CLEAF Salt TSS Collection | thermo structured surface

Composition	**Test Method**	**Support** Wood: Adhesive: Additives: **Surfaces facing** Decoration:	 trunks, stems, branchwood, billets, root collars, fast-growth trees and shrubs, residues from the sawing, veneer cutting, stripping and carpentry of broadleas and coniferous species. 78-88% condensation of urea/formaldyde 7-9% water 5-13% ammonium sulphate 0,20% paraffin trace decorative papers impregnated with melamine resins
Formaldeid	EN 120	Class E1 Class EPF-S (>8mm)	<8 mg/100gr <4mg/100g
Physical Properties	EN 323 EN 322	density moisture content	From 500 to 700 kg/m3 From 5% to 13%
Dimension Tolerance	EN 14323 EN 14323 EN 14323 EN 14323	thickness tolerance thickness within the board length – width bowing (balanced panels)	≤15mm +/-0,2mm; >15mm +/-0,3mm ±0,3mm ±5mm ≤ 2mm/m

Requirements

	Nominal Thickness	>3mm ≤4mm	>4mm ≤6mm	>6mm ≤13mm	>13mm ≤20mm	>20mm ≤25mm	>25mm ≤32mm	>32mm ≤40mm	>40mm	unit of measurement
		AVERAGE VALUES FOR PANEL THICKNESS SET (MM)								
EN 319	internal bonding	0,45	0,45	0,40	0,35	0,30	0,25	0,20	0.20	N/mm²
EN 310	bending strength	13	15	14	13	11,5	10	8.5	7	N/mm²
EN 310	modulus	1.800	1.950	1.800	1.600	1.500	1.350	1.200	1.050	N/mm²
EN 311	surface integrity	0,8	0,8	0,8	0,8	0,8	0,8	0,8	0,8	N/mm²

Surface Technical Properties	EN 14323	resistance to wear	Printed colours Class 1, solid colours Class 3A
	EN 14323	resistance to steam	≥level 4
	EN 14323	resistance to scratch	≥1,5N
	EN 14323	resistance to stain	Groups 1 and 2, Class ≥4
	EN 14323	resistance to light	≥6 blue wool scale
	EN 14323	resistance to cracking	Class ≥3
	EN 12722	resistance to dry heat	Class B
	UNI 9300	tendendy to keep dirt	Level ≥4
	EN 14323	surface defects	≤2 mm²/m² spots ≤2 mm²/m² length

Legend
Level 5 No visible change
Level 4 Slight change, only visible at certain angles
Level 3 Moderate change of gloss and/or colour
Level 2 Marked change of gloss and/or colour
Level 1 Surface distortion and/or blistering

Storage	Keep the goods in a dry and ventilated place (relative humidity 35%-65%). Do not store with easily inflammable substances. If exposed to ultraviolet rays of the sun, the panel may deteriorate. Avoid creating unmanageably high and unstable stacks.
Manipulation	To avoid warping or damp stains place the panels on pallets with suitable spaces. Use suction pads or gloves when handling the panels. Machinery and equipment must be fitted with appropriate aspiration devices.

* Chipboard not recycled to be used in internal place (type P2 according to EN 312) faced on the top side with melamine décor patterns throw a pressing process. Available on request: FSC, water and fire resistant.

Technical Details

Product's Wood Composition

Product	Industry Location	Composition of Product	Place Coming From
Chipboard Panel Homogen	FunderMax GmbH, Neudoerfl, Oesterreich	Approximately 60% wood shaving coming from saw mill 30% fibre fresh wood and chips coming from saw mill Approximately 10% old wood non treated (packaging material and recycled) Wood shavings are made only by coniferous wood. Fibre fresh wood for 80% + 20% Poplar, Alder, Beech, Oak	Most are from Austria

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