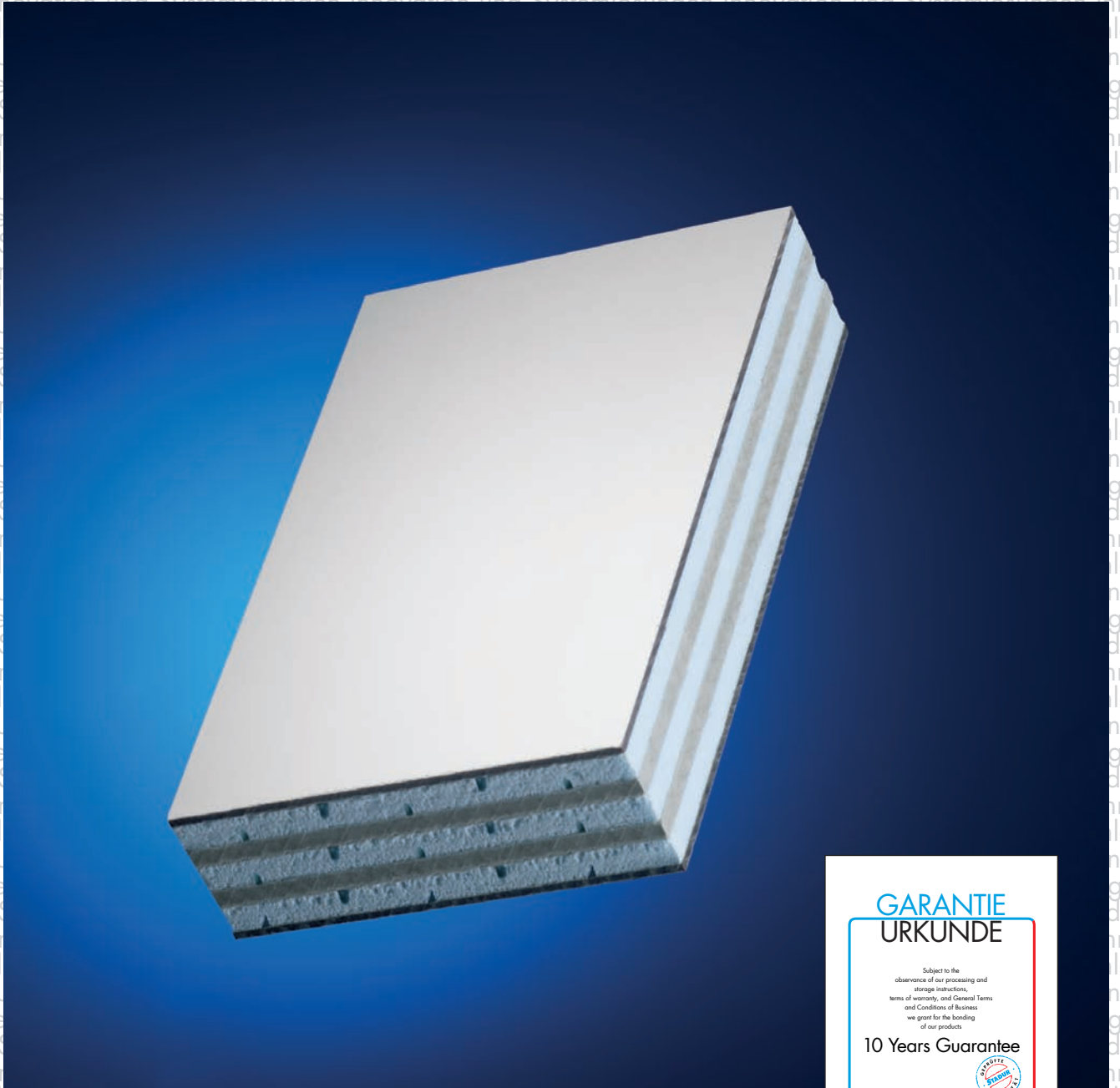




STADUR

Innovation und Systemlösungen

Made in Germany



GARANTIE URKUNDE

Subject to the
observance of our processing and
storage instructions,
terms of warranty, and General Terms
and Conditions of Business
we grant for the bonding
of our products

10 Years Guarantee

STADUR
Innovation und Systemlösungen

Stadur Produktion GmbH & Co. KG
Ottensheim 24 • D-22716 Hamburg
Telefon +49 (0) 4144 254-0 • Telefax +49 (0) 4144 254 100
E-Mail: stadur@stadur.com • www.stadur.com

Stadur Phon

The Composite Board for all Soundproofing Problems

Product Information

Stadur Phon

Product Overview - Stadur Soundproofing elements

As a qualified manufacturer of composite elements the Stadur Company possesses test certificates substantiating the actual soundproofing values for both special elements and standard composite elements (e.g. FB-1, FB-2, FB-4). Through extensive testing carried out on various material combinations, special soundproofing elements with test certificate are available under the following designations:

Stadur Phon 36/I

Consists of PVC compact panels on both sides with a special core. Available in standard formats.

Technical data	Thickness	28.0 mm
	Weight	14.3 kg/m ²
	U-value	1.051 (W/m ² ·K)
	dB-value	36

Stadur Phon 36/II

Consists of PVC compact panels on both sides with a special core. Available in standard formats.

Technical data	Thickness	40.0 mm
	Weight	20.6 kg/m ²
	U-value	0,716 (W/m ² ·K)
	dB-value	36

Stadur Phon 37

Consists of PVC compact panels on both sides with a special core. Available in standard formats.

Technical data	Thickness	30.0 mm
	Weight	18.3 kg/m ²
	U-value	1.042 (W/m ² ·K)
	dB-value	37

Stadur Phon 39

Consists of 2.0 mm laminated facings (melamine/HPL) on both sides with a special core. Available in standard formats.

Technical data	Thickness	32.0 mm
	Weight	20.8 kg/m ²
	U-value	1.067 (W/m ² ·K)
	dB-value	39

Stadur Phon 43

Consists of 2.0 mm laminated facings (melamine/HPL) on both sides. Due to the special core construction a pressure-proof edge band is necessary. **Available only in fixed dimensions.**

Technical data	Thickness	32.0 mm
	Weight	23.4 kg/m ²
	U-value	1.398 (W/m ² ·K)
	dB-value	43

Stadur Phon 46

Consists of 2.0 mm laminated facings (melamine/HPL) on both sides. Due to the special core construction a pressure-proof, inserted edge band is necessary. **Available only in fixed dimensions.**

Technical data	Thickness	36.0 mm
	Weight	32.5 kg/m ²
	U-value	1.367 (W/m ² ·K)
	dB-value	46

The tests were performed in accordance with DIN 52210, section 3 »air-soundproofing ordinance«.

The construction structures of the Stadur Phon elements are bound by the test certificates and cannot be freely modified, e.g. the wish for an improved U value, which can only be accomplished with a thicker foam core, can also lead to a drastic deterioration of the dB value.

On the basis of our experience however, we are sure we can find solutions for you.
Make use of our competence in all matters concerning soundproofing composite elements.