



**BODAQ**  
HANWHA INTERIOR FILM





# BODAQ

## PRODUCT CATEGORIES

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### WOOD



#### XP | Premium Wood

Realistic reproduction of rich wood colors and textures creating the most natural space.

#### PZ / BZ / Z | Rich Wood

Deep emboss textures with rich natural wood pattern express an exceptional feel

#### W | Standard Wood

Natural Wood of various species easily transforms any interior feature.

#### DW | Designer Wood

Unique, designer wood Patterns expressed with artistic sense

### ABSTRACT



#### NS / NSP | Natural

Natural stone patterns recreated from its unique, raw look transform any given area.

#### AP | Abstract

Colorful pearl-ize effect abstract patterns differentiate any given spot

#### APZ | Premium Metal

Shiny Metallic designs produce depth and realism adding a sense of expanse

#### HD | Polished Marble

Marble patterns with smooth, high-gloss surface finish remains in classic fashion

### PREMIUM



#### AR / ARZ | Leather

Luxurious leather with unique embossing detail gives a distinct 3D effect.

#### JSP / JS / JAS | Premium/Paper/Fabric

Soft paper textures and warm fabric surface treatments produce eco-friendly luxury

#### JSB Mineral Stone

Mild texture of stone to film exhibit special mineral finishes and render a three-dimensional feel.

### BASIC



#### S / LS / HS | Monochrome Solid/ Monochrome Emboss/ Monochrome High Gloss

Solid colors in various surface finishes enrich any given space.

#### CP

Pearl glitter effect finish differentiates and transforms simple to brilliant surfaces.

#### DM / LM

Sophisticated metal patterns with embossed textures deliver urban beauty.

**THINK ENVIRONMENT.**

Hanwha "Bodaq" is an Environment-Friendly Interior Film creating healthy living spaces.



**SUSTAINABILITY**

- No harmful heavy metals such as lead, cadmium, mercury, chromium, etc.
- Formaldehyde-Free
- Low TVOC Emission
- KC Mark for Voluntary Safety Standards Initiative

Heavy Metal: Pb, Cd, Hg, CrVI

Formaldehyde: HCHO

Pb: 5mg/kg	Not detected
Cd: 0.5mg/kg	Not detected
Hg: 2mg/kg	Not detected
CrVI: 1mg/kg	Not detected

0.12mg/m2h	Not detected
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**BIO SIGNAL ENERGY Eco Friendly Feature**

- Far Infrared Rays are voluntarily released by plant-based raw materials giving a deodorizing function and reduces TVOC emissions.

**THINK SAFETY.**

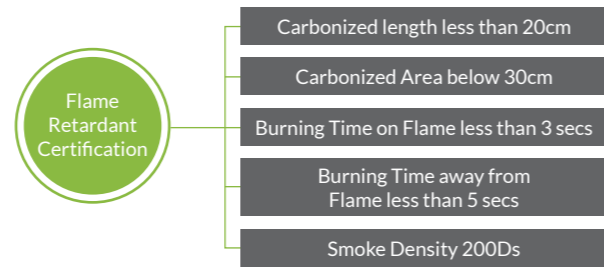
Excellent flame retardant performance and reliability makes any interior environment safe and secure.



**STAIN RESISTANT**

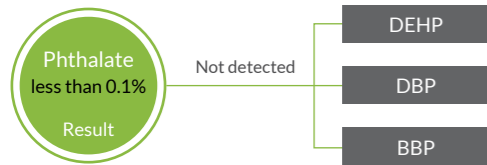


**FIRE RETARDANT (Industry Performance Institute Certification)**



**ANTI-BACTERIAL / ANTI-FUNGI**

- Non-toxic antimicrobial and bio-based raw materials provides excellent antibacterial and anti-fungal effects



