Søuld Acoustic Fragments

MATERIAL DATA SHEET

PRODUCT INFORMATION

Trade Name	Søuld Acoustic Fragments
Supplier	Søuld ApS
Product Type	Acoustic absorbent: Flame Retardant
Application	Interior acoustic panels - Only Wall Appliance
Mounting	Adhesive, screws or mechanical fixtures See sould.dk

COMPOSITION OF DESIGN

Ingredients	Function	Origin
Søuld Acoustic Boards FR	Acoustic Panels	Denmark
MDF - E01	Backing Board	Europe
Glue	Binder	Denmark

DIMENSIONS AND DENSITY

Parameter	Thickness [mm]	Length [mm]	Width [mm]
Standard sizes	36	540	270
Tolerances	-5/+5 %	± 2,0 %	± 1,5 %

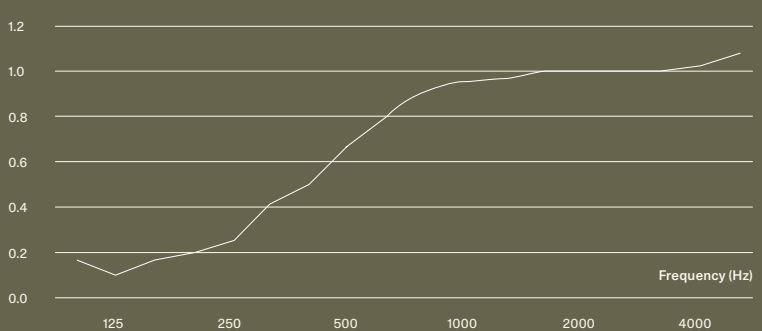
Søuld Acoustic Fragments are made out of Søuld Acoustic Boards FR. Therefore, minor variations in the mats moisture content and dimensions may occur. Depending on the relative air humidity and temperature, the material expands and contracts continuously. Minor variations should be accepted as the Acoustic Boards FR respond to changing indoor conditions throughout the seasons. It is important to follow Søuld's instructions for product installation, storage and acclimatisation to achieve optimal results.

ACOUSTIC PERFORMANCE

ASTM C423-23 & ISO 17025:2017 & ASTM E795-23:

Installation Method		aw	NRC	SAA	Class
Direct mounted on concrete wall/ceiling	0 mm air gap	-	0,72	0,70	Indicative C

Sound Absorption Coefficient



REACTION TO FIRE

Installation Guide	Installation Method	Standard	Class
See sould.dk	Glued	EN 13501-1	D-s2,d1

CRADLE TO CRADLE

Parameter
See Søuld Acoustic Boards FR

EPD (ENVIRONMENTAL PRODUCT DECLARATION)

See Søuld Acoustic Boards FR

PRODUCTION & RECYCLABILITY

Production location	Denmark
Waste in production	Can be recycled
Recyclability	Recyclable
Warranty	2-year product warranty, subject to Søuld's Installation Instructions and Terms.

APPEARANCE AND ODOUR

Color	Bright Warm Brown
Odour	Subtle wind and sea

Søuld Acoustic Boards FR are made from a natural material with no additional dyes. Therefore, slight colour and structure variations may occur. If consistent colour and structure matching is required for the installation, please use products from the same pallet or the same production batch. All mats will be delivered untreated - without a sealing. That's to keep the natural characteristics of the eelgrass regarding scent, haptics and optics alive. The ageing of the surfaces through UV-light is a natural process. Please note that newly manufactured and freshly cut Acoustic Mats will impart a subtle, natural scent of the sea which decreases over time.