

DYNA AKUSTİK FOAM

ACOUSTIC FOAM INSULATION PRODUCTS



YOU HAVE MANY REASONS TO USE

- Flexible,
- High density,
- High operating temperatures
- When it faces to high temperatures, it doesn't melt, no melted drops occurred; no structural changes observed.
- It doesn't get moldy thus no change observed in the structure when it is kept under an humid atmosphere;
- Specially produced; all pores are clear and this product features the sound absorption in order to provide the place silent.
- No flammable.
- Dyna acoustic foam plates are used specifically to arrange the acoustic placement of interior places as follows;
- In the constructions of the wall, ceiling and floor in order to achieve the horizontal and vertical sound insulation;
- To absorb the mechanic noises, it can be used on the surfaces of airconditioner and ventilation canals ;
- In the practices of fire sensitive places;
- Recording studios, open plan offices, restaurants, shooting polygons, TV studios, generator chambers, conference halls, particularly entertainment places, airports, control towers and in many places where require the sound insulation.
- Dyna Fix can be easily applied on any special surface by using special adhesive;
- It is packed in rolls and plates;
- It is produced in various density and types;

**NO NOISE
ANYMORE!!!**

DYNA AKUSTİK - NF TECHNICAL SPECIFICATIONS

Density	75 ±5 Kg/m ³
Tensile Strength	< 80 kPa
Stretching extension	% 150
Heat transfer	0,048 W/m ² °K.
Operating temperatures (interrupted use)	-30 °C,+130 °C
Operating temperatures(continuous use)	-30 °C,+100 °C
No Flammibility BS 476 Part 6-7	Class 1 - Class 0
Color	Black

Dyna acoustic NF is made of polyurethane foam reinforced with the additives increasing the non-flammability characteristic thus it is highly strong against the fire, flexible and a good insulator against the sound and acoustic settlements.

It doesn't keep the dust since it does not produce static electric. Optionally, some materials can be laminated on such as the fabric, aluminum foil, artificial leather etc.. Therefore the cleaning is easily achieved. No remains of glass wool or stone wool can be observed thus it can be safely used in the places where an air circulation is provided continuously such as the dining halls, conference halls, music and recording rooms, electronic equipment boxes etc..

Lead and PVC barriers and/or fabric laminations are available upon request.

A WIDE RANGE OF PRODUCTS

Dyna Akustik NF-75
75 +5 kg/m² density
straight acoustic plate

Dyna Akustik NF-60
60 +5 kg/m² density
straight acoustic plate

Dyna Akustik NF-50
50 +5 kg/m² density
acoustic plate having one
pyramid surface

Dyna Akustik NF 75 Primit
75 +5 kg/m² density
acoustic plate having one
viol surface

Dyna Akustik NF 75 Profil
75+5 kg/m² density
acoustic plate having one
self-adhesive surface

Dyna Akustik NF-75-SA
75 +5 kg/m² density
acoustic plate having one self-
adhesive surface

Dyna Akustik NF-60-SA
60 +5 kg/m² density
acoustic plate having one self-
adhesive surface

Dyna Akustik NF-50-SA
50 +5 kg/m² density
acoustic plate having one self-
adhesive surface

Dyna Akustik NF 60 Primit
60 +5 kg/m² density
acoustic plate having one
pyramid surface

Dyna Akustik NF 60 Profil
60+5 kg/m² density
acoustic plate having one
viol surface

DYNA ACOUSTIC PRAMIT FOAM TECHNICAL SPECIFICATIONS

Density	18-32 ±5 Kg/m ³
Heat transfer	0,048 W/mk.
Operating temperatures(continuous use)	-5 °C,+100 °C
No flammibility DIN 4107	B2 - B1
Color	Grey and Black
Pyramide Types	334 - 445 -557

DYNA ACOUSTIC PYRAMID FOAM is made of sound insulation foams of polyurethane. All pores are open. The sound absorbing surface is cut in shape of pyramid in order to make the surface area wider. This special foam can be produced in different colors on based of a decorative appearance.



SOUND ABSORPTION COEFFICIENTS OF DYNA ACOUSTIC PLATES IN DIFFERENT THICKNESSES*

	125 Hz.	250 Hz.	500 Hz.	1000 Hz.	2000 Hz.	4000 Hz.
12 mm	0,07	0,09	0,18	0,27	0,38	0,53
25 mm	0,08	0,22	0,38	0,52	0,62	0,72
50 mm	0,22	0,48	0,75	0,83	0,87	0,96
100 mm	0,42	1,02	1,10	0,96	1,01	1,07

*α value in different frequencies according to BS EN 20354 norm.

The technical values of Dyna Akustik can be changed without previous notification by the purpose of recovery of the products.

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A dynamic solution in insulation