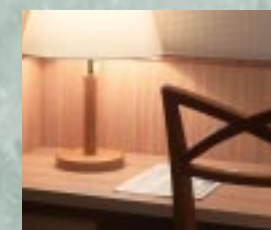


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*traditional surface*  
**DECO SHEET**



*Innovation · Diversification · Humanization .....*

## BRIEF INTRODUCTION OF PVC SHEETING FOR DECORATION

owing to the human being carries its instinctive tendency to pursue the nature. There is without exception that it seeks same desire for the requirement of decoration and building material. The most precious resources on the earth covering forest and mineral are being continued to fell and excavate resulting in the occurrence of global green house effect, landslide and mud flood more and more frequently. It seems that the earth seeks the opportunity to retaliate on its destroyer. On this account, we deeply realize that the responsibility is too important to ignore and what we should do to the society is to protect the limited resources on the earth. Thus, taking the humanization under consideration, we have successfully developed a series of PVC sheeting in imitation of wood pattern and stone pattern as replacement. Due to we have a strong teamwork at design center that holds together with research & development division which is comprised by marketing/sales and production plant by means of expertise and experience accumulated for some years, precise production facilities and strict quality control system so as to develop a variety of topnotch decorative building materials applicable for upholstery, partition, floor, electric appliances and siding. It has been widely used and gained an affirmative reputation in the industry.

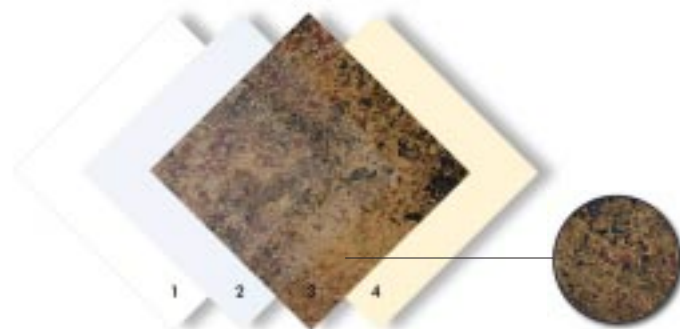
### THE FEATURES OF PRODUCT, SERVICE AND COMMITMENT:

- (1) The product carries humanization design, seizes the fashion tendency and meets the requirements in the marketplace.
- (2) The product carries high imitation. After special treatment, it possesses wood, stone and fabric looking in appearance.
- (3) We can do a special design pursuant to the requirements of durability, economy and processing method which cover cold lamination, hot lamination, edge banding, profile wrapping / v-cutting and membrane forming (form pressing etc.). It is suitable for many applications and meet the requirement of environment.
- (4) In addition to the available specifications and patterns, we can also specially show our cooperation to develop new patterns pursuant to the different use and processing environment required by our customer and to proceed with special top coating treatments such as stain resistance, antistatic, flexibility resistance, anti-bacteria, weather ability resistance, low-toxic, non-PVC material and wood fragrance. Please contact our R&D department for further information you may have.
- (5) Unique is always looking to cooperate with its loyal or potential customer and fully commits:
  - To continue pursuing the quality elevation.
  - To continue researching and developing toward the multi-functional quality.
  - To provide topnotch quality and technic support service.



