

ABSORPTION

ABSORBEL AGLO – recycled rebond foam



ABSORBEL	Thickness
Aglo S10	10 mm
Aglo S25	25 mm
Aglo 80	20 mm
Aglo 80	50 mm
S = Self-adhesive	

Description

Absorbel Aglo is a recycled, open cell polyurethane foam pressed into blocks after rebonding the shredded foam with a binder.
The product has a multi-colored look.

Characteristics

- Flexible sheet with resilient open cell surface and visible flaked structure
- Very good noise absorption over a wide range of frequencies
- Higher densities at an equal thickness have more favorable absorbing abilities for low frequencies
- Good recovery due to permanent elasticity
- Compound constructions provide special improvement in the insulation value for air and contact noise
- Good thermal insulation ($\lambda = 0,038 \text{ W/mK}$)
- Resistant to water, oil, bases and temperatures from -40 to $100 \text{ }^\circ\text{C}$
- Density varies between 60 kg/m^3 - 300 kg/m^3

Application

Besides space absorption, ABSORBEL AGLO is specifically used for creating floating double walls and floors

For example, ABSORBEL AGLO is then provided with BARYFLOOR, double plasterboard or a hard finish

Processing

Surface must be clean, dry, dust and grease free

Can be cut to size with Stanley knife or saw, to be bonded with synthetic resin adhesive

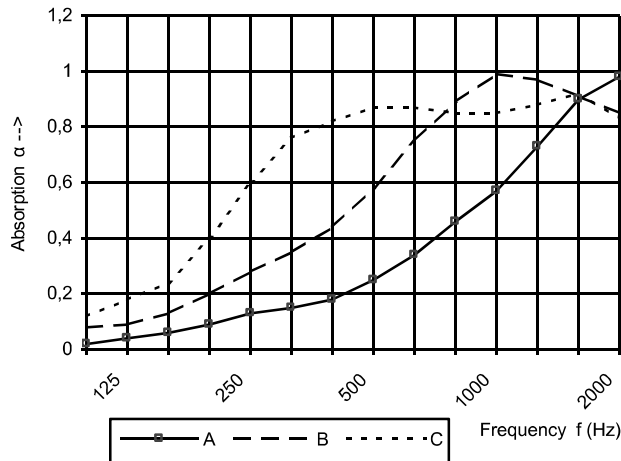
Dimensions

ABSORBEL AGLO S10; strips of $2000 \times 50 \times 10 \text{ mm}$

ABSORBEL AGLO S25; strips of $1000 \times 50 \times 25 \text{ mm}$

Other dimensions and thicknesses available upon request

ABSORPTION VALUE

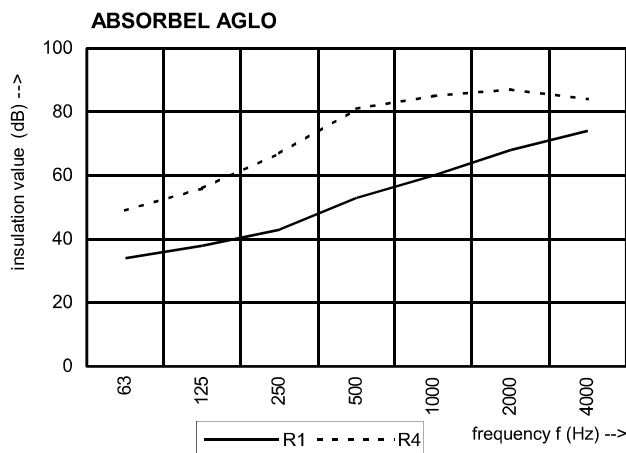


A = 25 mm ABSORBEL AGLO 80
 B = 50 mm ABSORBEL AGLO 80
 C = 80 mm ABSORBEL AGLO 80

SOUND INSULATION

composition:

- R1 : Brick wall of 200 kg/m², with plasterwork
- R2 : as R1, with 60 mm Absorbel Aglo 80 and 2 plasterboard sheets each 12.5 mm fully bonded
- R3 : as R2 with 80 mm ABSORBEL AGLO
- R4 : as R2 with 100 mm ABSORBEL AGLO
- R5 : as R2 with 120 mm ABSORBEL AGLO



freq	R1	R2	R3	R4	R5
63	34	42	46	49	51
125	38	47	52	56	58
250	43	58	65	67	70
500	53	73	81	81	84
1000	60	83	84	85	87
2000	68	82	84	87	91
4000	74	81	81	84	90