

Mastertac Technical Information

23-06-2025 EN SI

Product	HIGH GLOSS BOARD 170-FSC / EXTRA PERMANENT / KRAFT 90 / SOLID UNPRINTED
Sales Code	FRJ/98-H/39/W0
Product use	Product designed for very high printing quality, high-gloss, mirror-like finish and high rigidity labels. Especially recommended for premium promotional labels, point of sale displays and big size wall decoration labels requiring easy hand application.

Typical technical values

Face	HIGH GLOSS BOARD 170-FSC		
Product	Castcoated, high gloss board.		
Substance	170	g/m ²	ISO 536
Caliper	186	µm	ISO 534
Tensile strength MD	8,5	kN/m	ISO 1924/1
Tensile strength CD	5,2	kN/m	ISO 1924/1
Brightness	88	%	ISO 2470/1
Roughness	0,7	µm	ISO 8791 PPS 10
Opacity	97	%	ISO 2471
Printability	Offset, flexography, letterpress, rotogravure, hot foil.		
Sustainability	The product is sold as FSC Mix Credit under UPM Raflatac's FSC™ certificate SGSCH-COC-004879.		
Additional info sheets	Testing recommended for ink area coverage using high screening pattern.		

Adhesive	98 H		
Type	Strong universal permanent for sheets.		
Composition	Modified acrylic dispersion.		
Use	For applications where very high initial adhesion to rough surfaces is required. Very good resistance to edge-lifting (=flagging). Recommended for curved surfaces and corrugated cardboard. Good heat resistance.		
Tack min	13	N	FTM 9
Shear min	2	h	FTM 8
Limitations	Due to adhesive nature we are recommending to take special attention when guillotining: lower stack height, more frequent knives cleaning, using of silicone spray to keep blades free from adhesive build-up.		

Backing	KRAFT 90
Product	White woodfree kraft backing paper.

Substance	86	g/m ²	ISO 536
Caliper	87	µm	ISO 534
Tensile strength MD	6,5	kN/m	ISO 1924
Tensile strength CD	3	kN/m	ISO 1924

Performance

Total caliper	292 µm
Minimum labelling temperature	5 °C
Service temperature	-10 to 100 °C
Shelf life	From date of manufacture: 24 months, under FINAT defined storage conditions (+20-25°C and RH 40-50%). Prolonged storage at higher temperatures and/or humidity levels will shorten the shelf life.

Information

Product availability Standard range. (Other sizes and/or components available upon request).

STANDARD SHEET SIZE (CM)	50x70 / 100x70
PACKAGING TYPE	Ream wrapped / Bulk

Approvals

Approvals For further compliance information related to food labeling applications, please contact your local sales representative for a Declaration of Conformance (DoC) document.

Approvals Toy labeling: This product complies with the European Standard EN71-3:2013 "Safety of Toys" - Migration of certain elements.

Disclaimer The performance of the product should always be tested in the actual application conditions. Our recommendations are based on our most current knowledge and experience. As our products are used in conditions beyond our control, we cannot assume any liability for damage caused through their use. Users of our products are solely responsible that the product is suitable for its intended application, and have determined such at their sole discretion. Users must comply with any applicable legislation and/or testing requirements for the finished article, and are responsible for bringing their products to market.

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This publication replaces all previous versions. All information is subject to change without notice.