## FOR METAL SHEET LAMINATION

CODE	SPECIFICATION					TREATMENT	USE	SELECTION OF SUBSTRATE	FEATURES			
	Top Layer	Base Layer	Print Pattern	Emboss Gloss	Emboss Mat							
<b>RDLBP</b>	PET	PVC	YES	YES	YES	NO	1.Refrigerator. 2.Washing machine. 3.Water cooled air conditioner. 4.Sterilized cupboard. 5.Rice cooker. 6.Water dispenser. 7.Bathroom partition. 8.Steel door. 9.Steel shutter. 10.Cabinet door. 11.Trim board. 12.Decorative strip.	1.Cold rolled steel sheet. 2.Electro galvanized steel sheet. 3.Aluminum alloy steel sheet. 4.Plastics to aluminum sheet. 5.Stainless steel sheet.	1.High gloss. 2.Good in abrasion. 3.Good in stain resistance. 4.Good in acid and alkali resistances. 5.Good in heat resistance. 6.Applicable for flexibility processing.			
<b>RDLLP</b>	PET	PVC	NO	YES	YES	NO						
<b>RDLLM</b>	MAT PVC	PVC	NO	NO	YES	NO						
<b>RDLLB</b>	PVC	PVC	NO	YES	YES	NO						
<b>RDLEX</b>	NO	PVC	NO	YES	YES	NO						
										1.Partition, Ceiling board. 2.Steel door. 3.Video case. 5.Freezing store room. 6.Siding, Steel shutter. 7.Steel roofing.	1.Cold rolled steel sheet. 2.Electro galvanized steel sheet. 3.Aluminum alloy steel sheet. 4.Hot dip galvanized steel sheet.	1.High retention of matte finish and emboss grain after lamination using high temperature. 2.Good in acid, alkali, sea water and chemical products resistance. 3.Special additives requirement for u/v, bacteria, anti-static and fire resistance are acceptable. 4.Applicable for flexibility processing.

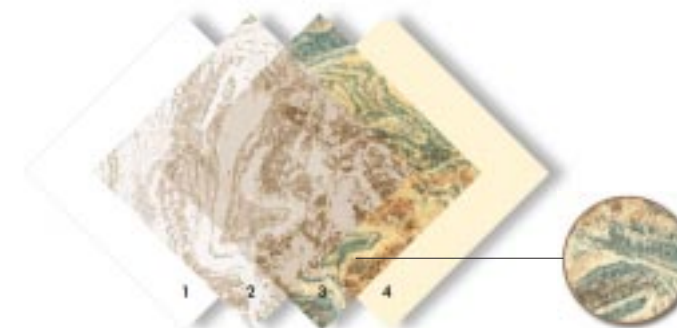


### RDLBP

Special features:

- 1.High gloss PET film with good transparency and excellent scratch resistance as top face.
- 2.Adhesive used in between PET film and PVC sheeting.
- 3.Weatherability printing ink with extensive print library.
- 4.Special formulation designed for lamination with steel sheet.

CODE	SPECIFICATION					TREATMENT	USE	SELECTION OF SUBSTRATE	FEATURES
	Top Layer	Base Layer	Print Pattern	Emboss Gloss	Emboss Mat				
<b>RDLYM</b>	MAT PVC	PVC	YES	NO	YES	NO	1.Partition, Ceiling board. 2.Furniture, Steel door. 3.Vehicle, Refrigerator. 4.Siding.	1.Electro galvanized steel sheet. 2.Aluminum alloy steel sheet. 3.Hot dip galvanized steel sheet. 4.Stainless steel sheet.	1.It meets JIS K6744 specification after lamination. 2.It can meet CNS 6532 class II, if flammability resistance is required. 3.Special requirements for anti-static, weather ability resistance and stain resistance are acceptable.
<b>RDLYB</b>	PVC	PVC	YES	YES	YES	NO			
<b>RDLYT</b>	TOP CLEAR PVC	PVC	YES	YES	NO	NO			
<b>RDBPP</b>	PET	NO	YES	NO	NO	NO	1.Partition, Ceiling board. 2.Vehicles partition. 3.Billboard siding.	1.Electro galvanized steel sheet. 2.Aluminum alloy steel sheet. 3.Stainless steel sheet.	1.Special requirements for weather ability resistance and stain resistance are acceptable. 2.Good in abrasion, acid and alkali resistances, heat resistance. 3.High gloss and matte finish are available.



### RDLYM/ RDLYB/ RDLYT

Special features:

- 1.Variety of embossing patterns and glosses.
- 2.Special formulation of clear overlay PVC film for steel lamination.
- 3.Weatherability printing ink layer with extensive print library.
- 4.Special formulation designed film for lamination with steel sheet.