BODAQ CERTIFICATIONS



Eco-Label Certificate



Carbon Emission Certificate



Heavy Metals Test Report



Antibacterial Test Report



KFI Flame Retardant Approval



Hazardous Gas Test Report



Physical Properties Report

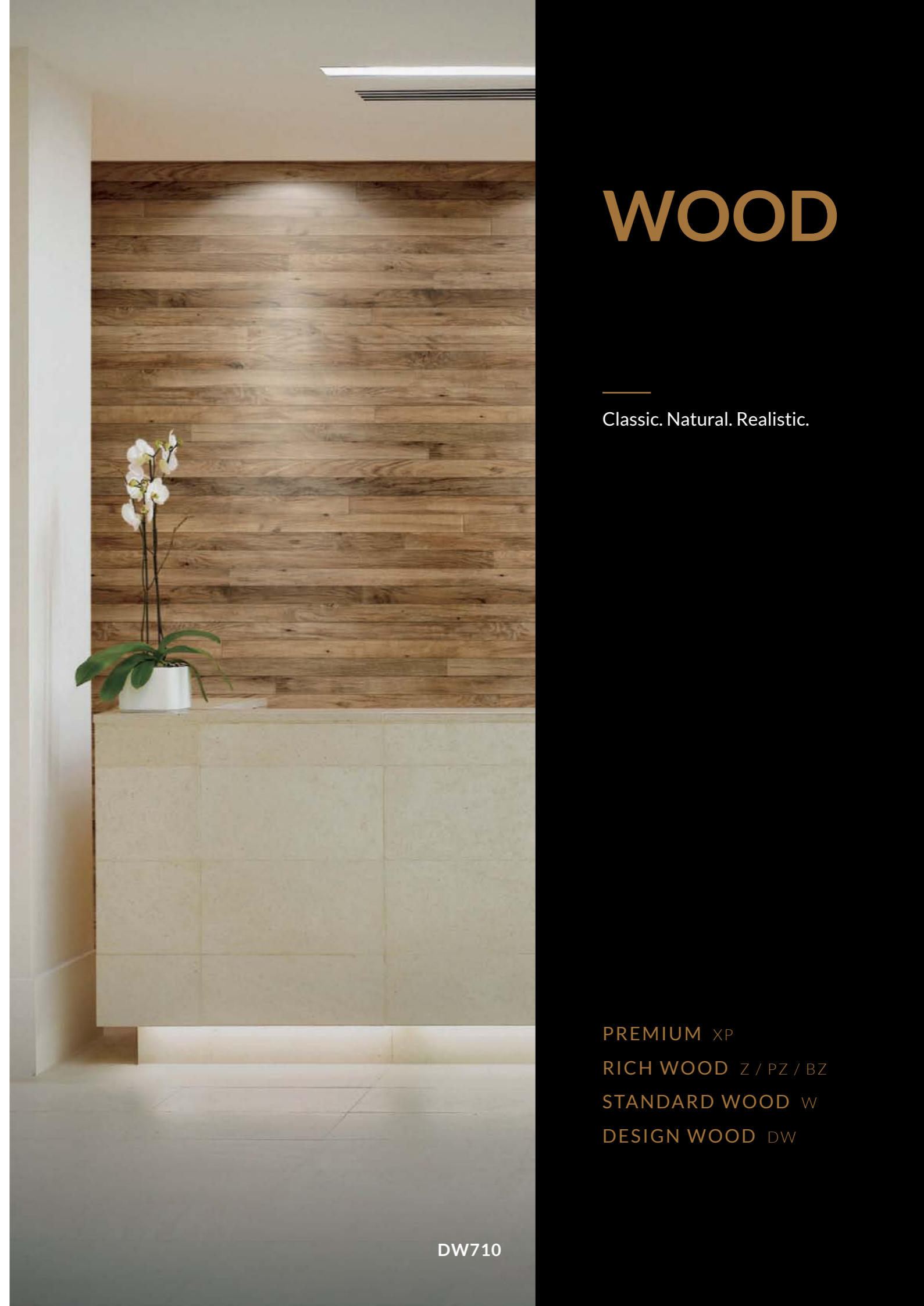


Shrinkage Test Report



Phthalates Test Report

\*Test reports and certifications of our products are available upon request.



