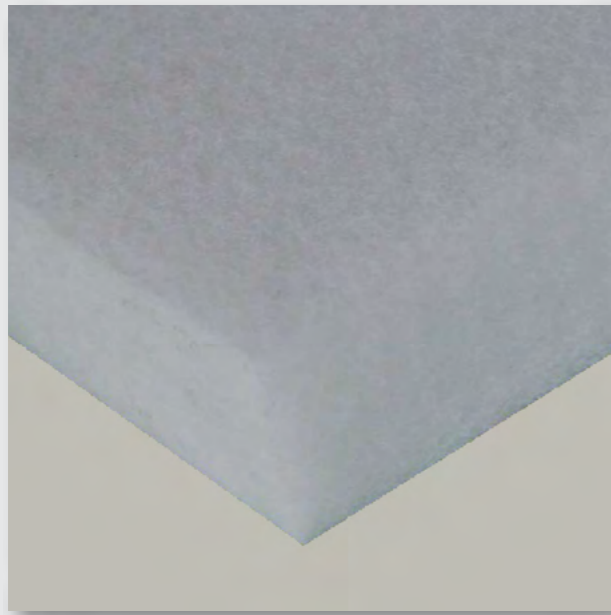


AKUSTIK® SOFT



ROLLS	h 600 mm
PANELS	595x595, 1200x600, 2000x1000 mm
THICKNESS	from 10 to 100 mm
DIMENSIONS TOLERANCE	according to DIN 7715 Part 2
DENSITY	10 - 20 - 30 Kg/m ³ Other upon request
DETERMINATION OF THE OPACITY OF THE SMOKE TOXICITY OF GAS ATS 1000.001 ISSUE 4	meets the limits
CERTIFIED ECOLOGICAL AND TOXICOLOGICAL:	Product Oeko Tex Standard 100 Class I
OPERATING TEMPERATURE	-40°C +110°C
THERMAL CONDUITIVITÀ (to UNI EN 12667)	λ = 0,034 W/mK Density 60 Kg/m ³ λ = 0,036 W/mK Density 50 Kg/m ³ λ = 0,037 W/mK Density 40 Kg/m ³ λ = 0,038 W/mK Density 30 Kg/m ³ λ = 0,039 W/mK Density 20 Kg/m ³
REACTION TO FIRE	B-s2, d0

POLYESTER-BASED FIRE-RESISTANT MATERIAL FOR SOUND AND HEAT INSULATION

MATERIAL

Akustik®-Soft is the fiber of polyester 100% pure, white color. It is odourless, non toxic and it doesn't give any epidermal problem; it doesn't create dust and doesn't deteriorate, it keeps its characteristics unaltered over time and it is recyclable. Akustik®-Soft is a class B-s2,d0 material and its smokes are non toxic. Furthermore Akustik®-Soft can be combined with aluminium or with insulating masses such as lead or EPDM.

FIELDS OF APPLICATION

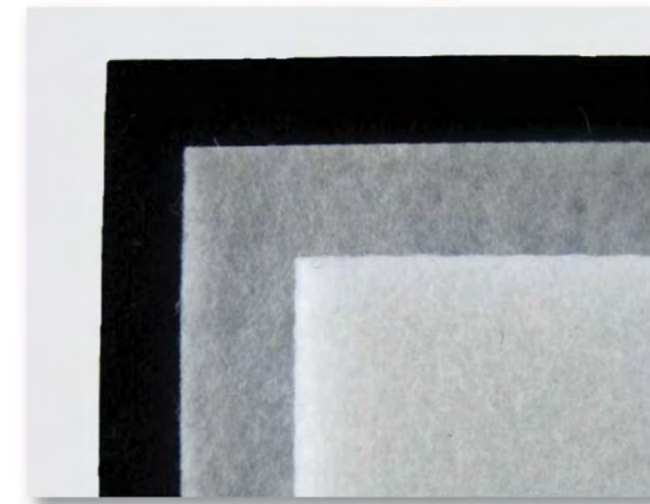
Akustik®-Soft is widely used for heat and sound insulation of every kind of hollow ceilings (plasterboard, staves, mineral fiber, lightened plaster, metal, etc.) for hollow spaces, for masonry and plasterboard supporting walls and for moveable walls, etc. Akustik®-Soft is also widely used in railway and car industry and for the sound insulation treatment of factories.

INSTALLATION

Akustik®-Soft can be easily shaped with scissors or cutter. It could be free laid on false ceilings and partitions, or glued to walls and ceilings with NDA VIL glue.

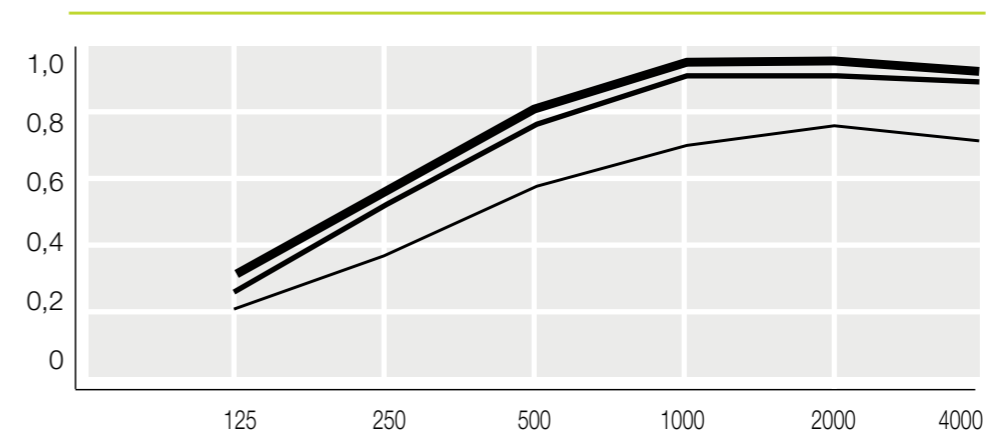
APPLICATIONS

COLOR VARIANTS



WHITE BLACK GREY

SOUND ABSORPTION COEFFICIENT (α_S)



FREQUENZA Hz	125	250	500	1000	2000	4000
D.20 sp. 40 mm	0,20	0,38	0,59	0,70	0,77	0,75
D.30 sp. 50 mm	0,22	0,53	0,78	0,87	0,89	0,87
D.40 sp. 50 mm	0,28	0,57	0,80	0,93	0,97	0,94