



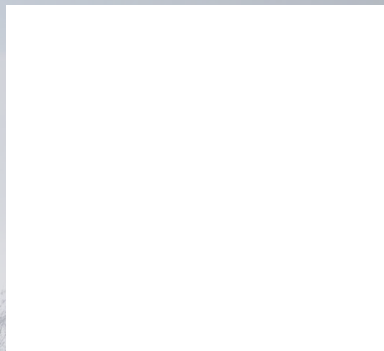
*polylac*

High Reflective Multi-Layered Panel

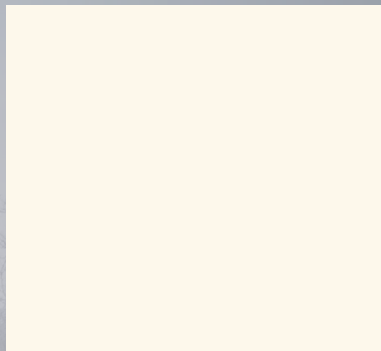
*polylac*

Mirror effect

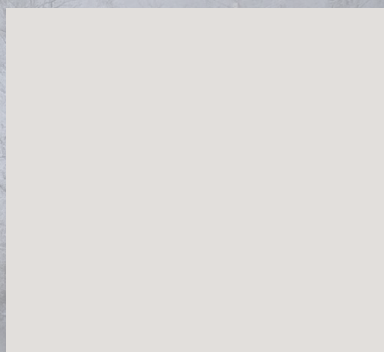




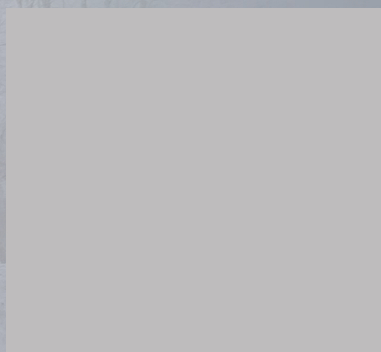
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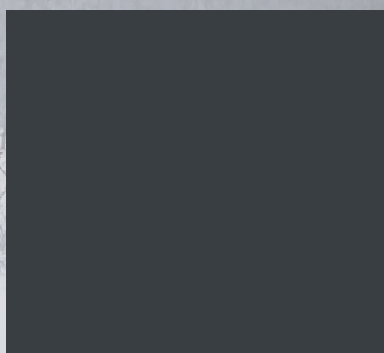
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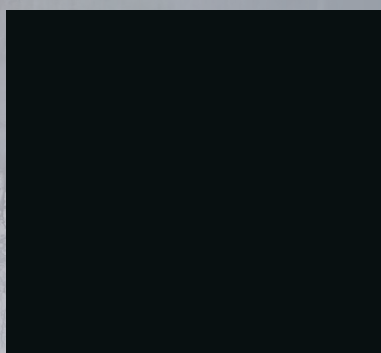
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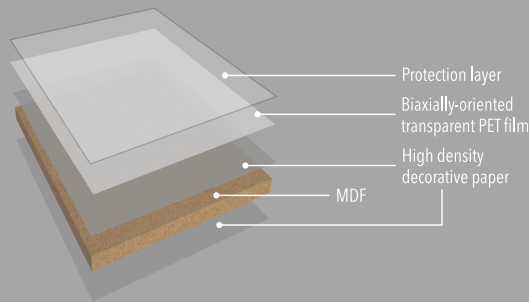


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\*Colors may vary, ask for samples.

## What is *polylac*?

Polylac by Gizir, a pinnacle in premium panel products that redefines interior aesthetics. Laminated by a transparent PET film, Polylac not only achieves the highest gloss level possible in the market(99GU) but also offers a versatile finish in matte. Its superior UV and scratch resistance ensure enduring beauty over years. With its resistance to chipping and cracking during the cutting process Polylac stands out as an easy to use material. Polylac extends its elegance to edgebands, ensuring a seamless, cleaner finish.



Dimensions (mm)	
Width	1220
Length	2800
Thickness	18 / 8

\*thickness options available

**MIRROR  
EFFECT**

**100%  
PVC FREE**

## Why choose *polylac*?

In the decorative panel industry, high gloss levels are easy to achieve, however, the higher the gloss level, the lower the scratch resistance. Polylac, through extensive testing, has proved superior levels of glossiness while maintaining a very high scratch resistance.

Polylac, due to its flexible PET film, will not crack or chip, thus making the edgebanding process simple.



Excellent gloss level



Increased UV resistance



Easy to clean and maintain

Excellent scratch resistance



Heat resistant



Matching back side  
Matching acrylic / ABS edgeband





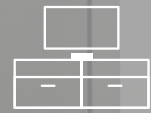
## Where to use?



