



FSC Certified Opaques sheet products sustainably sourced

At UPM Raflatac we're re-launching our block-out label faces in new FSC-certified combinations. This latest sustainable advance affects our Vellum Opaque, Raflacoat Opaque and Castgloss Opaque products. The renewed Opaque range meets market demand for environmentally responsible labelling that fulfils the highest quality standards. FSC certification is a positive means of differentiation, adding value to reputable, responsible and premium brands.

Combined with our permanent sheet adhesives, these FSC-certified label faces offer reliable performance for labelling over information on packages and existing labels, and a cost-efficient, more environmentally sound alternative to replacing entire packages.

EAN code	Sales code	Combination	Sheet size
7128993	CLX SP34 14 W3	Vellum Opaque F cert MC SP34 Kraft Special 90	50 x 70
7129013	CLY SP34 14 W1	Raflacoat Opaque F cert MC SP34 Kraft Special 90	50 x 70
7129037	CLY SP34 14 W3	Raflacoat Opaque F cert MC SP34 Kraft Special 90	50 x 70
7128801	CLZ SP34 14 W1	Castgloss Opaque F cert MC SP34 Kraft Special 90	50 x 70
7128818	CLZ SP34 14 W3	Castgloss Opaque F cert MC SP34 Kraft Special 90	50 x 70

Products named as F cert MC are registered to SGS-COC-004879 FSC ® mixed credit.



FSC (the Forest Stewardship Council) is an international non-governmental organisation founded in 1993, whose task is to support environmentally appropriate, socially beneficial, and economically viable management of the world's forests. Forests certified against FSC standards are located in more than 60 countries. The Council has defined ten general principles of forest management. The actual certification standards are drawn up in accordance with the FSC principles in a national cooperation process. Fulfilling the FSC standard requires independent third-party verification. More information: www.fsc.org.

UPM RAFLATAC TECHNICAL INFORMATION

30.03.2012 ENG 848

SELF-ADHESIVE	SHEETS
FACE	VELLUM OPAQUE F cert MC
Gloss Coated	CLX (sales code)
Product	Surface sized, woodfree SC paper, with grey reverse side to increase the opacity.
Use	Special label paper for product and information labelling, especially to cover the printed text or colour.

Typical technical values

Substance	74	g/m ²	ISO 536	
Caliper	76	µm	ISO 534	
Tensile strength MD	5.6	kN/m	ISO 1924/1	
Tensile strength CD	3.4	kN/m	ISO 1924/1	
Brightness	83	%	ISO 2470/1	
Roughness	2.5	microns	ISO 8791	PPS 10
Opacity	98	%	ISO 2471	

Printability Flexography, offset, letterpress. Dot-matrix, thermal transfer.

Approvals Products named as F cert MC are registered to SGS-COC-004879 FSC® mixed credit.

Warranty 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.

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



UPM RAFLATAC TECHNICAL INFORMATION

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SELF-ADHESIVE	SHEETS
FACE	RAFLACOAT OPAQUE F cert MC
Gloss Coated	CLY (sales code)
Product	On machine coated woodfree SC paper, with grey reverse side to increase the opacity.
Use	A multipurpose label paper; white gloss finish, gives accurate graphic results. Gloss can easily be increased by using UV-varnish.

Typical technical values

Substance	82	g/m ²	ISO 536	
Caliper	70	µm	ISO 534	
Tensile strength MD	5.8	kN/m	ISO 1924/1	
Tensile strength CD	2.8	kN/m	ISO 1924/1	
Brightness	75	%	ISO 2470/1	
Roughness	1.0	microns	ISO 8791	PPS 10
Gloss	64	%	Hunter 75°	
Opacity	99	%	ISO 2471	
Stiffness MD	0.23	mNm	ISO/DP 2493	
Stiffness CD	0.13	mNm	ISO/DP 2493	

Printability	Flexography, letterpress, screen, offset, thermal transfer.
Approvals	Products named as F cert MC are registered to SGS-COC-004879 FSC® mixed credit.

Warranty	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.
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UPM RAFLATAC TECHNICAL INFORMATION

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SELF-ADHESIVE	SHEETS		
FACE	CASTGLOSS OPAQUE F cert MC		
Gloss Coated	CLZ (sales code)		
Product	Cast-coated, wood-free paper with grey reverse side to increase the opacity.		
Use	For high quality multicolour glossy product labels.		
Typical technical values			
Substance	82	g/m ²	ISO 536
Caliper	80	µm	ISO 534
Tensile strength MD	5.0	kN/m	ISO 1924/1
Tensile strength CD	2.9	kN/m	ISO 1924/1
Brightness	80	%	ISO 2470/1
Roughness	0,7	microns	ISO 8791 PPS 10
Gloss	89	%	Hunter 75°
Opacity	98	%	ISO 2471
Stiffness MD	0.42	mNm	ISO/DP 2493
Stiffness CD	0.25	mNm	ISO/DP 2493

Printability Flexography, letterpress, rotogravure, offset, screen and hot foil.

Approvals Products named as F cert MC are registered to SGS-COC-004879 FSC® mixed credit.

Warranty 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.

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