WOOD

Classic. Natural. Realistic.

PREMIUM XP  
 RICH WOOD Z / PZ / BZ  
 STANDARD WOOD W  
 DESIGN WOOD DW

PREMIUM WOOD XP

Dimension: 0.42mm(T) x 1220mm(L) x 50m(W)



XP118



Cypress XP115



Cypress XP116



Elm XP121



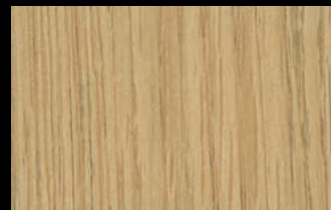
Oak XP104



Stripe XP110



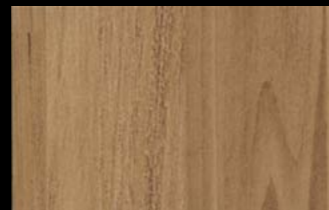
Stripe XP109



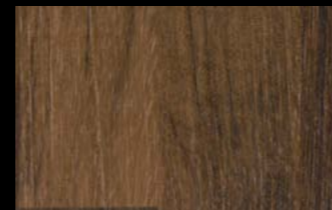
Oak XP105



Teak XP102



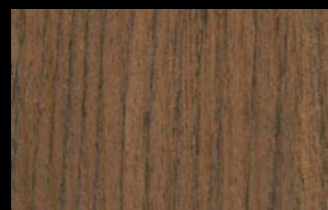
Multi wood XP113



Multi wood XP114



Walnut XP118



Walnut XP124



Teak XP103

Fire retardant General

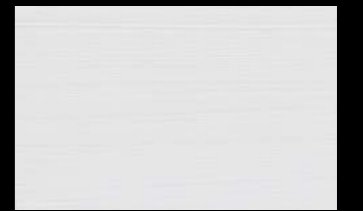
\*Color may vary from actual sample.

RICH WOOD Z

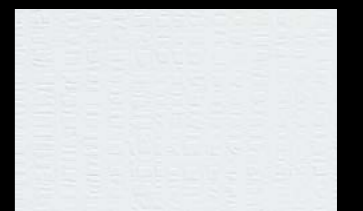
Dimension: 0.42mm(T) x 1220mm(L) x 50m(W)



ZSW03



Emboss wood New ZSW01



Fabric Emboss New ZSW02



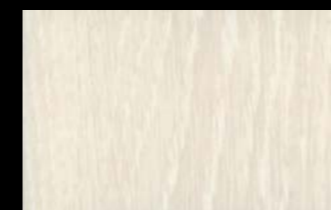
Emboss wood ZSW03



Emboss wood ZSW04



Zebra Z136P



Gran Oak Z849S



Teak Z809S



Elm Z827S



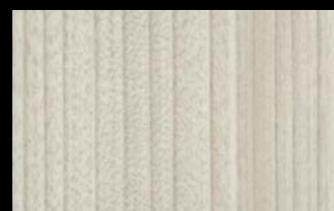
Teak Z821S

Fire retardant General

\*Color may vary from actual sample.