PRODUCTS THAT HAVE WHAT IT TAKES



## FOR LAMINATION WITH MATERIALS OTHER THAN STEEL SHEETING

CODE	SPECIFICATION					TREATMENT	USE	SELECTION OF SUBSTRATE	FEATURES (processing and adhesive)
	Top Layer	Base Layer	Print Pattern	Emboss Gloss	Emboss Mat				
RDBPX		PVC	NATURAL OR STONE	YES	YES	NO	1.Floor tile. 2.Trim board, Decorative strip, Self- adhesive. 3.Furniture, Cabinet interior board.	1.Wood stuff board. 2.Fire resistance board. 3.Plastics trim board. 4.Aluminum alloy steel.	1.Cold lamination 2.Hot lamination. EVA emulsion. 3.Solvent type rubber or acrylic series.
RDBPW		PVC	WOOD	YES	YES	NO			
RDBAX		PVC	WOOD OR STONE	YES	YES	NO			
RDBAW		PVC	WOOD	YES	YES	NO			
RDAPM	MAT PVC		WOOD OR STONE	YES	YES	NO	1.Floor tile. 2.Trim board, Decorative strip, Self- adhesive. 3.Furniture, Interior board of cabinet.	1.Wood stuff board. 2.Fire resistance board. 3.Plastics trim board.	1.Cold lamination. 2.Hot lamination. Profile wrapping / V-cutting. 3.EVA emulsion. 4.Solvent type rubber or acrylic series.
RDEPM	PVC		WOOD OR STONE	YES	YES	YES			
RDMPX		PVC	NATURAL OR STONE	YES	YES	NO			
RDMPW		PVC	WOOD	YES	YES	NO	1.Furniture, Partition. Self- adhesive.	1.Wood stuff board. 2.Plastics stuff plank. 3.Fire resistance plank.	1.Cold lamination. 2.Hot lamination. 3.Profile wrapping/ V- cutting. 4.Solvent type rubber acrylic series. 5.PU series.
RDBYM	MAT PVC	PVC	YES	NO	YES	NO			
RDBYB	PVC	PVC	YES	YES	YES	NO			
RDBBX	TOP CLEAR PVC	PVC	YES	YES	NO	NO			
RDBYQ	PVC	PVC	YES	YES	YES	FRAGRANCE	1.Furniture, Partition. Self- adhesive.	1.Wood stuff board. 2.Plastics stuff plank. 3.Fire resistance plank.	1.Cold lamination. 2.Hot lamination. 3.Profile wrapping/ V- cutting. 4.Solvent type rubber acrylic series. 5. PU series.
RDBYE	MAT PVC	PVC	YES	NO	YES	FRAGRANCE			

### RDBYM/ RDBYB/ RDBBX

Special features:

- 1.Variety of embossing patterns and glosses.
- 2.Special formulation of clear overlay PVC film for lamination with board.
- 3.Weatherability printing ink with extensive print library.
- 4.Special formulation designed for lamination with board.

CODE	SPECIFICATION					TREATMENT	USE	SELECTION OF SUBSTRATE	FEATURES (processing and adhesive)
	Top Layer	Base Layer	Print Pattern	Emboss Gloss	Emboss Mat				
RDBYA	MAT PVC	PVC	YES	NO	YES	PRIMER	1.Furniture, Partition, Self- adhesive. 2.Trim board, Decorative strip.	1.Medium density fiber (MDF) board. 2.Lumber core plywood	1.Edge banding. 2.Membrane foaming (form pressing) 3.PU series. 4.Hot melting.
RDBYS	PVC	PVC	YES	YES	YES	PRIMER			
RDBYT	TOP CLEAR PVC	PVC	YES	YES	NO	PRIMER			
RDBLA	MAT PVC	PVC	NO	NO	YES	PRIMER	1.Furniture, Partition, Self- adhesive. 2.Trim board, Decorative strip.	1.Medium density fiber (MDF) board. 2.Lumber core plywood	1.Edge banding. 2.Membrane foaming (form pressing) 3.PU series. 4.Hot melting.
RDBLS	PVC	PVC	NO	YES	YES	PRIMER			
RDBLT	TOP CLEAR PVC	PVC	NO	YES	NO	PRIMER			
RDJLX	PVC	PVC	NO	YES	YES	NO	1.Speaker case. 2.Trim board, Decorative strip. 3.Furniture.	1.Lumber core plywood. 2.Particle board. 3.Plywood. 4.Medium density fiber (MDF) board.	1.Cold lamination. 2.Profile wrapping / V-cutting. 3.EVA emulsion. 4.Solvent type rubber or acrylic series. 5.PU series.
RDJLM	MAT	PVC	NO	NO	YES	NO			
RDJEX		PVC	NO	YES	YES	NO			
RDKPX		TPO	NO	YES	YES	YES	1.Audio & video products. 2.Furniture. 3.Trim board, Decorative strip	1.Wood stuff board	1.Cold lamination. 2.Hot lamination. 3.Profile wrapping / V- cutting. 4.EVA emulsion. 5.Solvent type rubber or acrylic series. 6.PU series.
RDKPL		TPO	NO	YES	YES	YES			

