AFS ECOSOFT

THERMALLY INSULATED ALUMINIUM ECOSOFT FLEXIBLE AIR DUCTS

TYPES:

ISOAFS-ALU.70 ECOSOFT
(XXXX)

ISOAFS-ALU.F ECOSOFT
(XXXX)

ISOAFS-ALU ECOSOFT

That's because the natural brown colour represents a level of sustainability and handling never before achieved. The colour comes from ECOSE® Technology, a revolutionary, new sustainable binder born from 5 years of intensive research. Made from rapidly renewable organic materials rather than oil based chemicals commonly used in other insulation products, ECOSE® Technology reduces binder embodied energy by up to 70%.
Combined with the brown colour comes a new 'super soft' feel, which in conjunction with the same reliable thermal and acoustic performance you have come to expect from glasswool, result in the next generation of energy saving insulation.
Made using sand and recycled glass bottles combined with ECOSE® Technology, new glasswool does not contain artificial colours or added formaldehyde, resulting in environmental credentials above our already A+ rated products in the Green Guide, and also in full compliance with 'formaldehyde free' specifications.

VOC and Formaldehyde emisions of AFS flexible air ducts based on ISO 16 000.

Compounds	Cas Number	Cexp at 28 days	Emission class
Formaldehyde	50-00-0	4	A+
Acetaldehyde	75-07-0	1	A+
Toluene	108-88-3	<1	A+
Tetrachlorethylene	127-18-4	<LD	A+
Xylene	108-38-3	<LQ	A+
1,2,4-trimethylbenzene	95-63-6	<1	A+
1,4-dichlorobenzene	106-46-7	<LD	A+
Ethylbenzene	100-41-4	<LQ	A+
2-butoxyethanol	111-76-2	<LD	A+
Styrene	100-42-5	<LQ	A+
TVOC*	-	11	A+
Resulting emission class			**A+**

* Volatile Organic Compound
Exposure concentrations at 28 days (µg.m-3) from SONOAFS-ALU.70 ECOSOFT ventilation duct and resulting emission class
(LD: detection limit, LQ: quantification limit)

The dimensions, tolerances and mechanical resistance of ALUAFS are tested, classified and certified according to EN 13180.

TECHNICAL PROPERTIES

TYPE	ISOAFS-ALU.70 ECOSOFT	ISOAFS-ALU.F ECOSOFT
Inner Duct Construction	3 ply aluminium + 2 ply polyester	3 ply aluminium + 1 ply polyester
Jacket Construction	1 ply aluminium + 2 ply polyester	1 ply aluminium + 2 ply polyester
Nominal Thickness (Inner Duct / Jacket)	70 micron / 45 micron	74 micron / 45 micron
Available diameters	Ø 52 mm - Ø 800 mm	Ø 82 mm - Ø 800 mm
Temperature range	-30 °C / +150 °C	-30 °C / +250 °C
Air velocity	30 m/s (max)	30 m/s (max)
Operating pressure	3000 Pa (max)	3000 Pa (max)
Insulation	glass wool -—- 25mm - 16 kg/m³	glass wool -—- 25mm - 16 kg/m³
Standard length	10 m	10 m
Packing	Single cardboard box	Single cardboard box
FIRE CERTIFICATE		
France	M1	M0/M1
CERTIFICATE		
EU EN 13501-1	Class B-s1, d0	