Z844S



Teak   Z810S



Black wood   Z839S



Pine   Z801S



Teak   ZN9B1



Elm   Z815S



Oak   Z411S



Teak   Z837S



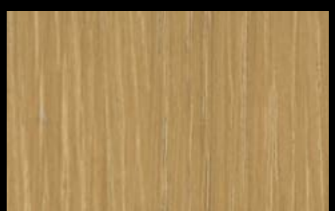
Pine   Z802S



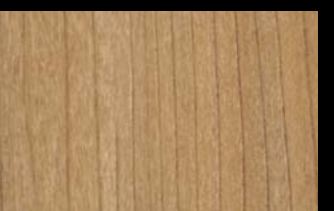
Teak   Z822S



Stripe   ZK22P



Wash Oak   Z848S



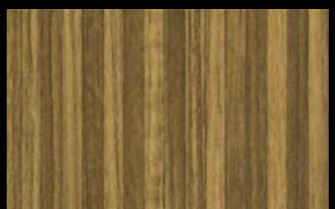
Cherry   Z818S



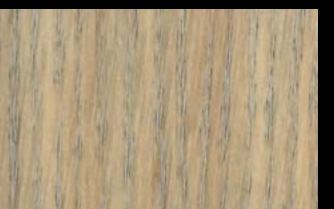
Elm   Z311S



Oak   Z807S



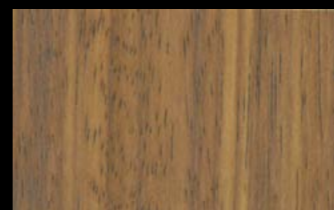
Stripe   ZK3DP



Oak   Z441S



Walnut   Z841S



Ash   ZC23P



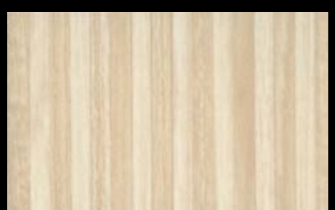
Cherry   Z211S



