



High gloss
GD705TC

* Color may vary slightly from the actual product.



Headquarters LG Hausys.Ltd

One IFC 10 Gookjegeumyoong-Ro, Yeongdeungpo-Gu, Seoul 150-876, Korea E-mail : lginfo@lghausys.com

Sales Subsidiary

U.S.A (Atlanta)

LG Hausys Ameria, Inc.
900 Circle 75 Parkway, Suite1500,
Atlanta, GA 30339
TEL : 1-678-486-8244

CHINA (Shanghai)

LG Hausys Trading Co., Ltd. 19F Magnolia
Plaza No.777 Hongqiao Road, Xuhui
District, Shanghai, China 200030
TEL : 86-21-5241-6600

EUROPE (Frankfurt)

LG Hausys Europe GmbH Lyoner str 15,
Atricom C8,
D-60528 Frankfurt/m, Germany
TEL : 0049-69-583029-0

RUSSIA (Moscow)

LG Hausys Rus, LLC.
Lesnaya Plaza 8th floor, 4, 4th Lesnoy
pereulok, Moscow, 125047, Russia
TEL : 7-495-663-39-58

INDIA (Gurgaon)

LG Hausys India Pvt. Ltd. Delta Tower, 6th
Floor, Plot No. 54, Sector 44 Gurgaon -
122001, Haryana, India
TEL : 91-124-4212590

CANADA (Toronto)

LG Hausys Canada, Inc. 423 Four Valley
Dr,Concord, ON L4K 5Z3, Canada
TEL : 1-905-660-4746

Production Subsidiary

U.S.A (Adairville)

LG Hausys America, Inc. 310 LG Drive,
Adairville, GA 30103
TEL : 1-706-879-3200

CHINA (Tianjin)

LG Hausys Tianjin Co., Ltd. 12, Quanfa
Road, Wuqing DEV Area, TianJin Hitech
Industry Zone, TianJin, China
TEL : 86-22-8212-5558

CHINA (Wuxi)

LG Hausys (Wuxi) Co., Ltd. NO.2 Hong
Xiang Road,
Wuxi New District, Jiangsu P.R. China
214145
TEL : 86-510-6668-6888

Overseas Branch

TURKEY (Istanbul)

Kempinski Residences Astoria Bü y kdere
Cad. No:127
A Kule Kat:7 PK.
34394 Esentepe i li / STANBÜL, Turkey
TEL : 90-212-285-1101

U.A.E (Dubai)

LG Hausys, Ltd. Dubai Office Dubai
Internet City Buiilding @3, Dubai, United
Arab Emirates
TEL : 971-4-553-1452

VIETNAM (Ho Chi Minh)

LG Hausys, Ltd.
L9-04,9 Flr,Vincom Center Dong Khoi,72
Le Thanh Ton Str,
Buen Nghe Wrđ, Dist 1,HCMC
TEL : 84-28-3915-8909/10

INDONESIA (Jakarta)

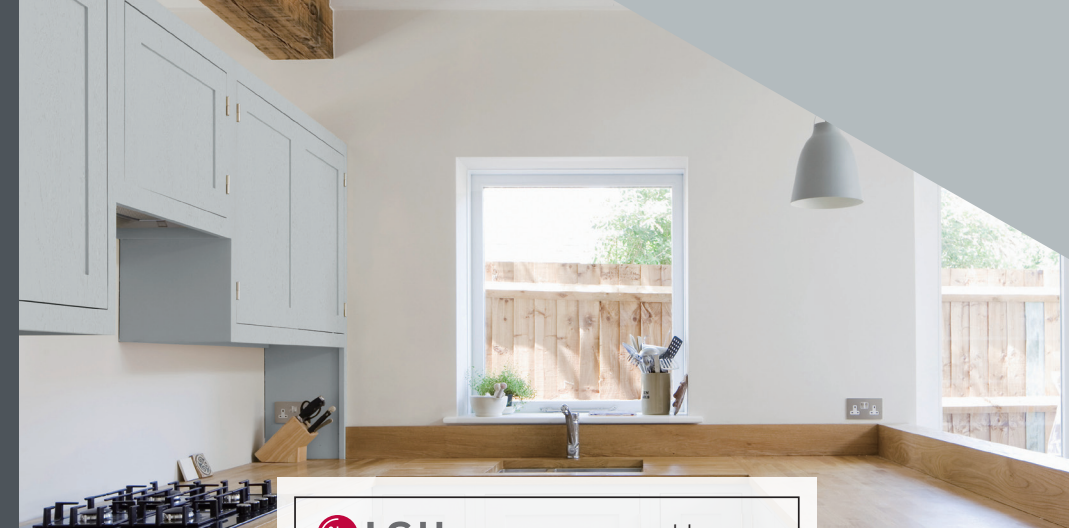
LG Hausys, Ltd. Jakarta Office Tower One
at The City Center (TCC) Büatavia 18th
Floor, Unit 2Bü KH. Mas. Mansyur Kav.
126 Kel. Karet Tengsin, Kec. Tanah Abang
Jakarta Pusat-10220
TEL : 62-21-2967-5043

