

UPM Raflatac Technical Information

25-04-2020 EN SI

Product

COATED BOARD 180-FSC / EXTRA PERMANENT / KRAFT SPECIAL 90 / SOLID UNPRINTED

Sales Code

FHP/SP3H/14/WO

Product use

Product designed for labels where very high stiffness is required. Especially recommended for premium promotional labels, point of sale displays and big size wall decoration labels requiring easy hand application.

Typical technical values

Face

COATED BOARD 180-FSC

Product	Coated, wood-free, mid-gloss board		
Substance	180	g/m ²	ISO 536
Caliper	182	µm	ISO 534
Brightness	100	%	ISO 2470
Roughness	1,8	µm	ISO 8791-4
Opacity	98	%	ISO 2471
Gloss	35	%	Hunter 75°
Printability	Offset, gravure, flexo, digi printable with xeikon.		
Sustainability	The product is sold as FSC Mix Credit under UPM Raflatac's FSC™ certificate SGSCHCOC-004879.		

Adhesive

SP3H

Type	Strong universal permanent for sheets.		
Composition	Modified acrylic dispersion.		
Use	Particularly suitable for applications where very high initial adhesion to rough surfaces is required. Very good resistance to edge-lifting (=flagging). Also recommended for use on curved surfaces and corrugated cardboard. Good heat resistance.		
Tack	13	N/25mm	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 SPECIAL 90

Product	White woodfree kraft backing paper.		
Substance	86	g/m ²	ISO 536
Caliper	87	µm	ISO 534
Tensile strength MD	8,7	kN/m	ISO 1924
Tensile strength CD	3,8	kN/m	ISO 1924

Performance

Total caliper	289 µm
Minimum labelling temperature	5 °C
Service temperature	-10 to 80 °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.
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