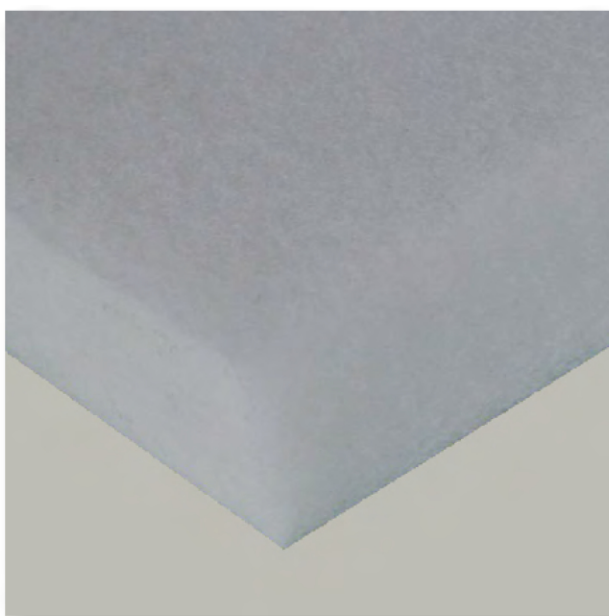


AKUSTIK® SOFT

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



TECHNICAL CHARACTERISTICS

- **Acoustic absorption coefficient UNI EN ISO 11654:**
 $\alpha_w = 0,65$ Density 50 Kg/m³, th. 30 mm
 $\alpha_w = 0,75$ Density 30 Kg/m³, th. 50 mm
- **Thermal conductivity: UNI EN 12667:**
 $\lambda = 0,034$ W/mK Density 60 Kg/m³
 $\lambda = 0,036$ W/mK Density 50 Kg/m³
 $\lambda = 0,037$ W/mK Density 40 Kg/m³
 $\lambda = 0,038$ W/mK Density 30 Kg/m³
 $\lambda = 0,039$ W/mK Density 20 Kg/m³
- **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
- **Reaction to fire:** B-s2, d0

STANDARD DIMENSIONS*

Rolls: h 600 or h 1200 mm

Panels: 595x595, 1200x600, 2000x1000 mm

Thickness: from 10 to 60 mm

Density: 10 - 20 - 30 Kg/m³.

MATERIAL

Akustik®-Soft is the fiber of polyester 100% pure, white or black 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 in 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.

*Any other dimensions or density can be supplied on request.

Dimensions tolerance to DIN 7715 Part 2.