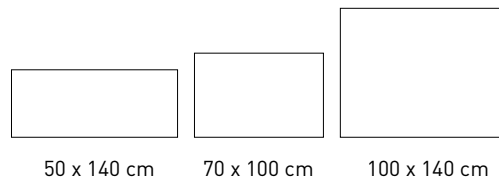


## TECHNICAL DATA

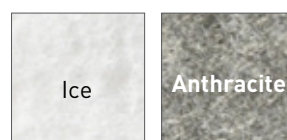
Panel made of IsolFIBTEC STR (recycled thermo-bonded polyester technical textile fibre), appropriately calibrated to ensure high sound-absorbing performance in industrial large environments.

Unlimited duration, non-toxic, ecological, does not release particles and does not change its physical characteristics over time.

### Size



### Fiber colour



### Thickness





**Thickness** Approx. 50 - 80 mm

**Acoustic absorption**

- Acoustic absorption coefficient for widespread incidence (Thickn. 50 mm) UNI EN ISO 10534-1:2001

Frequency [Hz]	125	250	500	1000	2000	4000
$\alpha_p$	0.10	0.25	0.30	0.55	0.90	0.80
$\alpha_w = 0.40$						

- The sound absorption coefficient for widespread incidence (Thickn. 80 mm) UNI EN ISO 10534-1:2001

Frequency [Hz]	125	250	500	1000	2000	4000
$\alpha_p$	0.05	0.20	0.50	0.80	0.85	0.85
$\alpha_w = 0.45$						

- Sound absorption coefficient and relevant area of acoustic absorption 50 mm UNI EN ISO 354:2003

Frequency [Hz]	125	250	500	1000	2000	5000
$A_{obj}$ [m <sup>2</sup> ]	0.60	1.00	1.50	1.80	2.20	2.30
$\alpha_p$	0.20	0.35	0.50	0.60	0.70	0.75

Test carried out on panels not in adhesion (type fitting J). These values refer to a single unit measurement with 1.0x1.4 m = 1.4 m<sup>2</sup> thick. 50 mm

**Size** 50 x 140 cm, 70 x 100 cm, 100 x 140 cm  
Non-standard sizes are also available after a feasibility check.

**Colours** Anthracite or Ice.

## Conditions of use

IsolSpace Industry is a product specially developed in size and thickness suitable for the acoustic correction of noisy environments. It is particularly suitable in industrial environments, even in situations of semi-diffused or non-diffused acoustic field, where the acoustic correction is done mainly on the ceiling by baffle installation. The sizes and the thickness that are available ensure sound absorption even at the lowest frequencies. On request the product is supplied with a suitable steel cord, already mounted for vertical suspension.

## Warning

This technical data sheet is not a valid specification and, if it consist of multiple pages, be sure to read the full document. This instruction are the best of our current experience but are indicative information. Assuming the liability resulting from the use of this product, it is up to the user to establish whether the product is suitable for the intended use.