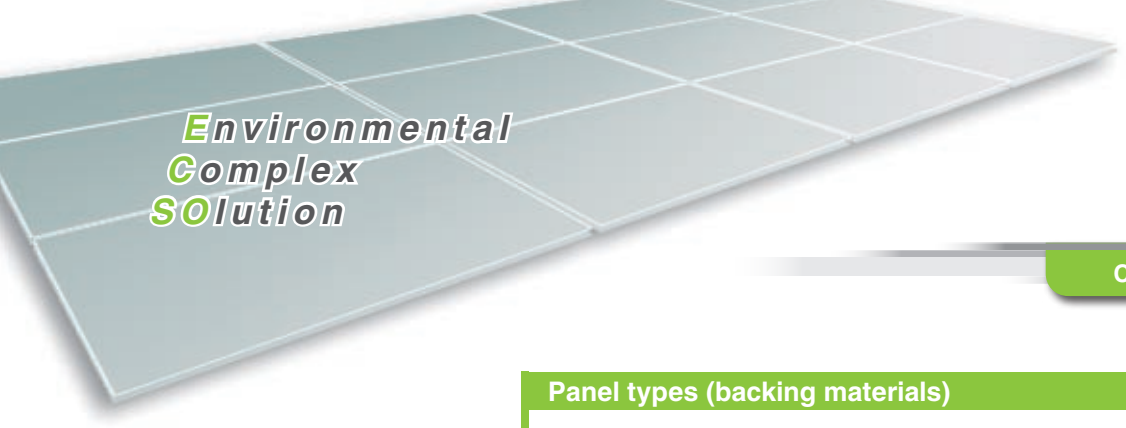
Key

* All values are referring to the center of the panel

x without stringer
S stringer
M middle stringer
H heavy stringer

Standard EN 12825

Load type		1	2	3	4	5	6
Ultimate load	kN	≥4	≥6	≥8	≥9	≥10	≥12
Displacement class		**A**	**B**	**C**			
Deflection	mm	2,5	3,0	3,5			



H 38

Panel types (backing materials)

B 38 AL	Wooden chipboard panel 38 mm thickness with aluminum foil 0,05 mm thickness in the backing.
B 38 ST	Wooden chipboard panel 38 mm thickness with galvinized steel sheet 0,5 mm thickness in the backing.
B 38 PVS	Wooden chipboard 38 mm thickness with anti-static PVC 0,5-2 mm thickness in the backing.
Edge	The panel is provided with a 0.5 mm thick plastic edge material to protect the support core from mechanical damages and moisture.

Top Finishing

TP	transparent film
AL	aluminum foil
ST	galvanized steel
PVS	PVC

R	rubber
K	carpet
P	parquet
T	ceramic coating
S	natural stone
CS	composite stone

Physical characteristics of the panel (without top finishing)

	Standard			Tolerance
Nominal dimensions		mm	600x600	-0,1 +0,2
Thickness		mm	30*	-0,1 +0,2
Diagonal difference		mm		0,4
Density		kg/m³	650	± 5%
Weight		kg	x,x	± 5%
Electric resistance	EN 1081	Ω	1 x 10¹⁰	max
Edging	UL 94		V0	

		H 38 AL	H 38 ST	H 38 PVS
Fire resistance	ISO 834	REI xx	REI xx	REI xx
Fire resistance class	CSE/RF 2/75/A CSE/RF 3/77	Class 1	Class 1	Class 1

Mechanical features EN 12825

		H 38 AL + top finishing				H 38 ST + top finishing				H 38 PVS + top finishing			
Load type		x	S	M	H	x	S	M	H	x	S	M	H
For panels with top finishing: AL R K													
Concentrated load*, deflection 2,5 mm	kN	2,5	2,5	3,1	3,5	3,7	3,7	4,2	4,6				
Ultimate load*	kN	6,1	6,1	6,3	6,4	6,9	6,9	7,0	7,1				
Uniformly distributed load	kN/m²	13,0	13,0	17,0	21,0	20,0	20,0	24,0	29,0				
Class in accordance with EN 12825		4A	4A	4A	4A	6A	6A	6A	6A				
For panels with top finishing: ST PVS													
Concentrated load*, deflection 2,5 mm	kN	2,7	2,7	3,3	3,7	3,8	3,8	4,5	4,8	2,6	2,6	3,4	4,0
Ultimate load*	kN	6,4	6,4	6,6	6,7	7,0	7,0	7,1	7,2	5,5	5,5	5,6	5,7
Uniformly distributed load	kN/m²	14,0	14,0	18,0	22,0	21,0	21,0	25,0	30,0	13,0	13,0	18,0	25,0
Class in accordance with EN 12825		4A	4A	4A	4A	5A	5A	5A	5A	3A	3A	3A	3A
For panels with top finishing: ST PVS													
Concentrated load*, deflection 2,5 mm	kN	1,8	1,8	2,0	2,1	2,7	2,7	3,1	3,1				
Ultimate load*	kN	2,2	2,2	2,2	2,3	5,7	5,7	5,8	5,8				
Uniformly distributed load	kN/m²	7,0	7,0	8,0	10,0	11,0	11,0	12,0	13,0				
Class in accordance with EN 12825		1	1	1	1	3	3	3	3				

