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ACCESS FLOORING

TECHNICAL CARACTERISTICS OF NEWFLOOR RAISED ACCESS FLOOR

PANEL TYPE	T38AA
Body Material	High denisity particle board weight > 720kg/m^3
Top covering	High pressure laminate Linoleum Rubber
Bottom covering	**0.05mm Aluminium film**
Edging	0,5mm ABS plastic - non creak self extinguishing
Maximum concentrated load in centre of panel per EN12825	430N
Ultimate load in centre of panel per EN12825	1350N
Distributed load NFP67101	1850N
Classification to EN 12825 Nominal load Breaking load Deflection	4A21 4 500N >9 000N max 2,5mm
Reaction to fire class EN13501-1 UNI8457/UNI9174	 B_{FL}-s1 CL. 1
Resistance to fire ISO834	REI30

ABET 577

PANEL TYPE	T38AT
Body Material	High denisity particle board weight > 720kg/m^3
Top covering	High pressure laminate Linoleum Rubber
Bottom covering	**0.5mm galvanised steel plate**
Edging	0,5mm ABS plastic - non creak self extinguishing
Maximum concentrated load in centre of panel per EN12825	550N
Ultimate load in centre of panel per EN12825	1150N
Distributed load NFP67101	2250N
Classification to EN 12825 Nominal load Breaking load Deflection	5A21 5 000N >10 000N max 2,5mm
Reaction to fire class EN13501-1 UNI8457/UNI9174	 B_{FL}-s1 CL. 1
Resistance to fire ISO834	REI30

Newfloor
STEP IT UP

ACCESS FLOORING

TECHNICAL CARACTERISTICS OF NEWFLOOR RAISED ACCESS FLOOR

PANEL TYPE	G34HA
Body Material	High density calcium sulphate weight > 1450kg/m^3
Top covering	High pressure laminate Linoleum Rubber
Bottom covering	**0.05mm Aluminium film**
Edging	0,5mm ABS plastic - non creak self extinguishing
Maximum concentrated load in centre of panel per EN12825	630N
Ultimate load in centre of panel per EN12825	1020N
Distributed load NFP67101	2500N
Classification to EN 12825 Nominal load Breaking load Deflection	4A21 4 500N >9 000N max 2,5mm
Reaction to fire class EN13501-1 UNI8457/UNI9174	 B_{FL}-s1 CL. 1
Resistance to fire ISO834	REI120

ABET 577

PANEL TYPE	G34HT
Body Material	High density calcium sulphate weight > 1450kg/m^3
Top covering	High pressure laminate Linoleum Rubber
Bottom covering	**0.5mm galvanised steel plate**
Edging	0,5mm ABS plastic - non creak self extinguishing
Maximum concentrated load in centre of panel per EN12825	1100N
Ultimate load in centre of panel per EN12825	1950N
Distributed load NFP67101	3900N
Classification to EN 12825 Nominal load Breaking load Deflection	6A21 6 000N >12 000N max 2,5mm
Reaction to fire class EN13501-1 UNI8457/UNI9174	 B_{FL}-s1 CL. 1
Resistance to fire ISO834	REI120

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TECHNICAL CARACTERISTICS OF NEWFLOOR RAISED ACCESS FLOOR PANELS - PARTICLE BOARD INNER BODY

SUMMARISED TEST REPORT (TRANSLATED)

Results of test number 181104

Particle board panel with aluminium bottom and high pressure laminate top

The test was conducted using a standard calcium sulphate panel 34mm thick with 0,5mm ABS edging, bottom 0,05mm aluminium film and top with Sommer Tarkett HPL product.

The test panel size was 600 x 600mm and 40mm thick weighing 11.8kg each. The components were glued to the body using a "41 H" product supplied by the company Eurocollanti.
The stringers used were the type H38
The test was conducted as prescribed by the UNI EN12825:2003 standard dated 01/05/2003 for "Raised access floors".
The test consisted of :-

- A static weight applied on the panel in a constant manner and increasing to destruction to a point exceeding the graphic force/deformation of the item.
- Vertical weight on the pedestal until it reaches at least 4 times the nominal declared value
- Determination of the permanent deformation of the panel after having exposed the panel to the nominal declared weight value for a period of 30 minutes.

the Nominal values given were as follows -

- Panels installed with pedestals and stringers : 2,80 kN
- Panels installed with pedestals without stringers : 1,80 kN

Ambient conditions at the time of the test

Ambient temperature	19°C
Relative humidity	58%

Results of the test

Static weight placed on the items

- Height of pedestal - 205mm
- Finished floor height - 250mm

Installation - pedestals screwed into the base with stingers clipped in

Application point of load	Load applied in N to the following points of deflection			Maximum load achieved [N]
	2,5mm	3,0mm	4,0mm	
On the side in the centre of the panel	2913	3586	4728	7630
In the centre of the panel	3211	3822	5325	12659
Diagonally 70mm from the edge	3485	4342	5920	7140

Installation - pedestals screwed into the base with stingers securely screwed to pedestal head

Application point of load	Load applied in N to the following points of deflection			Maximum load achieved [N]
	2,5mm	3,0mm	4,0mm	
On the side in the centre of the panel	3150	3768	4916	8078

Installation - pedestals screwed into the base without stingers

Application point of load	Load applied in N to the following points of deflection			Maximum load achieved [N]
	2,5mm	3,0mm	4,0mm	
On the side in the centre of the panel	2016	2388	3112	7266
In the centre of the panel	2967	3468	5525	12250
Diagonally 70mm from the edge	3665	4369	5100	6626

Distributed load NFP67101 3900N

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TECHNICAL CARACTERISTICS OF NEWFLOOR RAISED ACCESS FLOOR PANELS - PARTICLE BOARD INNER BODY

SUMMARISED TEST REPORT (TRANSLATED)

Results of test number 181103

Calcium sulphate panel with aluminium bottom and high pressure laminate top

The test was conducted using a standard calcium sulphate panel 34mm thick with 0,5mm ABS edging, bottom 0,05mm aluminium film and top with Sommer Tarkett HPL product.

