



TABS CARBON PRO 50mm 13dB α_w 1.0

Thermal, acoustic insulated composite laminate

Barrier mat system α_w

Specialist acoustic composite barrier system designed for a variety of applications in buildings and temporary structures. This innovative composite is a unique design allowing for multiple reuse and structure flex and movement. The insulating and acoustic properties can be further enhanced to match customers individual specifications. The product can be deconstructed for permanent builds and long term solutions.

The product combines excellent sound absorption with a fantastic aesthetic and simplistic installation due to the product being supplied in rolls of any length.

TABS CARBON PRO was designed in 2019 as a specialist development for film studios. Despite COVID19 the product has been successfully installed at the following venues.

Bray Film Studios, Windsor. UK
Mobile World Congress, Barcelona ESP
ITV TV studios- I'm a Celebrity, Wales UK
C4 TV studio- The Circle, Manchester UK
Magazine London- Event space

Specification

Multi layered composite
Sound Reduction 13dB R_w (single)
Sound Reduction 22dB R_w (double)
Class A sound absorption
NRC 1.0 (BS 3638:1987)
Thermal Conductivity 0.05 W/(m·K)
Class A1 fire rating for external surfaces
Class A2 fire rating for insulation
FMVS3002 Zero burn rate, self-extinguishing
BS476 Part 6&7 Class O
Carbon gel acoustically transparent face
Weight 1.2 kgm²
SRI 13 dB (R_w)

Alternative formats

TABS CARBON STUDIO 50mm α_w 1.0
Weight 3.7 kgm²
SRI 24 dB (R_w)

TABS CARBON STUDIO PLUS 50mm α_w 1.0
Weight 4.8 kgm²
SRI 25 dB (R_w)

