



Sandwich foil SFRT

Applications

Industry

Workshop machines, fans, mills, printers, material handling machines, particle separators, power equipment, generators, compressors, food processing machines, hoods.

Transportation and vehicles

Bus floors, off road vehicles, forest machines, ships and railway wagons.

Office

Printers, sorting- and enveloping machines, loud speakers.

Architecture

Elevators, steps, engine rooms, ventilation installations, doors, floors, transportation shoots, fans.

Method of use

The pieces are cut or punched out to the desired shape and carefully pressed on to the surface to be damped. When applying, the surface must be free from oil, dirt, and dust. The pressure has to exceed 30 N/cm² for at least 5 minutes.

Product characteristics

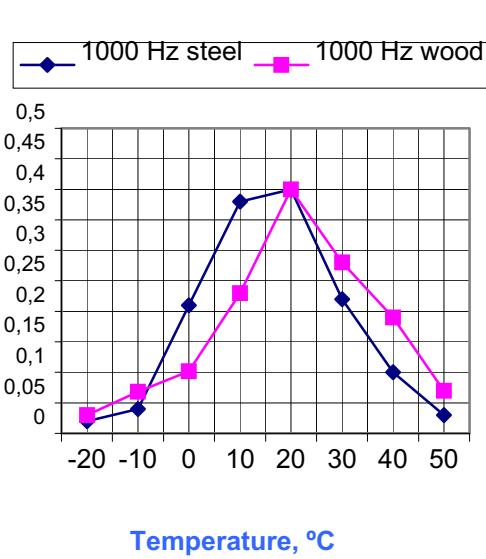
Sandwich foil SFRT is a viscoelastic foil of fibre-enforced bitumen.

The Foil has self-adhesive glue at both sides for the application in between two constraining layers of constructional material.

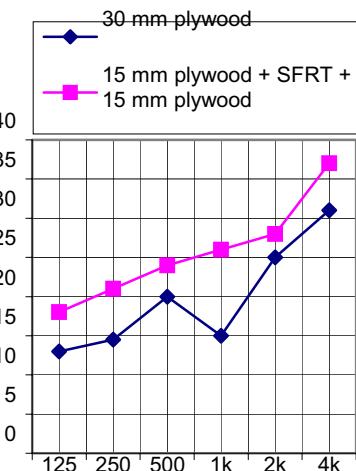
Advantages

- Very good structure damping also for thick constructions of wood and metal
- Good damping for a wide frequency range
- Increase the transmission loss, especially for wood constructions
- Water-repellent
- Long service life

Combined Loss factor, η



Transmission Loss, D_{TL}



Technical data

Loss factor and
Transmission Loss See diagram

Resistance to
temperature -30°C to + 100°C

Fire class FMVSS 302

Coefficient of
thermal
conductivity $\lambda = 0,11 \text{ W/m}^\circ\text{C}$

Adhesive's tear
strength Approx 15 N/cm test
width

Colour Black

Environment Freon and PVC free

Thickness 1,6 mm

Weight 1,3 kg/m²

Delivery format 1000x1000 mm
(other sizes and
shapes can be
supplied on request)

Experiences

The shaping and positioning of
the material is of major
importance to achieve an optimal
sound-dampening effect.

SONTECH has long
experience of practical noise
control projects in a wide range of
industrial fields. These
experiences can be a valuable
addition to the laboratory data
given in the datasheet.

SONTECH can also assist
with advice and sound
measurements for noise control
and in the manufacture of
customised material sets.

Designation system

Sandwich foil SF

Optimised for
room temperature RT

Example of order
code SFRT