Walnut   Z842S



Cherry   Z828S



Stripe   ZK11P





Wash Oak   Z845S



Maple   Z805S



Pine   Z823S



Pine   Z824S



Ebony   Z825S



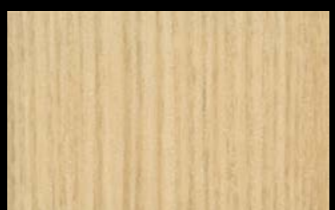
Ebony   Z826S



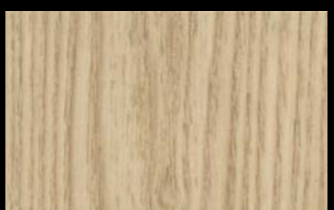
Elm   Z814S



Oak   Z421S





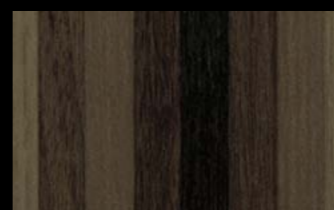
Ash   Z830S



Ash   Z844S



Zebra   Z15DP





Zebra   ZN9A1





Oak   Z836S



Oak   Z808S

 Fire retardant  General

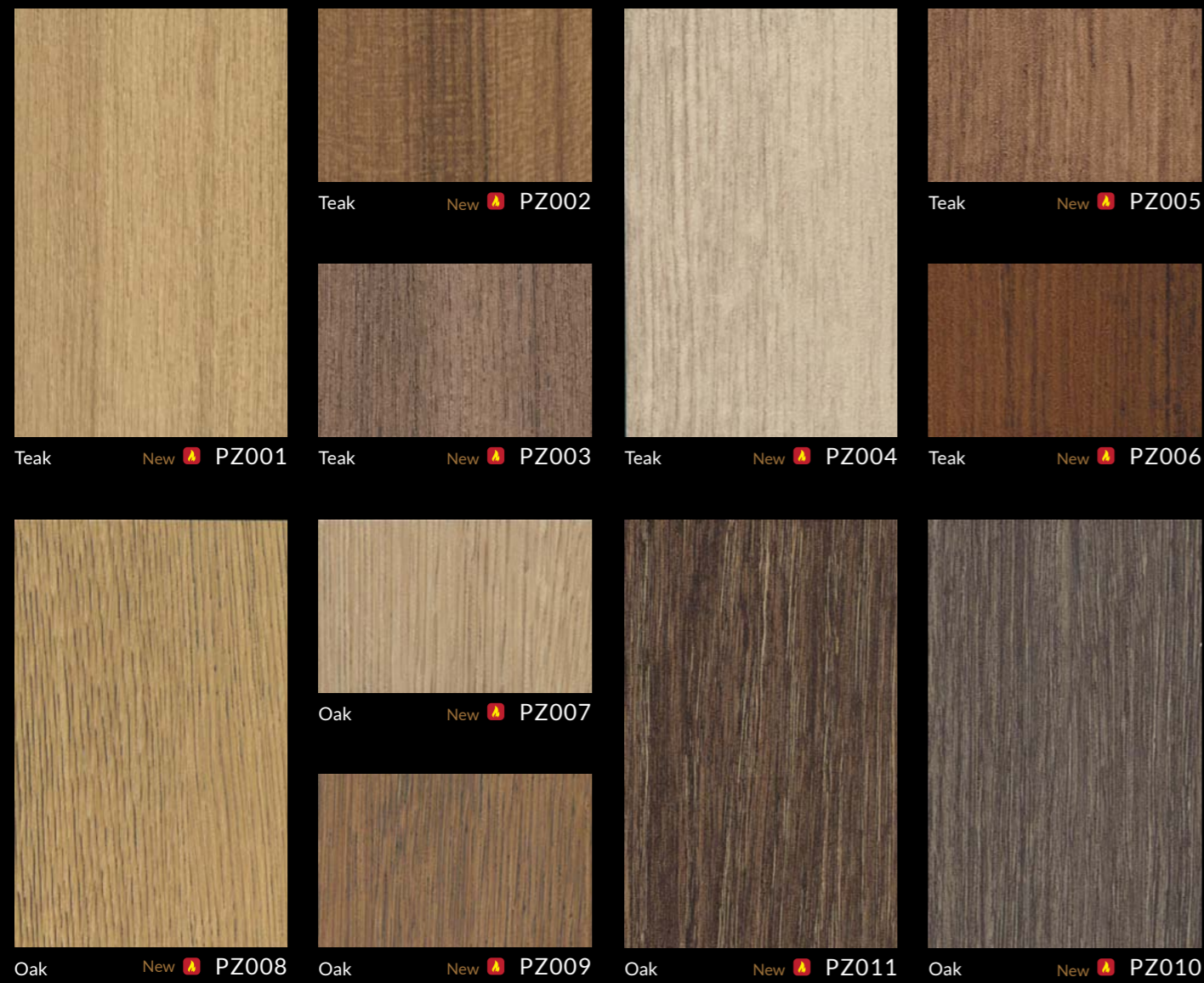
\*Color may vary from actual sample.

 Fire retardant  General

\*Color may vary from actual sample.

