



ALUMETAL AG

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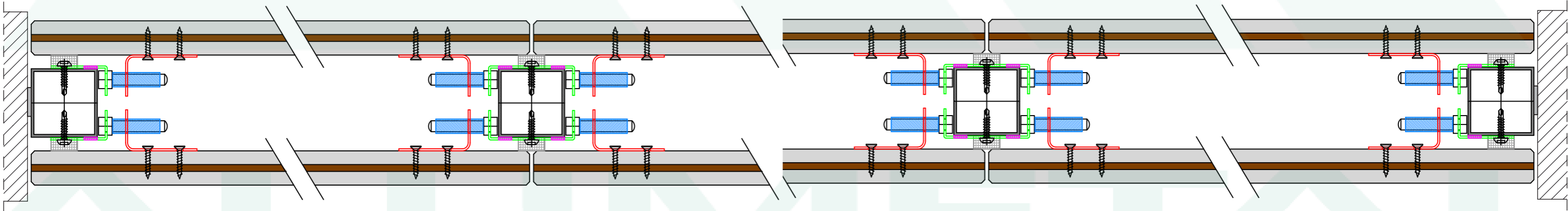
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**ACOUSTIC
WALL**

FRONTAL SECTION VIEW



PLANIMETRICAL SECTION VIEW

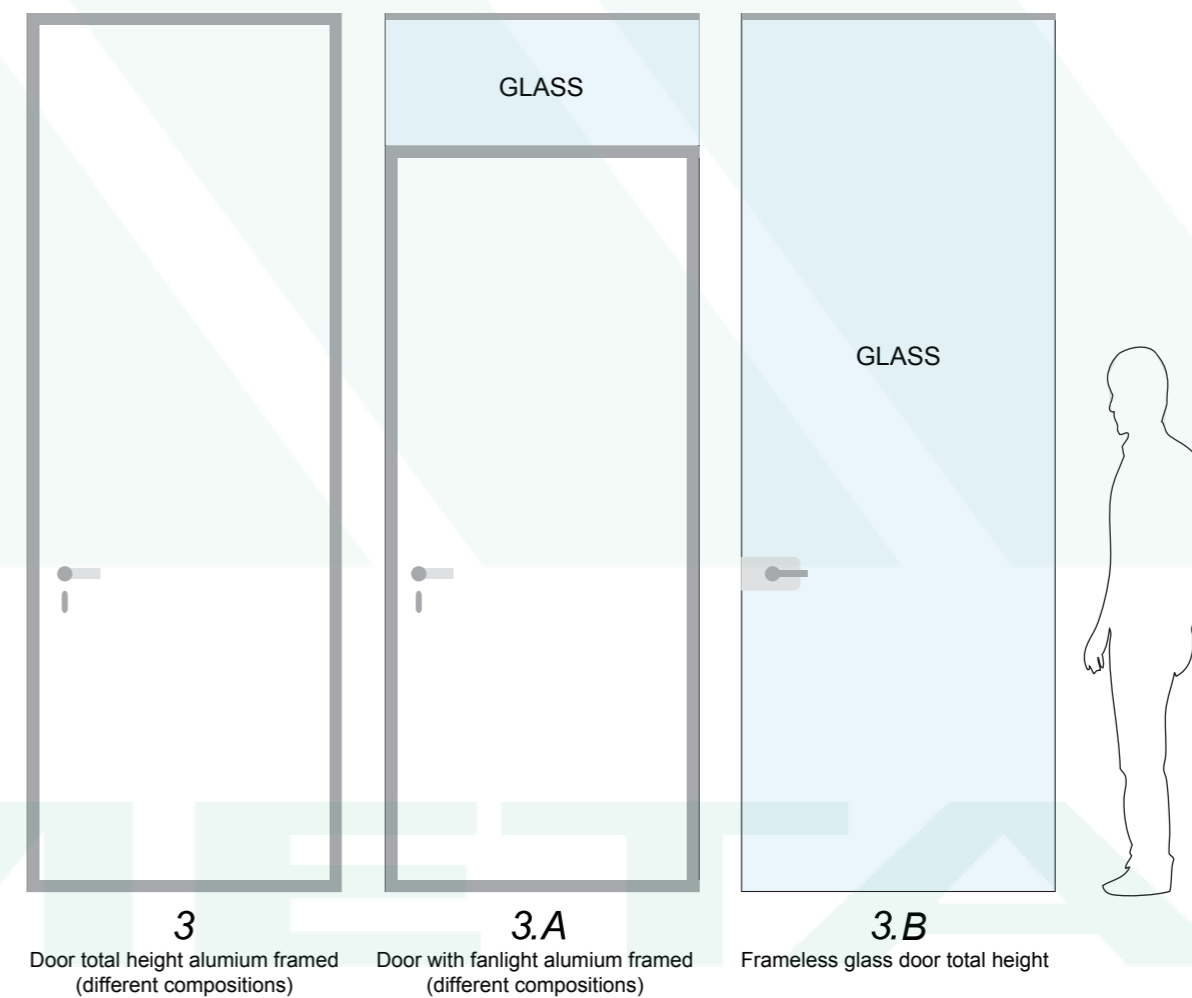
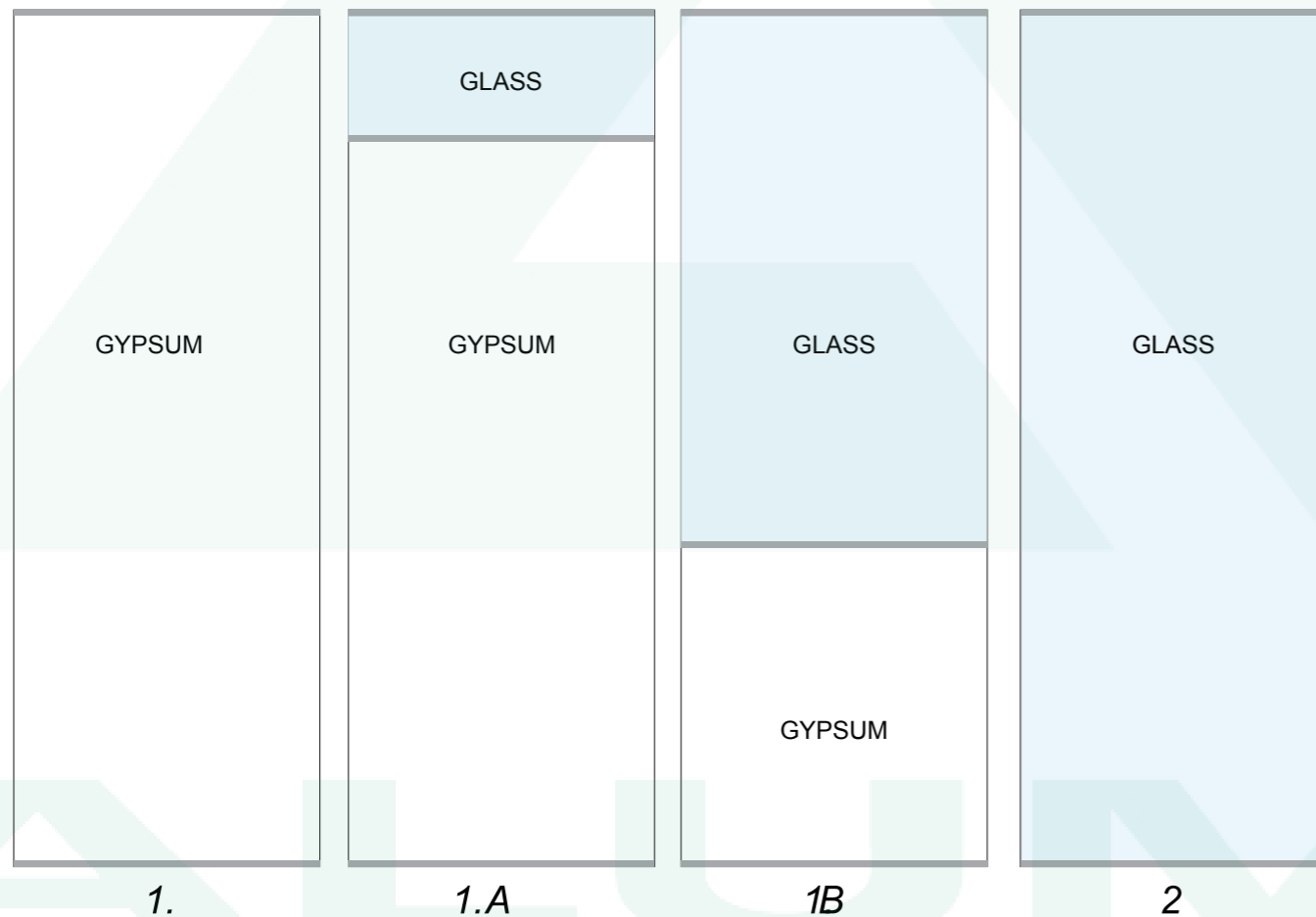


