

# SUND® Environment subceiling



For rooms with high sound levels, we recommend SUND® Environment subceiling. SUND® Environment subceiling is a product that is not allergenic, does not rot or mould or provide emissions. Works excellently for all types of environments, from noisy, industrial premises to quiet libraries.

**SUND® Environment subceiling** from Akustikmiljö is an alternative to mineral fibres, aimed for acoustic and noise-reducing purposes.

**SUND® Environment subceiling** is made of polyester fibre, which is thermally bound without any chemical additives and is not allergenic, skin sensitizing or irritating to the respiratory passages, nor does it emit any gas in case of fire. It is durable, can be recycled and is insensitive to moisture.

**SUND® Environment subceiling** is naturally white, scentless, does not rot or mould and does not give off any

emissions. The polyester used in the subceiling board has been used for textile purposes, home decoration, bed textiles and for many application within the medical service since the 1960's, without any known problems.

**Akustikmiljö's SUND® Environment subceiling** edge A is fitted into standard support constructions T 24 or equivalent. Size 1200 x 600 x 20/40 mm with support profile for square pattern 600 x 600 mm.



Sund® Environment subceiling with sound-absorbing notice-board.



Sund® Environment subceiling on the walls and in the ceiling of a school dining-hall.

## Designation when ordering

**“Akustikmiljö SUND® Environment subceiling edge A”.**

**Art. No. 810001** white CM surface 1200 x 600 x 20 mm.

**Art. No. 811001** white CM surface 1200 x 600 x 40 mm.

## Cleaning

The absorbers are best cleaned with a dry brush, a vacuum-cleaner, a blower or, as an alternative, wet cleaning with cold water, a clean cloth and environment-friendly washing or cleaning detergents.

## Fire-technical qualities

The subceiling has been tested by the SP on a large scale according to NT FIRE 030 and on a small scale according to ISO 5660. The subceiling together with the support profile for division into 600 x 600 mm fulfils the fire-technical requirements for surfaces class 1 (B-s1,d0) against inflammable foundations. Standard approval certificate Swedcert, TG No. 0448 and TG No. 0754.

## Acoustic qualities

Performed by the Swedish SP according to ISO 354 and ISO 11654

Product	Surface	Constr. height	Frequency Hz							αw
			63	125	250	500	1'	2'	4'	
SUND 20 mm 45 kg/m <sup>3</sup>	Subceiling	20	0,00	0,10	0,30	0,45	0,80	0,95	0,85	0,50
	stand	70	0,00	0,15	0,45	0,70	1,0	0,85	0,75	0,70
	CM	220	0,05	0,35	0,85	0,85	0,70	0,80	0,80	0,80
SUND 40 mm 34 kg	Subceiling	40	0,05	0,25	0,50	0,90	1,00	0,80	0,60	0,75
	stand	90	0,05	0,35	0,60	1,0	0,90	0,70	0,65	0,75
	CM	240	0,10	0,50	0,85	0,90	0,75	0,75	0,65	0,75
SUND 50 mm 31 kg	Subceiling	50	0,05	0,25	0,60	0,90	1,0	0,95	0,90	0,90
	stand	100	0,10	0,30	0,65	0,95	1,0	0,90	0,90	0,90
	CM	250	0,10	0,40	0,85	0,95	0,85	0,95	0,95	0,95

Akustikmiljö was started in 1996 and today is one of the leading companies within the acoustic trade. Akustikmiljö's business concept is to design sound-improving solutions aimed for anything from modern settings designed by architects and music studios to K-labelled (under national protection) seventeenth century buildings. Akustikmiljö's head office and production plant are found in Falkenberg, Sweden, and we deliver solutions to a number of countries all over Scandinavia and parts of Europe.



**akustikmiljö**