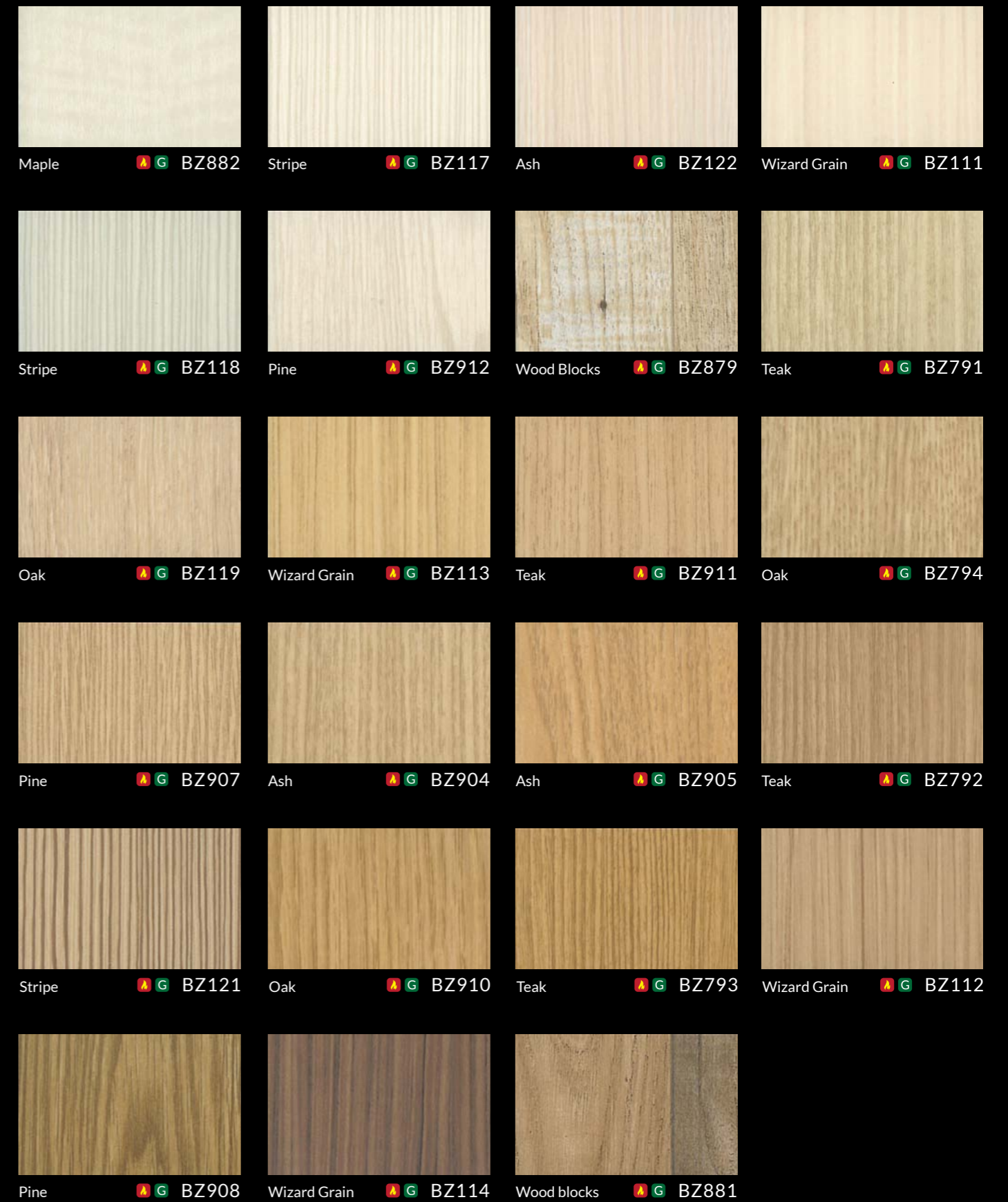


PZ010 / PZ011



🔥 Fire retardant    🟢 General

\*Color may vary from actual sample.



🔥 Fire retardant    🟢 General

\*Color may vary from actual sample.



