ALPHAfon - TB

TRANSPARENT NOISE BARRIER

APPLICATIONS

Transparent Noise barriers **ALPHA*fon*-TB** are used when noise insulation and visual contact are simultaneously required. They can be used in motorways, railways, schools and building sites. Barrier Walls are normally used to place a sound barrier between a noise source and a target population. This barrier creates a “sound shadow” zone of quiet that can be tailored to cover almost any size area either indoors or out.

TECHNICAL CHARACTERICS

They offer :

- high light transmissibility
- crash endurance 10 kj/m2 (ISO 179/1D)
- hardness Rockwell 90 (ASTM D 785),
- minimal water absorption 0,30 % (ISO R 62).

Transparent Noise barriers **ALPHA*fon*-TB** are often used in projects that require high architectural aesthetics.

In order to achieve optimum acoustic results we carry out advanced, scientific acoustic studies that predict, evaluate and recommend the correct selection of the transparent noise barrier.
Our design services include layout, structural steel support framework, foundation design (for ground level barriers), access doors and certified calculations including P.E. or S.E. stamp.

- Allows maximum flexibility of design and utility on the ground or on the rooftop
- One– or two-sided sound absorption
- Steel or aluminum construction
- Perfect for retrofit installation to solve existing noise problems
- Low-weight construction ideal for roof or bridge mounted applications
- Designed to withstand high wind loads

- Barrier modules are designed and built to minimize water invasion
- Panels resist moisture through the bottom and are self-draining
- Exterior finishes resist harsh cleaners, common chemicals, and salt exposure

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