Key

* All values are referring to the center of the panel

- x without stringer
- S stringer
- M middle stringer
- H heavy stringer

Standard EN 12825

Load type		1	2	3	4	5	6
Ultimate load	kN	≥4	≥6	≥8	≥9	≥10	≥12
Displacement class		A	B	C			
Deflection	mm	2,5	3,0	3,5			

CALCIUM SULPHATE PANELS

KS 30

Panel types (backing materials)

KS 30 TP	Sulphate calcium panel 30 mm thickness with water-resistant transparent film 0,5 mm thickness in the backing.
KS 30 AL	Sulphate calcium panel 30 mm thickness with aluminum foil 0,05 mm thickness in the backing.
KS 30 ST	Sulphate calcium panel 30 mm thickness with galvanized steel sheet 0,5 mm thickness in the backing.
Edge	The panel is provided with a 0.5 mm thick plastic edge material to protect the support core from mechanical damages and moisture.

Top Finishing

TP transparent film
AL aluminum foil
ST galvanized steel
PVS PVC

R rubber
K carpet
P parquet
T ceramic coating
S natural stone
CS composite stone

Physical characteristics of the panel (without top finishing)

	Standard			Tolerance
Nominal dimensions		mm	600x600	-0,1 +0,2
Thickness		mm	30	-0,1 +0,2
Diagonal difference		mm		0,4
Density		kg/m³	1450	± 5%
Weight		kg	15,7	± 5%
Electric resistance	EN 1081	Ω	1 x 10¹⁰	max
Edging	UL 94		V0	

		KS 30 TP	KS 30 AL	KS 30 ST
Fire resistance	DIN 4102 ISO 834	F 30 REI 60	F 30 REI 60	 REI 45
Fire resistance class	CSE/RF 2/75/A CSE/RF 3/77	Class 1	Class 1	Class 1
Combustibility	BS 476 pt 7			Class 1

Mechanical features EN 12825

		KS 30 TP + top finishing				KS 30 AL + top finishing				KS 30 ST + top finishing			
Load type		x	S	M	H	x	S	M	H	x	S	M	H
For panels with top finishing: TP AL R K P													
Concentrated load*, deflection 2,5 mm	kN	2,8	2,8	3,6	4,0	2,5	2,5	3,1	3,6	4,4	4,4	4,9	5,2
Ultimate load*	kN	4,1	4,1	4,3	4,5	4,1	4,1	4,3	4,5	8,2	8,2	8,3	8,4
Uniformly distributed load	kN/m²	13,0	13,0	16,0	20,0	13,0	13,0	16,0	20,0	21,0	21,0	24,0	29,0
Class in accordance with EN 12825		1A	1A	1A	1A	1A	1A	1A	1A	4A	4A	5A	5A
For panels with top finishing: ST PVS													
Concentrated load*, deflection 2,5 mm	kN	2,7	2,7	3,4	3,9	2,7	2,7	3,4	3,9	4,6	4,6	5,2	5,5
Ultimate load*	kN	4,2	4,2	4,4	4,6	4,2	4,2	4,4	4,6	8,4	8,4	8,5	8,6
Uniformly distributed load	kN/m²	21,0	21,0	24,0	29,0	21,0	21,0	24,0	39,0	23,0	23,0	26,0	32,0
Class in accordance with EN 12825		1A	1A	1A	1A	1A	1A	1A	1A	5A	5A	5A	5A
For panels with top finishing: T S CS													
Concentrated load*, deflection 2,5 mm	kN	2,4	2,5	2,6	2,7	2,4	2,5	2,6	2,7	2,6	2,6	2,7	2,9
Ultimate load*	kN	3,0	3,0	3,1	3,1	3,0	3,0	3,1	3,1	3,1	3,1	3,2	3,3
Uniformly distributed load	kN/m²	10,0	10,0	11,0	13,0	10,0	10,0	11,0	13,0	11,0	11,0	11,0	14,0
Class in accordance with EN 12825		1	1	1	1	1	1	1	1	1	1	1	1

