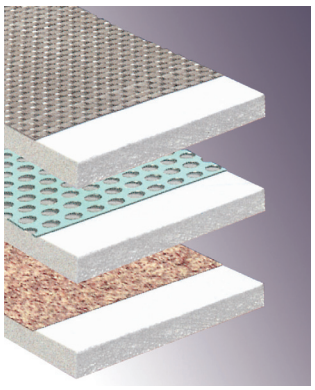
NFA Fiber Glass Sound Absorbing Board



■ Features

The NFA board is the perfect non-combustible sound-absorbing material treated with GlassCloth and Fabric using an E-glass fiber needle mat. It offers higher sound-absorbing power compared with other products of the same thickness. Plus, it is the first sound-absorbing material in Korea that is treated with the Roving Cloth, which made it last longer and look beautiful outside.

■ NFA-GC TYPE

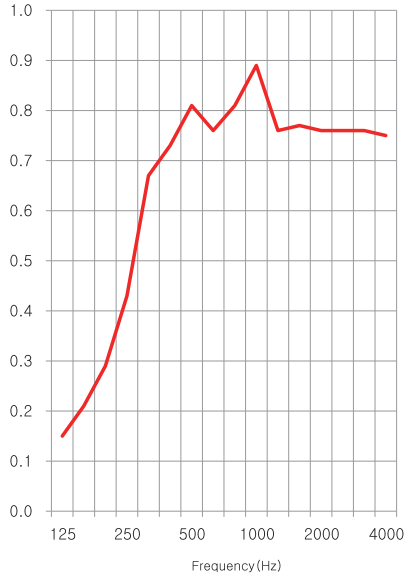
As the sound-absorbing material for construction and industrial fields, NFA-GC is made of an E-glass fiber needle mat covered with Glass Cloth. It is the most efficient sound-absorbing material that copes with medium/high frequency range.

■ Usage

Used for sound absorption in power generator rooms, air conditioning rooms and industrial facilities

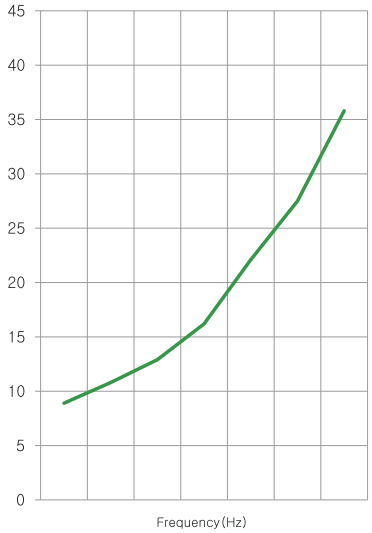
■ Size 1000X1000X20mm, 25mm/THK

■ Sound Absorbing Coefficient (Reverberation Method)



Hz	α
125	0.15
160	0.21
200	0.29
250	0.43
315	0.67
400	0.73
500	0.81
630	0.76
800	0.81
1000	0.89
1250	0.76
1600	0.77
2000	0.76
2500	0.76
3150	0.76
4000	0.75

■ Transmission Loss (NFA Sound Absorbing Board25T)



Frequency(Hz)	63	125	250	500	1000	2000	4000
25T board	8.9	10.8	12.9	16.2	22.1	27.5	35.8

■ NFA Merit

1.Excellent noise attenuation
The NFA sound-absorbing board with a density higher than 160Kg/㎥ has higher sound absorbing coefficient compared to other products of the same hickness. Because three different medium are stacked up, it copes better with physical properties of sound. Plus, it has a high transmission loss, which provides excellent noise attenuation when installed.

2.Made up of perfect non-combustible natural mineral material, it lasted 2 hours in the level-1 fireproof construction test.

3.It is light, economical, easy to handle and install and moreover, generates less dust.

4.Because it is made up of E-glass fiber, which is natural mineral having excellent durability and safety, it has a chemical resistance with a high durability. And it has a low thermal expansion coefficient, which means it is unlikely to contract and expand as it is almost never affected by temperature and humidity.

■ NFA sound-absorbing board installation