### RDBYA/ RDBYS/ RDBYT

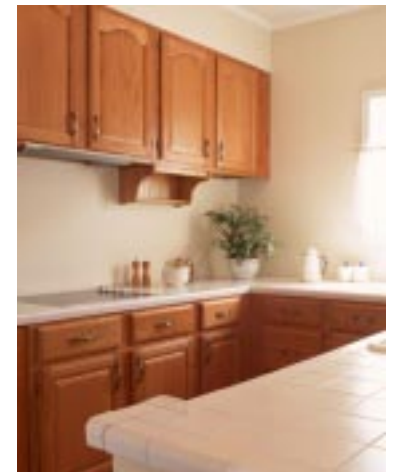
Special features:

- 1.Variety of embossing patterns and glosses.
- 2.Special formulation of clear overlay PVC film for complex profile.
- 3.Weatherability printing ink with extensive print library.
- 4.Special formulation of base film for complex profile.
- 5.Smoothly primer treated on back side.

PRODUCTS THAT HAVE WHAT IT TAKES



Speaker case RDBYA



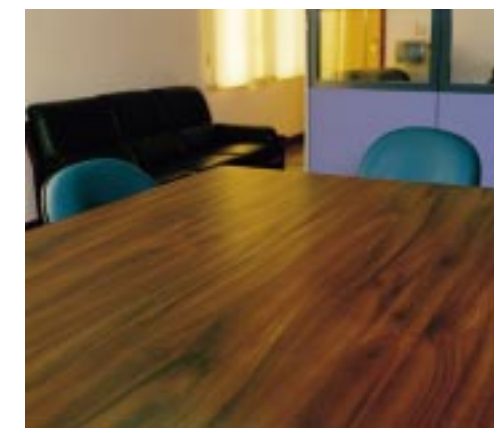
Door board of cabinet RDBYA



Wall board RDBYM



Furniture RDBYM



Furniture RDBYM



Floor tile RDBPX

## FOR LAMINATION WITH MATERIALS OTHER THAN STEEL SHEETING

CODE	SPECIFICATION					TREATMENT	USE	SELECTION OF SUBSTRATE	FEATURES (processing and adhesive)
	Top Layer	Base Layer	Print Pattern	Emboss Gloss	Emboss Mat				
<b>RDBPP</b>	PET	NO	YES	NO	NO	NO	1.Window decoration. 2.Decorative strip.	1.Glass. 2.Particle board.	1.Cold lamination. 2.Hot lamination. 3.Solvent type rubber or acrylic series. 4.PU series.
<b>RDGAX</b>		PVC	YES	NO	YES	YES	1.Partition, Ceiling board.	1.Fire resistance board.	1.Cold lamination.
<b>RDGEX</b>		PVC	NON	NO	YES	YES	2.Furniture. 3.Self- adhesive.	2.Plywood. 3.Fiberglass.	2.Profile wrapping / V-cutting. 3.EVA emulsion. 4.Solvent type rubber or acrylic series.
<b>RDZAX</b>		PVC	YES	NO	YES	YES	1.Partition board. 2.Ceiling board.	1.Flame resistance board.	1.Cold lamination. 2.Profile wrapping / V-cutting. 3.EVA emulsion.
<b>RDZYU</b>		PVC	YES	NO	YES	YES	1.Wall covering 2.Partition board. 3.Ceiling board. 4.Furniture (drawers)	1.Fire resistance board. 2.Wood stuff board. 3.Surface of cement wall.	1.Cold lamination. 2.Profile wrapping / V-cutting. 3.EVA emulsion.