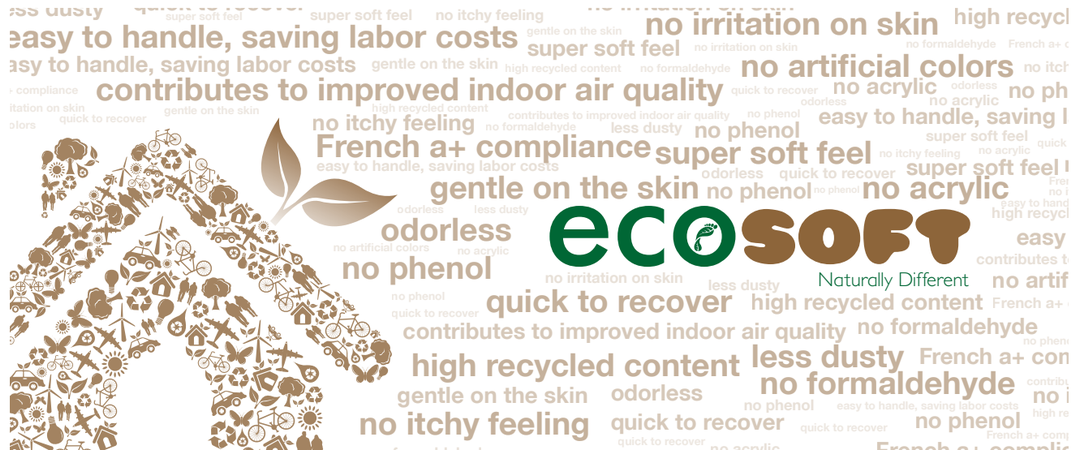
*Information on the emission level of volatile substances into indoor air, presenting a risk of toxicity by inhalation, on a scale ranging from A+ (very low emissions) to C (high emissions) (text in French)

CSTB Test report n° SC-15-030

ABSENCE OF RELEASE OF CMR COMPOUNDS

Compounds	Cas Number	Cexp at 28 days
Trichlorethylene	79-01-6	<LD
Benzene	71-43-2	<LQ
Bis(2-ethylhexyl) phthalate	117-81-7	<LQ
Dibutylphtalate	84-74-2	<LQ
Compliance with Orders		**YES**

Release of CMR compounds: exposure concentrations at 28 days (µg.m-3)
from SONOAFS-ALU.70 ECOSOFT ventilation duct (LD: detection limit, LQ: quantification limit)



AFS ECOSOFT

THERMALLY & ACOUSTICALLY INSULATED ALUMINIUM ECOSOFT FLEXIBLE AIR DUCTS

TYPES:

SONOAFS-ALU.70 ECOSOFT
(XXXX)

SONOAFS-ALU.F ECOSOFT
(XXXX)

SONOAFS-ALU ECOSOFT

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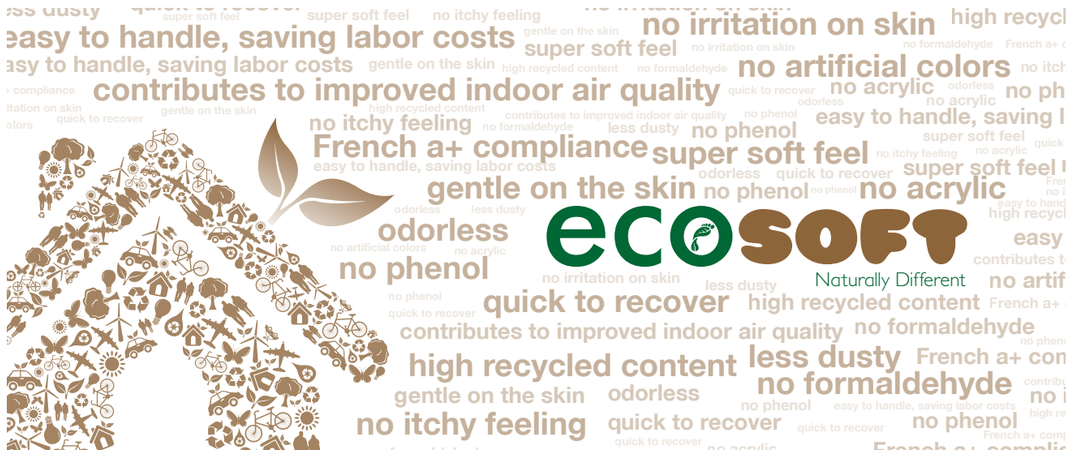

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