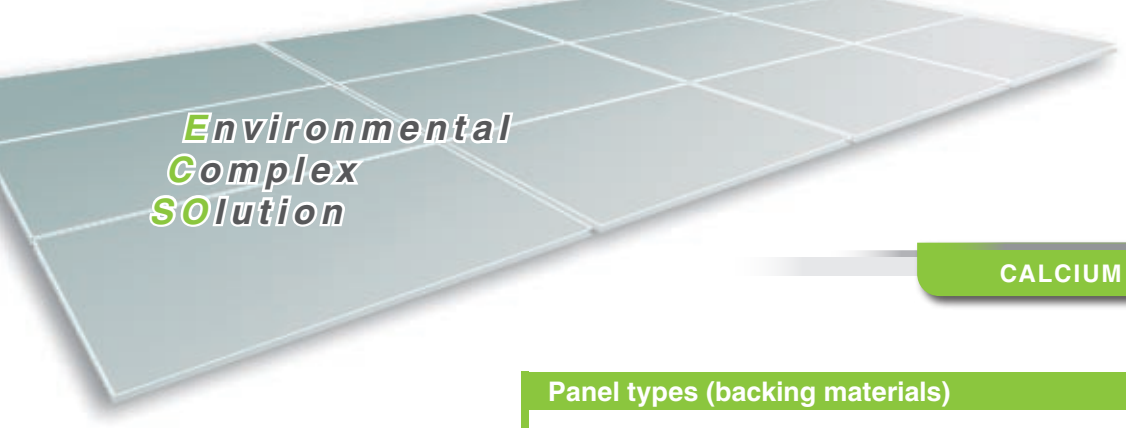
Key

* All values are referring to the center of the panel

x without stringer
S stringer
M middle stringer
H heavy stringer

Standard EN 12825

Load type		1	2	3	4	5	6
Ultimate load	kN	≥4	≥6	≥8	≥9	≥10	≥12
Displacement class		A	B	C			
Deflection	mm	2,5	3,0	3,5			



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KS 36

Panel types (backing materials)

KS 36 TP	Sulphate calcium panel 36 mm thickness with water-resistant transparent film 0,5 mm thickness in the backing.
KS 36 AL	Sulphate calcium panel 36 mm thickness with aluminum foil 0,05 mm thickness in the backing.
KS 36 ST	Sulphate calcium panel 36 mm thickness with galvanized steel sheet 0,5 mm thickness in the backing.
Edge	The panel is provided with a 0.5 mm thick plastic edge material to protect the support core from mechanical damages and moisture.

Top Finishing

TP	transparent film
AL	aluminum foil
ST	galvanized steel
PVS	PVC
R	rubber
K	carpet
P	parquet
T	ceramic coating
S	natural stone
CS	composite stone

Physical characteristics of the panel (without top finishing)

	Standard			Tolerance
Nominal dimensions		mm	600x600	-0,1 +0,2
Thickness		mm	36	-0,1 +0,2
Diagonal difference		mm		0,4
Density		kg/m³	1450	± 5%
Weight		kg	17,8	± 5%
Electric resistance	EN 1081	Ω	1 x 10¹⁰	max
Edging	UL 94		V0	

		KS 30 TP	KS 30 AL	KS 30 ST
Fire resistance	DIN 4102 ISO 834	F 30 REI 90	F 30 REI 90	REI 60
Fire resistance class	CSE/RF 2/75/A CSE/RF 3/77	Class 1	Class 1	Class 1
Combustibility	BS 476 pt 7			Class 1