### PRODUCTS THAT HAVE WHAT IT TAKES

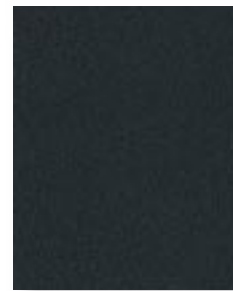


Window decoration RDBPP

Wall covering RDZYU

# STONEGRAIN GROUP

Explanation: 1.BMK, CY2, ....., QNF represents the print pattern code.  
 2.Conch, Little snow, .... stands the name of the print pattern.  
 3.All patterns are available for all product codes showing in this book.



BMK Conch



BMM Little snow



BMY Stanstead



BQ8 Macadam



BQZ Velgro



QD7 Granite



QD8 Rosso verona



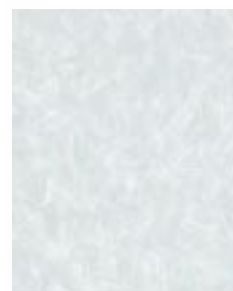
QE4 Abudapo



QE8 Phoenix



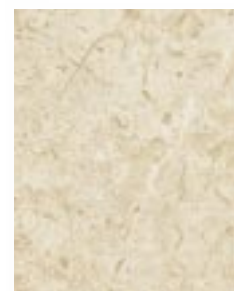
QFE Sky bird



BRT Brushing



BTW Brick



C2Y Murora



C3Y Star galaxy



C5C Serpeggiante



QFG Leopard



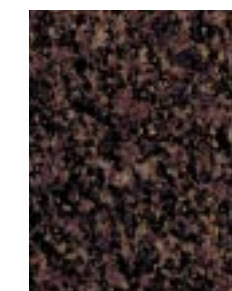
QFM Arizona



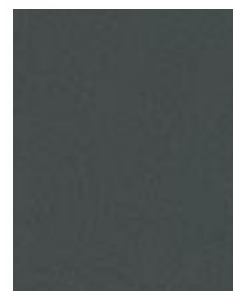
QFR Volakas



QGW Perlato svevo



QGY Verde bahia



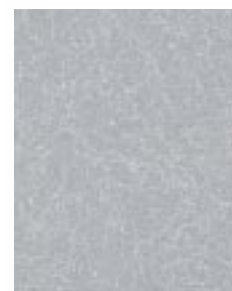
CQW Frost



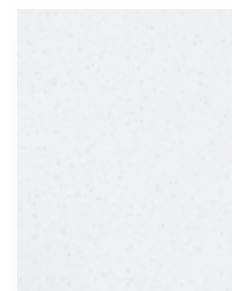
CUA Textile



CXB Macadam



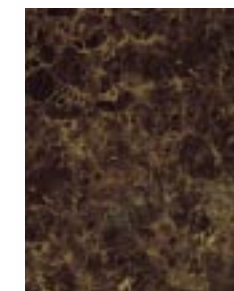
CXC Naturan



CXD Chapped stone



QHQ Ruby star



QKW Golden dragon



QNF Green onyx



CXE False stone



D20 Oklim onyx



DW0 Black sepeggiante



DY0 Verde sanfrancisc



JC0 Pearlino bianco



KK5 Jade marmok



NNM Rose red



QBD Blue pearl



QD4 Norweiglian rose



QD6 Velgro



# WOODGRAIN GROUP

Explanation: 1.C02, C03, ....., JY0 represents the print pattern code.  
 2.Walnut, Pear, .... stands the name of the print pattern.  
 3.All patterns are available for all product codes showing in this book.



# WINDOW DECORATION GROUP

Explanation: Each group of F6A, F6G, F7B, F7F, FWS and FXD represents a complete print pattern unit.