Kitchen



Bathroom



Living room



Bedroom



Hotel furniture



Office furniture



Cabinet door

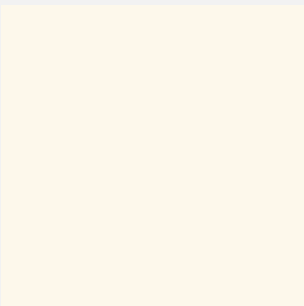


Wall panelling

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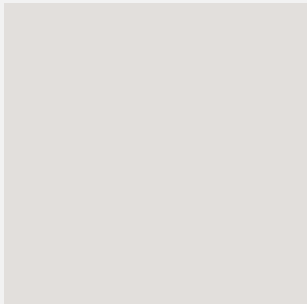
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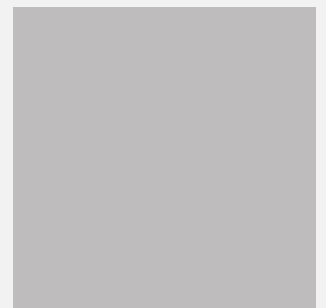
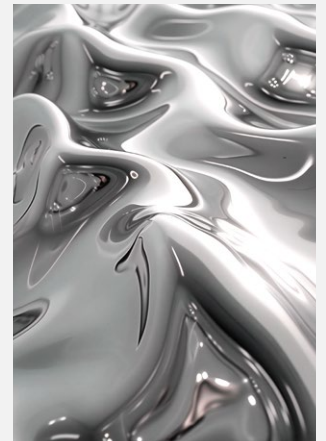
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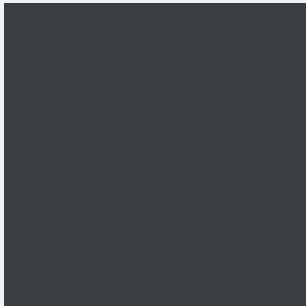


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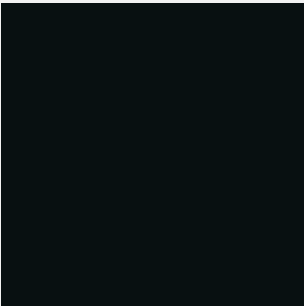


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# TECHNICAL INFORMATIONS

NO	FEATURE	VALUE	RESULT	STANDARD
1	Gloss level (60° angle)	Gloss	99 GU	TS EN 14323
2	Scratch resistance	N	3,0 Newton (Class 4B)	DIN 68861 part 4
3	Assessment of surface resistance to wet heat (100°C)	Class	5 (No change)	EN 12721:09
4	Assessment of surface resistance to dry heat (140°C)	Class	5 (No change)	EN 12722:09
5	Surface abrasion resistance	-	4500 rev. (Class 4)	EN 14323 cls. 5.9
6	Behavior towards impact loading by falling steel ball	mm	No cracking	EN 14323 cls. 5.14
7	Test of water steam resistance	Class	5 (No change)	EN 14323 cls. 5.11
8	Test of water steam resistance	Class	5 (No change)	EN 14323 cls. 5.6
9	Assessment of surface resistance to chemical cold liquids (Acetic acid, acetone, ammonia solution, citric acid, cleaning agent, etc.)	Class	5 (No change)	TS EN 12720:2900+A1
10	Colorfastness to light	Grey Scala	4 / 5. Grade	EN 15187
11	Bending strength (*)	N / mm <sup>2</sup>	32 N / mm <sup>2</sup>	EN 310
12	Modulus of elasticity in bending (*)	N / mm <sup>2</sup>	4441 N / mm <sup>2</sup>	EN 310
13	Surface soundness (tensile strength) (*)	Mpa	1,36 N / mm <sup>2</sup>	EN 311
14	Tensile strength vertical to the surface (*)	N / mm <sup>2</sup>	0,54 N / mm <sup>2</sup>	EN 319
15	Thickness tolerance	mm	± 0,3 mm	TS EN 324-1
16	Bow tolerance	-	3,5 mm / m	Gizir
17	Cold check (40 cycles, 1 h 60°C, 15 min. room temp., 1 h -30°C, 15 min. room temp.)	-	No Damage	TSE
18	Antimicrobial Products – Test for Antimicrobial Activity and Efficacy	-	E.coli / Sa.aureus ≥2	JIS Z 2801
19	Standard Practice for Determining Resistance of Synthetic Polymeric Materials to Fungi	-	0 growth at 7, 14, 21 and 28 days (suitable)	ASTM G21
20	Width and Length tolerance	mm / m	± 5 mm	TS EN 324-1

(\*) These values are weighted average of the test results.



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