

CLEAF Salt TSS Collection | thermo structured surface

Composition	Test Method	Support	AVERAGE VALUES FOR PANEL THICKNESS SET (MM)								unit of measurement	
		Wood: trunks, stems, branchwood, billets, root collars, fast-growth trees and shrubs, residues from the sawing, veneer cutting, stripping and carpentry of broadleaves and coniferous species. 78-88%	>3mm	>4mm	>6mm	>13mm	>20mm	>25mm	>32mm	>40mm		
		Adhesive: condensation of urea/formaldehyde 7-9%	≤4mm	≤6mm	≤13mm	≤20mm	≤25mm	≤32mm	≤40mm			
		Additives: water 5-13% ammonium sulphate 0,20% paraffin trace										
		Surfaces facing										
		Decoration: decorative papers impregnated with melamine resins										
Formaldehyd	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/m ³ 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										
	EN 319	internal bonding	0,45	0,45	0,40	0,35	0,30	0,25	0,20	0,20	N/mm ²	
	EN 310	bending strength	13	15	14	13	11,5	10	8,5	7	N/mm ²	
	EN 310	modulus	1.800	1.950	1.800	1.600	1.500	1.350	1.200	1.050	N/mm ²	
	EN 311	surface integrity	0,8	0,8	0,8	0,8	0,8	0,8	0,8	0,8	N/mm ²	
Surface Technical Properties	EN 14323 EN 14323 EN 14323 EN 14323 EN 14323 EN 12722 UNI 9300 EN 14323	resistance to wear resistance to steam resistance to scratch resistance to stain resistance to light resistance to cracking resistance to dry heat tendency to keep dirt surface defects	Printed colours Class 1, solid colours Class 3A ≥level 4 ≥1,5N Groups 1 and 2, Class ≥4 ≥6 blue wool scale Class ≥3 Class B Level ≥4 ≤2 mm ² /m ² spots ≤2 mm ² /m ² length									
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.										

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

* Chipboard not recycled to be used in internal place (type P2 according to EN 312) faced on the top side with melamine décor patterns through 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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CARB CERTIFIED MANUFACTURER

No. 1080-1-TPC-11

Holzforchung Austria
Franz Grill-Strasse 7
A-1030 Vienna, Austria

California Approved Third Party Certifier Holzforchung Austria (TPC-11) has received a completed application by the manufacturer of composite wood products for third party certification. The manufacturer demonstrated compliance of composite wood products with section 93102.2(a), Title 17, California Code of Regulations at the manufacturer's production line "4" (designation "C4"). Holzforchung Austria has audited the manufacturer as required in section 93120.3(b), Title 7, California Code of Regulations. The manufacturer passed the initial (qualifying) primary test method at the TPC's accredited laboratory in Vienna. All requirements as described in 93120.12 Appendix 2-Section 2 have been met.

FunderMax GmbH

Bickfordstraße 6
A-7201 Neudörfel

SCOPE OF CERTIFICATION

Particleboard of type "E0,5"
Formaldehyde emission standard: CARB Phase 2
Thickness range: 6 mm to 40 mm

And produced in the factory

A-7201 Neudörfel, Bickfordstraße 6
Using the production line
"C4"

This certificate was first issued on 05.12.2008 and remains valid as long as the continuous supervision based on the contract No. 1080 between FunderMax GmbH and Holzforchung Austria is in force.

D.L.G. Oberdorfer
Technical consultant



Ing. D. Nestelberger

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