



Still TF

Still TF panels are used to create visually impressive and acoustically effective wall installations. The beautiful natural fiber surface can be brought to life with a printed graphic or image. Customize a Still panel to suit your taste or choose something suitable from Yeseco's range of images and patterns.



Carbon Footprint

Carbon footprint CF is -1.52 kg CO₂-eq/m². Life Cycle Analysis is done according to SFS-EN ISO 14044 standard.

Materials

- Still T panels are ecologically manufactured using natural hemp fibers and recycled paper and PET fibers.

Construction

- maximum size of an individual element is 1000 x 1600 x 45 mm..
- The installation can be customized to requested width and length measures. Larger images are made of several pieces, which are installed by gluing the pieces to the butt groove side by side. The whole image is to be framed in a protective hedge to protect the edges of the panels.

Surface Options

Still TF's surface is fire treated printable natural fiber. The digitally printable image can be chosen from Yeseco's image and pattern options, or from the customer's own image files. The image file resolution must be at least 2000 pixels per meter, i.e. 50 dpi. Recommendation is 75 dpi.

Frames and Installation

Still TF panels can be ordered without frames or with white wooden frames. The frames are glued into place.

Indoor use safety

- Products is safe for indoor use, it's emission class is M1. The decision is in line with requirements laid down in Classification of indoor Climate 2008 and Classification of Building Materials: General instructions by The building information Foundation, RTS sr, Finland.

Fire Class Certificate

Reaction to fire performance is B - s₂ - d₀ for Still TF. Classification is done in accordance with EN 23501-1:2007+A1:2009 standard and tested according to EN 13823:2010+A1:2014 and EN ISO 11925-2:2010 standards.

Acoustic Properties

Yeseco Still TF panels are particularly effective in lowering the level of unwanted noise reflections caused by conversation.

Sound Absorption

Determination of sound absorption is done in a reverberation room according to SFS EN ISO 354-2003 standard.

ISO 11654 -Sound Absorption class A, α_w 1
125 Hz: 0,27 1000 Hz: 1,00
250 Hz: 0,75 2000 Hz: 0,95
500 Hz: 1,00 4000 Hz: 1,00

Determination of sound absorption and classification

Client: Yeseco Oy
 Paljekatu 6, 38200 Sastamala, Finland

Order: VTT-O-177941-16

Test place: VTT Expert Services Ltd TH1

Task: Determination of absorption coefficient (EN ISO 354) / Octaves valuation and classification (ISO 11654:1997)

Test date: 4.7.2016

Sample: 3. Yeseco Still T Acoustic Panel with a natural fibre surface and an image print

Board size: 760 x 1190,5 x 45 mm

Surface mass: 4,2 kg/m²

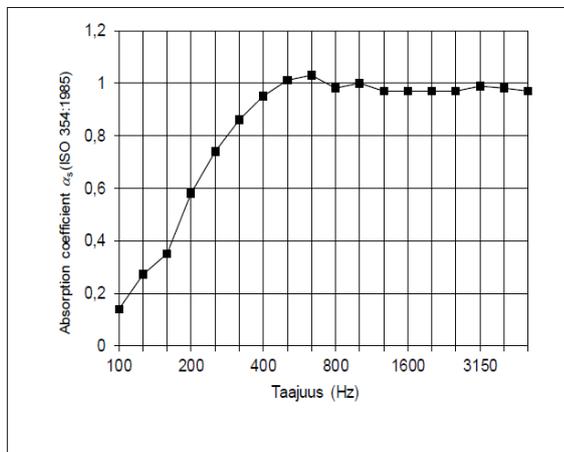
Arrangements: The sample surface in background position

Volume of the rev. room: 201 m³

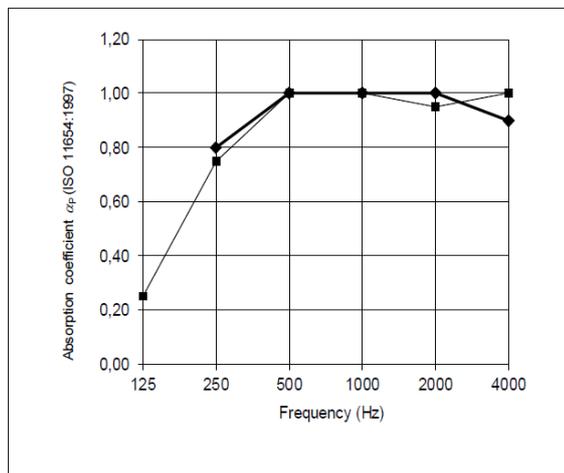
Area of the inner surf.: 209 m²

Sample size: 12,1 m²

Temperature and relative humidity of rev. room
 Empty: 21 °C 65 %
 Sample: 21 °C 63 %



Frequency (Hz)	T ₁ (s)	T ₂ (s)	α_s
100	4,13	3,41	0,14
125	4,87	3,26	0,27
160	5,27	3,13	0,35
200	5,09	2,41	0,58
250	5,30	2,14	0,74
315	5,30	1,96	0,86
400	4,68	1,76	0,95
500	4,65	1,69	1,01
630	4,91	1,70	1,03
800	4,92	1,75	0,98
1000	4,97	1,74	1,00
1250	4,70	1,74	0,97
1600	4,18	1,66	0,97
2000	3,87	1,61	0,97
2500	3,63	1,57	0,97
3150	3,23	1,47	0,99
4000	2,81	1,38	0,98
5000	2,44	1,29	0,97



Octave values and classification - ISO 11654

Frequency (Hz)	Reference Curve	α_p
125		0,25
250	0,80	0,75
500	1,00	1,00
1000	1,00	1,00
2000	1,00	0,95
4000	0,90	1,00

Weighted absorption coefficient, α_w : 1

Sound absorption class: A

Absorption classes: A, B, C, D, E and no classification.

The test results relate only to the sample tested.

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Yeseco Collections | Images and Patterns

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