PANEL FEATURES

	ITEM 1	ITEM 1.A-1.B
	MODULAR SOLID	MODULAR COMBINATION GLASS-SOLID GYPSUM
Acoustic performance	up to Rw 70 db	On request
Standard widths	1000 mm	1000 mm
Custom widths	Yes	Yes
Heights	up to 3500 mm	up to 3500 mm
Section thickness	min 120 mm	min 120 mm
Paintable Surface option	Yes	Yes
Bondable Surface option	Yes	Yes
Veneer / Laminates	Yes	Yes
Skirting profiles (Standard)	Yes	Yes
Relocatable	Yes	Yes
Rebuildable	Yes	Yes
Recoverable	Yes	Yes
Average Installation time (linear meter)	20 minutes	30 minutes
Warranty	10 years	10 years
Fire-rated	REI 30/60	On request REI 30/60
Special laminated glass	-	Yes
Customizations	Yes	Yes

ITEM 2	ITEM 3-3.A-3.B
ALUMINIUM FRAMED GLASS (GLASS JOINTED WITH POLISHED EDGES OR ALUMINIUM PROFILE OR SPECIAL POLICARBONATED CRYSTAL PROFILE)	DOOR TYPOLOGIES
On request	On request
1000 mm	1000 mm
Yes	Yes
up to 3500 mm	up to 3500 mm
min 45 mm	min 45 mm
No	Yes (No 3.B)
Yes	Yes
Yes	Yes
No	-
Yes	Yes
Yes	Yes
Yes	Yes
20 minutes	30 minutes
10 years	10 years
On request REI 30/60/90	On request REI 30/60
Yes	Yes
Yes	Yes

STANDARD ITEMS



EXAMPLE OF APPLICATION



Acoustic-wall is a new movable-relocable partitioning system made by Alumetal Ag of Switzerland.

This product come from 30 years Alumetal experience in this field and has been studied to grant a real high sound-absortion added value.

The partition is composed by:

1. Substructure made by aluminium extruded pillars and floor-ceiling guide profiles
2. Double wall-panels made by special gypsum plasterboard, which are easily installed and removed in case of any room lay-out variation
3. Panel supporting brackets in steel with adjustable level system
4. Special inside insulation panel in case of high noise absorption is required
5. Floor-skirting in PVC or aluminium profile
6. Aluminium framed windows or doors including glazing and easily integrated within the partition system

Alumetal Acoustic-wall provides sound insulation absorption up to 70 db (double gypsum layers each side + special insulation panel inside).

Because no visible metal profiles outside, the panel wall could be easily painted, paper covered or tiling as surface finishing.

A new finishing is now proposed by Alumetal with a thin layer 3 mm thick of gres-porcelain covering the gypsum panels external surface.

Product benefits:

- fast installation
- fast disassembling 100% relocable partitions
- light weight
- perfect surface, ready for finishing (paint, paper, porcelain etc..)
- gres-porcelain external finishing for high-standard rooms, high-traffic corridors, halls, washable bath-rooms etc..
- fire resistance up to 60 min.

Applications:

offices open space partitioning, hotels, schools, hospitals, malls,...



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