Decho® Style is an essential and elegant acoustic panel designed by Acustico®, following the popular "Nordic" interior design trend. The panels are made with polyester fiber core (PET) and wool fabric covering (100% virgin wool).

The construction system is simple but at the same time it is innovative compared to the traditional industrial technologies. The production process involves the thermal treatment of the polyester, the bonding of the fabric by hot pressure and the molding in the required sizes.

This thermal treatment of the polyester, improves the acoustic performances of the material and its structural features, making the internal polyester core more rigid.

Because of this constructive aspect these panels do not need a frame (PVC or aluminium), therefore any additional weight and acoustically reflective surface are eliminated.
TECHNICAL DETAILS

FABRIC:
Composition: 100% virgin wool or felt 75% wool + 25% polyester;
Abrasions (Martindale) UNI EN ISO 12947:2000 50.000 cycle ± 20%;
Lightfastness (Xenotest): UNI EN ISO 105 B02 S;
Rubbing resistance: EN ISO 105-X12 - Wet 4/5 - Dry 5
Flammability: 1 IM UNI 9175 - EN 1021-1: 2006 - EN 1021-2: 2006 - TB 117:
2013 - IMO
Treatments: Hydro-Oil Repellent

INTERNAL POLYESTER FIBER (PET):
Composition: 100% polyester fiber – no toxic substance according to D.M.
12/02/93;
General features: resistance to chemical agents (acids, salts, hydrocarbons), antifungal, antibacterial, waterproof, unfading, odorless, no fibers dispersion;
Reaction to fire: UNI 9177 Class 1 - UNI EN 13501-1:2009 Euroclass R-c2-s1-d0
No toxic fumes emission (ANFOR F1 16-101).

Decho® Style panels are produced without using FAV (artificial vitreous fiber such as glass wool and rock wool) and formaldehyde, therefore there is not inhalable dusts dispersion in the environment.

DIMENSIONS AND COLORS

Decho® Style modules are available in different sizes and in two versions: single-sided (colored fabric on one side) suitable for wall and ceiling installation, or in double-sided as baffle version (colored fabric on both sides) for ceiling installation.

Standard sizes and dimensions (measures in mm): rectangular/square/circular etc. shape and different sizes, described in the scheme below.
Other dimensions available on request (minimum amount 50 m2).
Standard thickness (measures in mm): 40;
Fabric and colors: 100% virgin wool or felt 75% wool + 25% polyester, available in 60 colors.

ACUSTICO

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