Mechanical features EN 12825

		KS 30 TP + top finishing				KS 30 AL + top finishing				KS 30 ST + top finishing			
Load type		x	S	M	H	x	S	M	H	x	S	M	H
For panels with top finishing: TP AL R K P													
Concentrated load*, deflection 2,5 mm	kN	3,8	3,8	4,4	5,0	3,8	3,8	4,4	5,0	6,0	6,0	6,5	6,9
Ultimate load*	kN	4,9	4,9	5,0	5,1	4,9	4,9	5,0	5,1	9,7	9,7	9,8	10,0
Uniformly distributed load	kN/m²	19,0	19,0	23,0	30,0	19,0	19,0	23,0	30,0	30,0	30,0	33,0	41,0
Class in accordance with EN 12825		3A	3A	3A	3A	3A	3A	3A	3A	6A	6A	6A	6A
For panels with top finishing: ST PVS													
Concentrated load*, deflection 2,5 mm	kN	3,9	3,9	4,5	5,1	3,9	3,9	4,5	5,1	6,1	6,1	6,6	7,0
Ultimate load*	kN	4,9	4,9	5,0	5,1	4,9	4,9	5,0	5,1	9,7	9,7	9,8	10,0
Uniformly distributed load	kN/m²	22,0	22,0	25,0	31,0	22,0	22,0	25,0	31,0	30,0	30,0	33,0	41,0
Class in accordance with EN 12825		3A	3A	3A	3A	3A	3A	3A	3A	6A	6A	6A	6A
For panels with top finishing: T S CS													
Concentrated load*, deflection 2,5 mm	kN	2,7	2,7	3,2	3,3	2,7	2,7	3,2	3,3	6,0	6,0	6,5	6,9
Ultimate load*	kN	3,2	3,2	3,3	3,3	3,2	3,2	3,3	3,3	5,8	5,8	5,9	6,0
Uniformly distributed load	kN/m²	11,0	11,0	12,0	14,0	11,0	11,0	12,0	14,0	21,0	21,0	23,0	25,0
Class in accordance with EN 12825		1	1	1	1	1	1	1	1	2	2	2	3

Key

* All values are referring to the center of the panel

- x without stringer
- S stringer
- M middle stringer
- H heavy stringer

Standard EN 12825

Load type		1	2	3	4	5	6
Ultimate load	kN	≥4	≥6	≥8	≥9	≥10	≥12
Displacement class		A	B	C			
Deflection	mm	2,5	3,0	3,5			

STEEL VENTILATION PANELS

Fan Steel Unit

Panel types

EFSU H 36 Steel plate welded tubular construction, powder coating, perforation for ventilation. Panel thickness 36 mm.
Additional coating (optional)*.

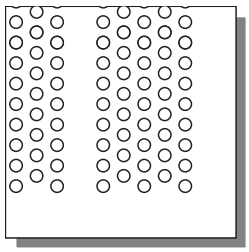
EFSU H 38 Steel plate welded tubular construction, powder coating, perforation for ventilation. Panel thickness 36 mm.
No additional coating.

This plate without perforation by request (optional).
Weight 15 kg.

Panel perforation

EFSU H 36	perforation	Ø holes	weight
EFSU H 36 P 15	15%	8 mm	14,0 kg
EFSU H 36 P 24	24%	10 mm	13,2 kg
EFSU H 36 P 38	38%	12 mm	12,2 kg
EFSU H 38			
EFSU H 38 P 15	15%	8 mm	14,2 kg
EFSU H 38 P 24	24%	10 mm	13,4 kg
EFSU H 38 P 38	38%	12 mm	12,4 kg

Perforation



Physical characteristics of the panel

	Standard		EFSU H 36	EFSU H 38	Tolerance
Nominal dimensions		mm	600x600	600x600	-0,1 +0,2
Thickness		mm	36	38	-0,1 +0,2
Diagonal difference		mm			0,4
Electric resistance	EN 1081	Ω	5 x 10^{10}	5 x 10^{10}	max
Class	EN 12825	kN	3-6	3-6	
Fire resistance	DIN 4102		A1	A1	

* Top Finishing

PVS PVC
R rubber

*** EFSU H 36 only**

Throttle valve (optional)

