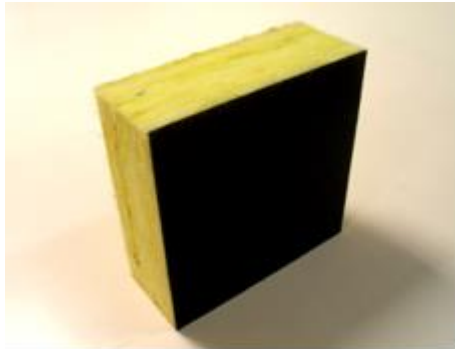


ABSORPTION

AIRISOL-DUCT - sound absorbing filling (splitter plates)



AIRISOL-DUCT	Thickness	Weight
32/50 TIS B OS/BS	50 mm	32 kg/m ³
32/100 TIS B OS/BS	100 mm	32 kg/m ³
32/50 FAB B OS	50 mm	32 kg/m ³
32/100 FAB B OS	100 mm	32 kg/m ³
TIS = glass fiber tissue FAB = glass fiber cloth OS = 1 side BS = both sides		

Description AIRISOL-DUCT is a sound absorbing glass wool plate covered with AIRISOL® glass fiber tissue or AIRISOL® glass fiber cloth on one or both.

- Characteristics**
- Solid glass wool plate, high noise absorbing, suitable for application with high air speeds
 - Non-breeding ground for fungal growth, rot proof
 - Water-repellent, not hygroscopic, not capillary
 - Steam diffusion $\mu \approx 1,2$; class MU1 (DIN EN 12086)
 - Thickness tolerance; class T2 (DIN EN 13162)
 - Dimensional stability; class DS (T1) (DIN 4108-10)
 - Thermal conductivity $\lambda = 0,034$ W/mK at 10 °C (DIN EN 12667)
 - Fire safety class A1 (DIN EN 13501-1)
 - Airisol ® glass tissue of AIRISOL® glass fiber cloth:
 - max. application temperature: 125 °C
 - max. air speed: 25 m/s
 - Reports:
 - TNO report B-88-868, NEN 6064 (is equivalent to ISO 1182-1990)
 - Peutz: specific air current resistance and noise absorption (A-1711-1-RA)
 - Approval available on request

Application AIRISOL-DUCT silencing plates are special developed as noise absorption filling for expansion silencer, enclosures, walls and air ducts

Sizes
 2400 x 1200 mm
 3000 x 1200 mm
 Specific dimensions and thicknesses available on request

ABSORPTION VALUES

Absorption material : Airisol-duct
 Measured according to : ISO 354:2003 (rapport A1711-1-RA)