JAPAN (Tokyo)

LG Hausys, Ltd. Tokyo Office Kyobashi
Trust-Tower 14F,
2-1-3 Kyobashi, Chuo-ku, Tokyo, 104-
0031, Japan
TEL : 81-3-5299-4533

Find out more information,
Please visit at

www.lghausys.com



DECO FOIL

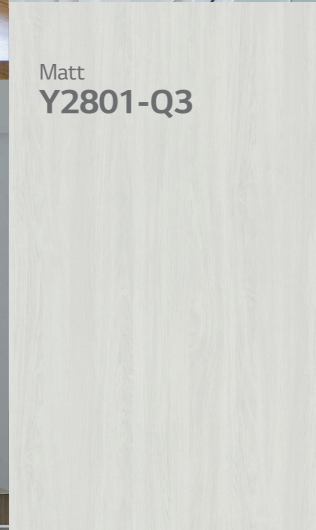
Interior Material



Abstract
S4306



Super matt
KADM4-SC



Matt
Y2801-Q3



Metal
WAQ98-TL

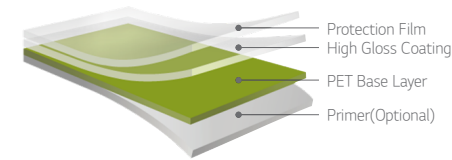


Solid
KADR4-B9

FLAT LAMINATION

LG Hausys PETG Deco Foil is ideal solution for flat lamination and post-forming for the surface materials of furniture where durability, versatility and long-lasting beauty are a must. To meet growing customer demand, we provide wide selection of colors and designs in High gloss and Super matt finish and various Metallic patterns.

Structure



Applications

- Designed for Flat lamination or Wrapping profiles
- Lamination of cabinet surface
- Molding and Frames
- Ceiling and wall panels

Features



Excellent glossy & Super matt surface

Extreme mark resistance and abrasion resistance
Low orange peel and flow mark



UV Resistance

Performing best UV resistance by adding additives, reflecting the light



Scratch Resistance

With newly developed coating system, scratch resistance has been improved



Eco Friendly

Polyester based material
No plasticizer

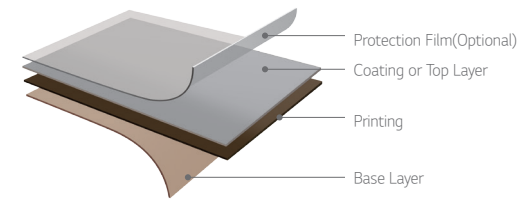
Technical Data

Index	Test Method	Unit	Specification		Tolerances
			High gloss	Super Matt	
Thickness	EN ISO 11833-2	mm	0.25, 0.3 (10, 12mil)		± 0.02
Gloss	60° Gloss meter	-	> 90	< 5	-
Tensile Strength	DIN EN ISO 527-1	kgf/cm ²	L: ≥ 400, W: ≥ 350		-
Tear Strength	DIN EN ISO 527-1	kgf/cm ²	L: ≥ 100, W: ≥ 100		-
Scratch Resistance	PENCIL Test (200g)	-	H	2H	-
	DIN 68861-4	Class	4F	4E	-
UV Resistance	ISO 4892-2	Grey Scale	4/5	4/5	-
		Blue wool Scale	≥6	≥6	-
Chemical Resistance	DIN 68861-1	Class	1B	1B	-
Abrasion Resistance	DIN 68861-2	Class	2A	2A	-

THERMOFORMING

LG Hausys Deco foil, a decorative film for MDF lamination can be applied with a membrane press or vacuum forming providing wide range of patterns and colors in high gloss and various embossed finishes.