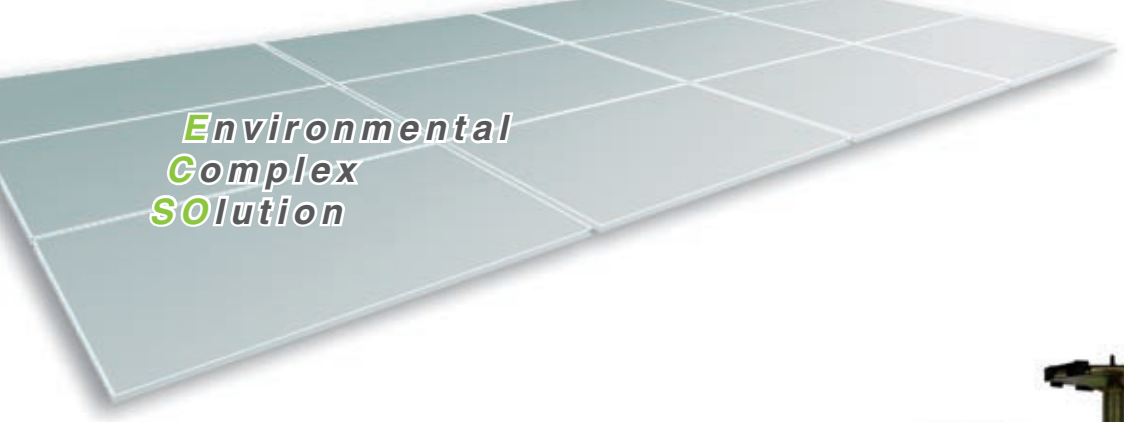
Ventilation panel is equipped with the throttle valve, which allows simple fine adjustment of the direction and force of the air flow.

Throttle valve consists of two sections
- Ventilation insert, which is formed by united aluminum profiles
- Throttle valve with adjustable air flow, which forms the side of the screen and door flap

Throttle valve components are made from the galvanized steel sheet.

The system is attached to the supporting structure of raised floor. You can adjust the level to fit to the level of the adjacent panels of raised floor.

Active area of the hole is 0.236 m^2. Bandwidth of throttle valve is from 380 to 1600 m^3/h at the speed of 2.5 m/s.



PEDESTALS

type of construction

Pedestals

height (mm)	adjustment (mm)	weight (gr)
M16a H 22	+4 / -4	215
M16a H 30	+6 / -6	220
M16a H 40	+10 / -10	225
M16a H 60	+10 / -15	255
M16a H 80	+15 / -20	305
M16a H 110	+30 / -30	355
M16a H 150	+60 / -30	440
M16a H 190	+60 / -30	513
M16b H 250	+40 / -40	571
M16b H 300	+40 / -40	616
M16b H 350	+40 / -40	661
M16b H 400	+40 / -40	706
M16b H 450	+40 / -40	751
M16b H 500	+40 / -40	796
M20b H 210	+30 / -30	744
M20b H 260	+30 / -30	799
M20b H 310	+30 / -30	854
M20b H 360	+30 / -30	909
M20b H 410	+30 / -30	964
M20b H 460	+30 / -30	1018
M20b H 510	+30 / -30	1074
M20b H 560	+30 / -30	1129
M20b H 610	+30 / -30	1184
M20b H 660	+30 / -30	1239
M20b H 710	+30 / -30	1294
M20b H 760	+30 / -30	1349
M20b H 810	+30 / -30	1893
M20b H 860	+30 / -30	1979
M20b H 910	+30 / -30	2065
M20b H 960	+30 / -30	2151
M20b H 1010	+30 / -30	2255
M20b H 1060	+30 / -30	2320
M20b H 1110	+30 / -30	2409
M20b H 1160	+30 / -30	2495
M20b H 1210	+30 / -30	2581
M20b H 1260	+30 / -30	2664
M20b H 1310	+30 / -30	2753
M20b H 1360	+30 / -30	2839
M20b H 1410	+30 / -30	2925
M20b H 1460	+30 / -30	3011
M20b H 1510	+30 / -30	3097
M20b H 1560	+30 / -30	3183
M20b H 1610	+30 / -30	3269
M20b H 1660	+30 / -30	3355
M20b H 1710	+30 / -30	3441
M20b H 1760	+30 / -30	3527
M20b H 1810	+30 / -30	3613
M20b H 1860	+30 / -30	3699
M20b H 1910	+30 / -30	3785
M20b H 1960	+30 / -30	3871

M16a [22-190]
Load class - 3
Pedestal base Ø 98 mm, threaded rod 16 mm
Upper part Ø 90 mm, pipe thickness 1 mm

M16b [250-500]
Load class - 3
Pedestal base Ø 98 mm, threaded rod 16 mm
Upper part Ø 90 mm, pipe thickness 2 mm

M20b [210-760]
Load class - 2-6
Pedestal base Ø 98 mm, threaded rod 20 mm
Upper part Ø 90 mm, pipe thickness 2 mm

M20b [810-1960]
Load class - 2-6
Pedestal base Ø 98 mm, threaded rod 20 mm
Upper part Ø 90 mm, pipe thickness 2 mm

Gaskets

GASKETS

Standard gasket.
Material - plastic.