The test panel size was 600 x 600mm and 40mm thick weighing 11.8kg each. The components were glued to the body using a "41 H" product supplied by the company Eurocollanti.
The stringers used were the type H38

The test was conducted as prescribed by the UNI EN12825:2003 standard dated 01/05/2003 for "Raised access floors".
The test consisted of :-

- A static weight applied on the panel in a constant manner and increasing to destruction to a point exceeding the graphic force/deformation of the item.
- Vertical weight on the pedestal until it reaches at least 4 times the nominal declared value
- Determination of the permanent deformation of the panel after having exposed the panel to the nominal declared weight value for a period of 30 minutes.

the Nominal values given were as follows -

- Panels installed with pedestals and stringers : 3,80 kN
- Panels installed with pedestals without stringers : 3,30 kN

Ambient conditions at the time of the test

Ambient temperature	20°C
Relative humidity	61%

Results of the test

Static weight placed on the items

- Height of pedestal - 205mm
- Finished floor height - 250mm

Installation - pedestals screwed into the base with stingers clipped in

Application point of load	Load applied in N to the following points of deflection			Maximum load achieved [N]
	2,5mm	3,0mm	4,0mm	
On the side in the centre of the panel	3386	4157	5540	8669
In the centre of the panel	4119	4958	6524	12900
Diagonally 70mm from the edge	6503	7659	-	8110

Installation - pedestals screwed into the base with stingers securely screwed to pedestal head

Application point of load	Load applied in N to the following points of deflection			Maximum load achieved [N]
	2,5mm	3,0mm	4,0mm	
On the side in the centre of the panel	5557	6539	8111	8923

Installation - pedestals screwed into the base without stingers

Application point of load	Load applied in N to the following points of deflection			Maximum load achieved [N]
	2,5mm	3,0mm	4,0mm	
On the side in the centre of the panel	3017	3612	4684	8692
In the centre of the panel	4047	4829	6271	10600
Diagonally 70mm from the edge	5016	6015	-	7081

Distributed load NFP67101 3900N

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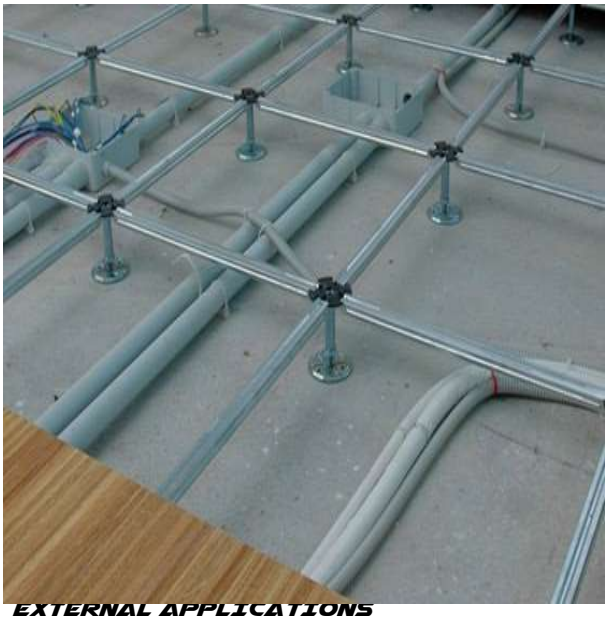
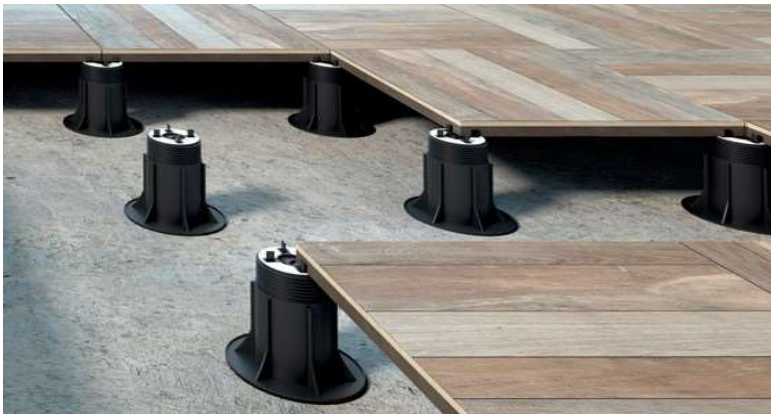
INTERNAL APPLICATIONS

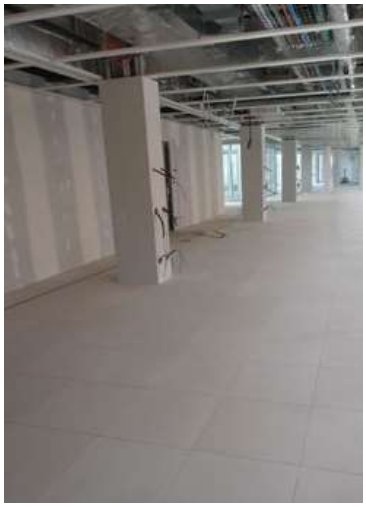


EXTERNAL APPLICATIONS



BEFORE

AFTER



ACCESSORIES

STAIRS

RAMP

AIR OUTLETS

ELECTRICAL

SUCTION CUPS

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