Structure



Applications

- Designed for Thermoforming
- Furniture component
- Kitchen cabinet doors
- Wardrobes, Office, Store fixtures

Features



Excellent Formability

Ideal for Thermoforming



Extensive Designs

Wide range of patterns and colors
High gloss and Matt finishes



Various Surface Finishes

A variety of embossed finishes from smooth to deep embossing



Durability

Excellent abrasion and impact resistance
Resistance to moisture and scratch
Resistant to almost all household chemicals

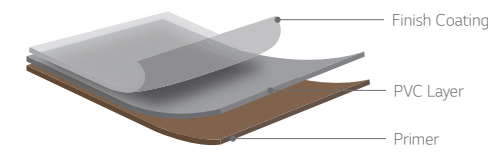
Technical Data

Index	Test Method	Unit	Specification		Tolerances
			High gloss	Matt	
Thickness	EN ISO 11833-2	mm	0.4, 0.5, 0.55, 0.7 (16, 20, 22, 28mil)	0.3-0.4 (12-16mil)	± 0.02
Gloss	60° Gloss meter	-	> 80	3 - 8	-
Tensile Strength	DIN EN ISO 527-1	kgf/cm ²	L: ≥ 400, W: ≥ 350	L: ≥ 330, W: ≥ 300	-
Tear Strength	DIN EN ISO 527-1	kgf/cm ²	L: ≥ 100, W: ≥ 100	L: ≥ 80, W: ≥ 80	-
Scratch Resistance	PENCIL Test (200g)	-	F	> H	-
Chemical Resistance	DIN 68861-1	Class	1B	1B	-

SOLID MATT

LG Hausys Solid matt Deco Foil is ideal for thermoforming applications providing various colors and different textures.

Structure



Film Thickness	0.3mm(12mil)
Width	1,450mm(57")

Applications

- Furniture
- Door and Drawer Fronts
- Flat Laminated Panels
- Store Fixtures
- Cabinetry
- Checkout Counters
- Moldings
- Logo/Trademark Panels
- Work Surfaces
- Kiosks
- Pedestals and Stands
- Wainscot

Features

- Excellent 3D Forming Processability



No Gloss Change



Good Dimensional Stability



High Hiding Power (Opacity)



Color Fastness



Scratch Resistance



Stain Resistance

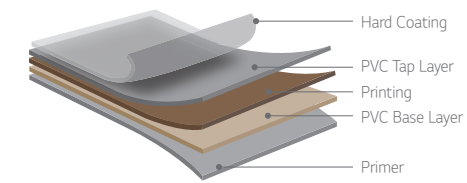
Technical Data

Characteristic	Test Method	Unit	Solid Matt	Note.
Thickness	-	mm	0.30 ± 0.01	-
Gloss	60° Gloss meter	-	3.0-5.0	-
Tensile Strength	ISO 527-3	kgf/cm ²	L : > 330, W : > 300	-
Tear Strength	ISO 527-3	kgf/cm ²	> 80 (L, W)	-
Light Fastness	ISO 4892-3	-	No Change	@ 30hr
Scratch Resistance	Pencil Hardness	-	1H	-
Chemical Resistance	DIN 68861-1	Class	1B	Grade 1A-1D
Abrasion Resistance	CS-10 Tester	-	No Change	1kg Loading, 1,000 Cycle

DURAFOIL

Scratch resistant PVC film for 3D laminates

Structure



Film Thickness	0.35mm(14mil)
Width	1,450mm(57")

Applications

- Store fixtures
- Cabinetry
- Checkout counters
- Door and drawer fronts
- Moldings
- Logo/Trademark panels
- Work surfaces
- Furniture
- Kiosks
- Pedestals and stands
- Wainscot
- Flat laminated panels



Features



3D Laminates Solution

DURAFOIL eliminates the need for T-molding, edge-banding, visible seams and special edge treatments



Scratch Resistance

Superior resistance to scratch, abrasion and impact



Stain Resistance

Easy to clean with soap & water
Strong resistance to chemical

Technical Data

Characteristic	Test Method	Unit	DURAFOIL	Note.
Thickness	-	mm	0.35	-
Tensile Strength	ISO 527-3	kgf/cm ²	L : 400 W : 400	-
Tear Strength	ISO 527-3	kgf/cm ²	L : 80 W : 80	-
Elongation	ISO 527-3	%	More than 250%	at 90°C
Scratch Resistance	DIN 68861-4, 1981-12	Grade 4A - 4F	Class 4E	0.5 - 1.0 N
Chemical Resistance	DIN 68861-1	Grade 1A-1D	Class 1B	-
Abrasion Resistance	CS-10, 1kg, 1800 cycle	-	No Change	-

The information provided on this sheet represents typical properties and does not constitute a specification. No liability will be accepted for errors and omissions and in no circumstances shall LG Hausys Ltd be liable for any loss or injury arising directly or as a consequence of the publication of this data sheet. All LG Hausys vinyl sold subject to our conditions of sale. LG Hausys also retains the right to change sizes and specifications of products without prior notice