• four contacts

• two contacts

• no contacts

Stringers

STRINGERS

	length (mm)	width (mm)
S Stringer	539	1
M Middle stringer	539	1
H Heavy stringer	539	1,5

• stringer

S

• middle stringer

M

• heavy stringer

H

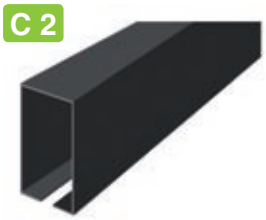
Profiles

PROFILES

	length (mm)	width (mm)	dimensions (mm)
C 1	558, 2400, 3600, 6000	1,5	40x40
C 2	558, 2400, 3600, 6000	1,5	40x80
C 3	558, 2400, 3600, 6000	2	40x40
C 4	558, 2400, 3600, 6000	2	40x80

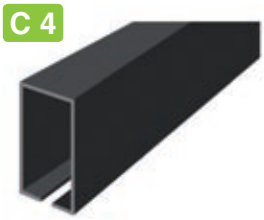
C 1

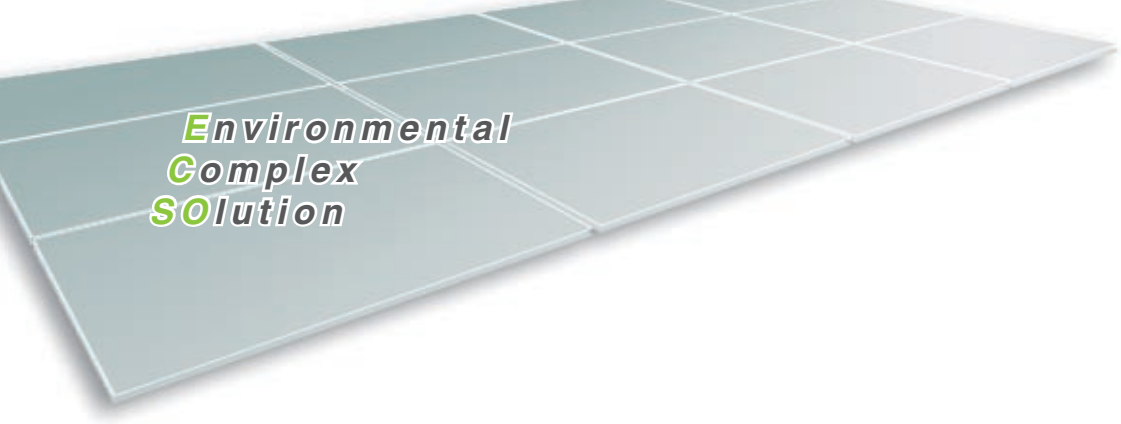
C 2



C 3

C 4





ACCESSORIES AND INSTALLATION MATERIALS

Lifting tools

Plastic pneumatic device with two suction cups, each with a diameter of 120 mm for lifting, moving and stacking raised floor panels. The maximum weight to withhold - 60 kg.

Aluminum lifting tool with needles for carpet panels.

Locking adhesive

Used to lock the pedestal height, is applied to the threads of the rod.

Glue

Glue a special, one-component polyurethane adhesive for the rack to a concrete base.
The adhesive has excellent adhesion to the base, and also allows you to mount pedestals on surface with irregularities.
The volume of the glue in building gun tube is 0.6 l.

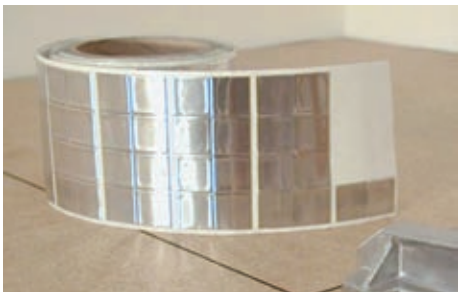
Damper band

It is used at the junction of the raised floor tiles and walls in order to stabilize their position and sealing of underground space.

Self-adhesive aluminum plate

The plate is required to adjust the height of adjacent panels. Fits under the overlay on top of the rack.

There are three sizes:
- 20x20x0,2 mm
- 20x20x0,5 mm
- 20x20x1,0 mm



And much more

A full range of auxiliary devices, fixtures and materials for quick and quality installation of the raised floor.

ECO
environmental complex solution

NOTES

environmental complex solution

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