F6A



F6A



F6A



F6G



F6G



F6G



F7B



F7B



F7F



F7F



FWS



FXD



FXD



FXD



FXD

## SPECIFICATIONS

PRODUCT CODE	THICKNESS (M/M)	WIDTH (INCH)	SOFTNESS (PHR)
RDLBP	0.13 - 0.30	37 1/2 - 49 3/4	24
RDLLP			
RDLLM			
RDLEX	0.13 - 0.30	37 1/2 - 49 3/4	28 - 34
RDLYM			
RDLYB			
RDLYT	0.16 - 0.25	37 1/2 - 49 3/4	28 - 34
RDBPP			
RDBPX			
RDBPW	0.025 - 0.10	37 1/2 - 49.6	8 - 24
RDBAX			
RDBAW			
RDAPM (Remark1)	0.08 - 0.15	37 1/2 - 49 3/4	8 - 24
RDEPM (Remark1)			
RDMPX			
RDMPW	0.08 - 0.15	37 1/2 - 49 3/4	8 - 24
RDBYM			
RDBYB			
RDBBY	0.14 - 0.23	37 1/2 - 54	8 - 26
RDBBX			
RDBYQ			
RDBYE	0.14 - 0.23	37 1/2 - 54	8 - 26
RDBYA (Remark2)			
RDBYS (Remark2)			
RDBYT (Remark2)	0.30-0.50	37 1/2-57	6-10
RDBLA (Remark2)			
RDBLS (Remark2)			
RDBLT (Remark2)	0.30-0.50	37 1/2-57	6-10
RDJLX			
RDJLM			
RDJEX	0.15 - 0.20	37 1/2 - 49 3/4	16 - 24
RDKPX (Remark3)			
RDKPL (Remark3)			
RDBPP	0.09-0.15	37 1/2-52 1/4	-
RDGAX			
RDGEX			
RDZAX (Remark4)	0.025-0.10	37 1/2-51	-
RDZAX (Remark4)			
RDZYU (Remark5)			
RDZYU (Remark5)	0.08 - 0.10	37 1/2 - 49 3/4	18 - 24
RDZAX (Remark4)			
RDZYU (Remark5)			
RDZYU (Remark5)	0.10 - 0.16	37 1/2 - 51	22 - 30
RDZAX (Remark4)			
RDZYU (Remark5)			
RDZYU (Remark5)	0.30 - 0.454	48	28 - 36
RDZAX (Remark4)			
RDZYU (Remark5)			

### REMARK:

- Due to the overall coverage of reverse print shows not as good as expected, so the color of adhesive should be adjusted prior to lamination to prevent color penetration of base material.
- As the back side PVC sheeting has primer coated, it retains high matte finish and regular emboss grain after using membrane foaming under 145°C.
- As the back side of TPO sheeting has primer coated, the lamination process is the same as the way of PVC sheeting. (The requirements for light resistance and any emboss patterns are available.)
- It meets CNS 11491 (test method CNS10760) passing flammability specification.
  - After it is laminated with board carrying CNS 6532 Class I fire resistance, the finished product can meet CNS 6532 Class II fire resistance and CNS 7614 flammability specification/ requirements.
  - The product classification is 3918.10.90.90.5-A with licence NO.71045002 approved and registered by BUREAU OF STANDARDS, METROLOGY AND INSPECTION (BSMI) MINISTRY OF ECONOMIC AFFAIRS.
- In addition to pass the ASTM E-84 specification, it can meet also the following standards:
  - CNS 7614 A3125-1994 flame resistance grade 1 stipulated in "Flame resistance test method for veneer material".
  - CNS 11491 A2188-1999 (test method CNS 10760) "Flame resistance test method for veneer material".
  - Japanese decorative wall covering material association.
  - Flame resistance standard grade 5 stipulated in Japanese wall covering material association in terms of vinyl fabric wall covering is overlaid with base board which carries flame resistance grade 1 or 2.
  - ASTM D4433-84.
  - JIS D1201-1997 grade 2 (Oxygen index=28.0).
  - The product classification is 3918.10.90.90.5-A with licence NO.71045002 approved and registered by BUREAU OF STANDARDS, METROLOGY AND INSPECTION (BSMI) MINISTRY OF ECONOMIC AFFAIRS.
  - The product classification is 4814.90.10.00.7-A with licence NO.71045001 approved and registered by BUREAU OF STANDARDS, METROLOGY AND INSPECTION (BSMI) MINISTRY OF ECONOMIC AFFAIRS.