

Product Data Sheet Star Favorit and Star Favorit Superfront

FunderMax produces and supplies melamine-faced chipboards and melamine-faced MDF boards Star Favorit and Star Favorit Superfront according to the requirements of EN 14322:2017.

Deviations from the EN 14322:2017 standard concerning thickness tolerance apply to the below mentioned products:

Surface Texture	Board substrate	Thickness range [mm]	Star Favorit	Star Favorit Superfront
All	Chipboard P2, P3, P5, B1 & MDF	8 bis 20 > 20	± 0,3 ± 0,5	± 0,5 + 0,5 / - 1,0
SG	Chipboard P2	≤ 20 > 20	± 0,5 + 0,5 / - 1,0	+ 0,5 / - 1,0
	MDF	13 15 bis 20	± 0,3 + 0,3 / - 0,8	- + 0,3 / - 0,8
HG, Echtmetall	Chipboard P2	≤ 20 > 20	± 0,5 + 0,5 / - 1,0	+ 0,5 / - 1,0

Fire classification according to EN 13501-1:

Board substrate	End use condition	Thickness range [mm]	Star Favorit	Star Favorit Superfront
Chipboard P2, P5	maximum 22 mm open air gap behind the wood-based panel	≥ 9	D-s2, d0	D-s2, d0
Chipboard P2, P5	with open air gap behind the wood-based panel	≥ 18	D-s2, d0	D-s2, d0
Chipboard B1	No air gap behind the wood-based panel	12 bis 38	B-s1, d0	B-s1, d0

Note:

This document has been drawn up to the best of our knowledge and with special diligence. We accept no liability for any mistakes, errors in standards or printing errors. In addition, technical modifications can result from the continuous further development, as well as from changes in standards and documents originating from statutory bodies.

General requirements:

Property		Star Favorit / Star Favorit Superfront	Requirement	Prüfverfahren
Length and Width	Full format, Separating Cuts	± 5 mm	EN 14322	EN 14323
	Cuts	± 2,5 mm		
Default	Thickness range ≤ 15 mm	-	EN 14322	EN 14323
	Thickness range > 15 mm; only with a balanced structure of the surfaces	≤ 2 mm/m		

Various influencing factors, such as changes in temperature or relative humidity during storage and on the construction site, can cause irreversible warpage in panels or elements.

Surface defect:

Property		Star Favorit / Star Favorit Superfront	Unit	Requirement	Prüfverfahren
Chipped edges	Full format	≤ 10	mm	EN 14322	EN 14323
	Cuts	≤ 3			
Surface defect	Dots	≤ 2	mm ² /m ²	EN 14322	EN 14323
	Longitudinal fault	≤ 20	mm/m ²		

Colour- and Surface characteristics:

Property	Star Favorit / Star Favorit Superfront	Unit	Requirement	Prüfverfahren
Colour matching	4	Level	EN 14322	EN 14323
Colour matching Perlmutter u. metallic decor	3	Level	EN 14322	EN 14323
Surface match	4	Level	EN 14322	EN 14323
Light fastness Xenon arc lamp blue scale	6	Nr.	EN 14322	EN 14323
Gloss level	Determination of the difference between the reference sample and the test specimen	-	EN 14322	EN 14323

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Technological values:

Property		Star Favorit	Star Favorit Superfront	Unit	Requirement	Prüfverfahren
Abrasion resistance	Uni	3A	3A	Klasse	EN 14322	EN 14323
	Dekor	1	1	Klasse	EN 14322	EN 14323
Behavior in the event of scratching²	Standard requirement	≥ 1,5	≥ 1,5	N	EN 14322	EN 14323
Insensitivity to stains		≥ 3	≥ 3	Level	EN 14322	EN 14323
Susceptibility to cracking		≥ 3	≥ 3	Level	EN 14322	EN 14323
Water vapor resistance	Glossy surface and RM	≥ 3	≥ 3	Degree	EN 14322	EN 14323 EN 438-2 / 14
	Other surfaces	≥ 4	≥ 4			
Shock load with a small diameter ball		9	20	N (min.)	keine	EN 438-2 / 20
Resistance to lift-off of the surface		≥ 0,8	≥ 0,8	N/mm ²	EN 14322	EN 311
Behavior towards hot pot bottoms (dry and moist heat)	Glossy surface	≥ 4	≥ 4	Degree	DIN 68930	EN 12721 EN 12722
	Other surfaces	5	5			

Disclaimer

As a result of the constant further development of our products or any changes in the relevant standards and legal requirements, no legal claim can be derived from the information in this product data sheet!

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² Scratch stress depending on the decor and structure