DECO LIGNUM

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FIRST AND ONLY
IN TURKEY

THE PRODUCTION FACILITY FOR
IMPACT RESISTANT HOLLOWED FLAKE,
MANUFACTURED BY EXTRUSION SYSTEM

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FIRST AND **ONLY**
In Turkey

Thanks to the extrusion system;

We produce rapid solutions to your mass production projects. Tubular Chipboard can be primarily used for internal fılling material for door wings in addition to being used for various applications such as divider boards, table tops and furniture components. The product can be used as Tubular Chipboard or solid (flat board).

This product offers various advantages to the consumers in terms of price and technical characteristics. This product is compliant to the fıre resistance classes and with the relevant standards in door applications.

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WHAT IS *Tubular Chipboard?*

Manufactured by applying adhesives, heat and perpendicular pressure to the flakes, obtained from the woodchips. This mixture, after being subjected to such pressing process, becomes a usable board that can be utilized for furniture applications. Since the areas of use for Tubular Chipboard products differ, their thickness differs as well. The thickness numbers for products, used in kitchen cabinets, bedrooms, bathroom cabinets and TV units, will be very different from each other. Therefore, the chipboards are manufactured with various thickness prof les. The specif c weight at each point on the chipboard is homogenous. This is a light weight material, however, it is also quite impact resistant despite this fact. It is also a low cost material. Provides insulation against sound and heat and is heatretardant

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WHERE IS THE *Tubular Chipboard* USED IN?

tubular chipboard is used in various areas such as;

Door wings, internal f lling material, divider boards, bathroom and kitchen cabinets, furniture components and even as pallet bases thanks to its strong structure.

Internal Filling for Doors: You can meet your quality and performance requirements by using tubular chipboards.

Divider Boards: It is generally favored by the architects over its competition especially for fair grounds and internal off ce designs due to sound insulation properties.

Pallet Base: Thanks to its weight resistance, this material is used as pallet base.

Furniture Components: Chosen as furniture parts such as table tops and bed bases thanks to its resistance to weight.

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Tubular Chipboard's FEATURES

Tubular Chipboard;

Substitute product is much more eff cient and, when examined, boasts signif cantly superior features in terms of price performance compared to alternatives.

IMPACT RESISTANT

Especially when used as a f lling material in door production, it provides eff cient strength compared to its alternatives.

FIRE RESISTANT

Our preferred product in door manufacturing complies with the TS EN 13501-1 standard and European norms.

WATER RESISTANCE

Kitchen and bathroom cabinets produced with Tubular Chipboard exhibit much greater resistance to water compared to MDF and MDF laminate materials.

EFFECTIVE SOUND INSULATION

Tubular Chipb oard is preferred by users due to its ability to minimize sound reflection and its sound absorption feature, providing eff cient sound insulation.

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FIRE Resistant

Our product, chosen for door manufacturing, complies with TS-EN 13501 - 1 and with European norms.

IMPACT Resistant

Especially when used as door f lling material, provides a more eff cient impact resistance compared to the similar products.

SOUND Resistant

Tubular Chipboard is preferred due to the fact that it minimizes the sound reflection rate and sound absorption characteristics.

Tubular Chipboard prevents echoing in envoirments, which require acoustic characteristics.

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WE ARE BEHIND THIS DURABILITY!

We are dedicatedly working to produce the strongest products in Turkey and globally.

With our expert team advancing in parallel with evolving technology, we proudly offer Turkey's first and only extrusion press system production, delivering it to your service.

The gateway to durability is opened through the door of our factory, and that door leads to Kolçam.

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TUBULAR CHIPBOARD

TECHNICAL DETAILS

GENERAL FEATURES	TEST METHOD	UNIT	ET	ETL	ES	ESL
Thickness Range	EN 14755	Mm	≤16 >16 ≤ 50	≤30 >30 ≤ 45 >45 ≤ 70	All Thicknesses	All Thicknesses
Thickness Tolerance	EN 324-1	Mm	±0,4	±0,4	±0,4	±0,4
Length tolerance	EN 324-2	mm/m	±10	±10	±10	±10
Density	EN 2323	kg/m³	≥550	≤550	≥550	≥550
Density Tolerance	EN 323	%	±15	±15	±15	±15
Moisture Percentages	EN 322	%	5 - 13	5 - 13	5 - 13	5 - 13
Formaldehyde Emission	E1	EN 120	mg/100	mg/100	mg/100	≤8
	E2					>8 - ≤30
Tensile Strength	EN 319	N/mm²	0,17	0,1	0,1	0,1
Flexural Strength	EN 310	N/mm²	4 3	1	1	1
Dimensional Change	EN 317	%	15 - 50	15 - 50	15 - 50	

ET: Molded Perforated: Tubular Board with a density equal to or more than 550 kg / m3 and a wall thickness equal to or more than 5 mm.

ETL: Molded Slightly Perforated: Tubular Board with a density less than 550 kg / m3 and a wall thickness less than 5 mm.

ES: Molded Solid: Solid board with a density equal to or more than 550 kg / m3.

ESL: Molded Light Massive: Solid board with a density less than 550 kg / m3.

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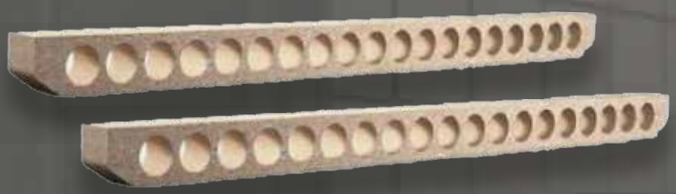
Load Carrier

introduces innovations with its newly designed premium carrier. With this enhanced design, we can provide benef ts to various sectors in the industry!



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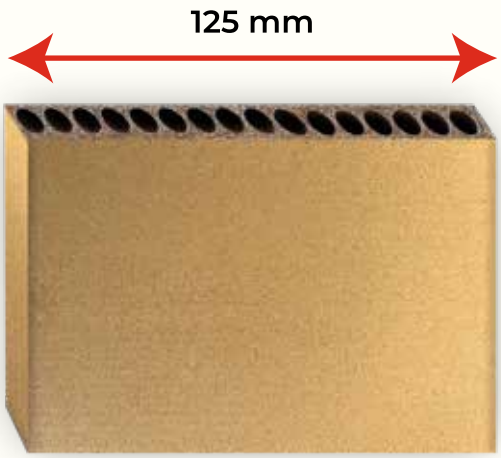
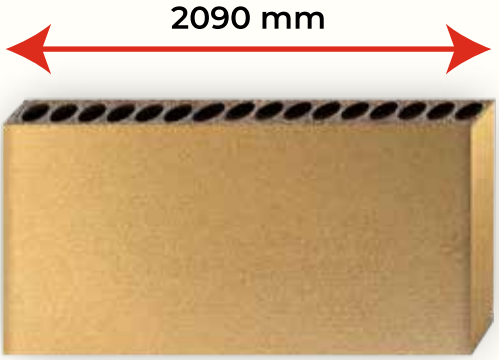
TUBULAR CHIPBOARD

SIZE DETAILS

Inc. produces Tubular Chipboards with a focus on adhering to specif c standards of quality. In this context, the standard length and width measurements we offer are listed in the table below:

STANDART WIDTH	*125 mm*	*2090 mm*
	STANDART LENGHT	
	2050 mm	600 mm
	2100 mm	700 mm
	2150 mm	800 mm
		1118 mm
STANDART THICKNESS	22 mm, 26 mm, 30 mm, 33 mm, 35 mm, 38 mm, 60 mm & 70 mm	





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