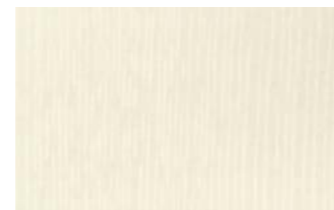
W933



Oak W933



Oak W198



Castagno cadduci W859



Maple W189



Maple W935



Maple W199



Oak W863



Ash W196



Acacia W941



Oak W937



White ash W940



Castagno cadduci W301



White Ash W938



Noce W865



Elm W939



Twotone wood W926



Noce W528



Japanese larch W821



Elm W934



Castagno cadduci W191



Artificial wood W903



Maple W200



Oak W195



Noce W925



Chamonix oak W350



Twotone wood W927



Ash W932



White Oak W351



Noce W504



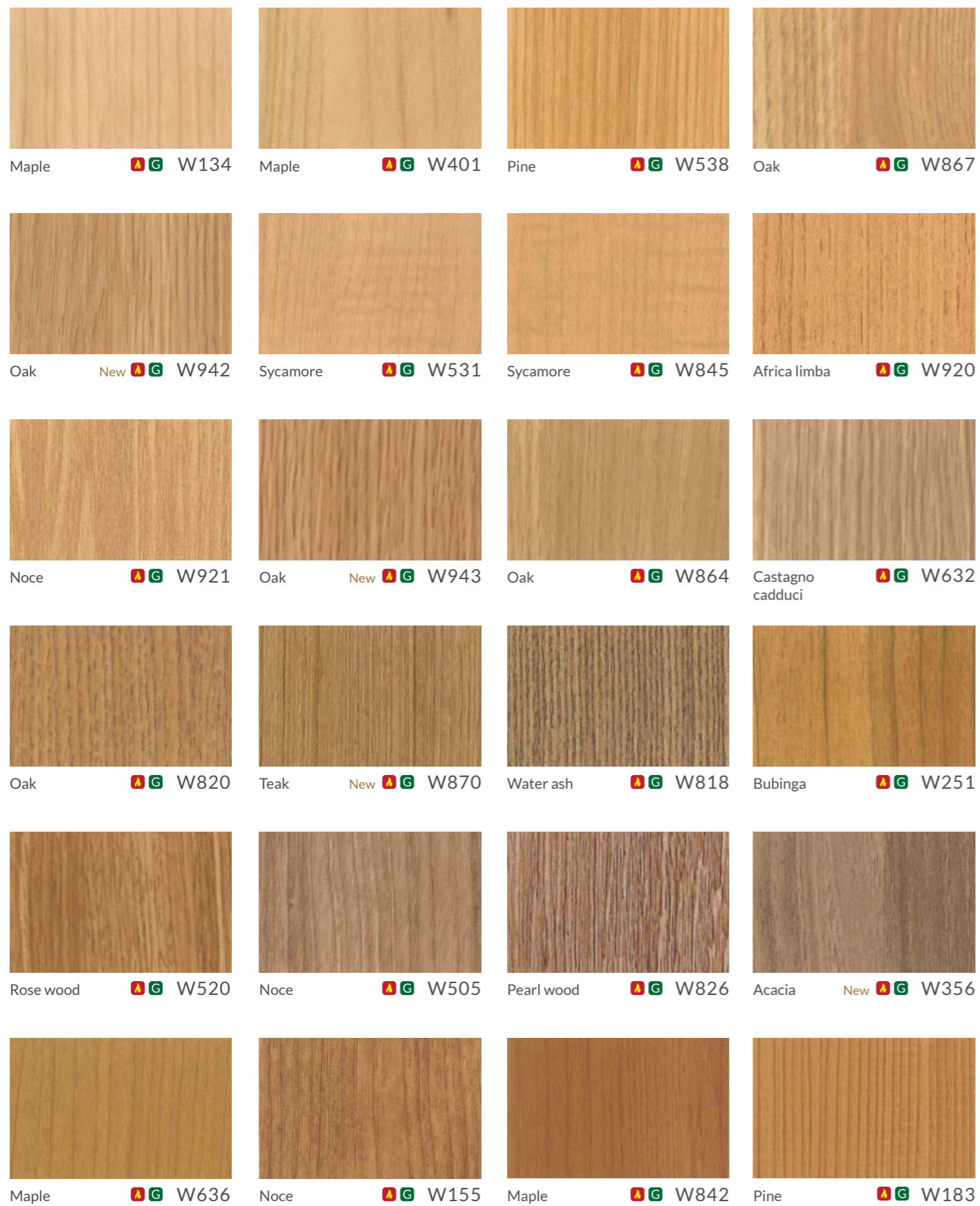
Pearl wood W825

Fire retardant General

\*Color may vary from actual sample.

Fire retardant General

\*Color may vary from actual sample.

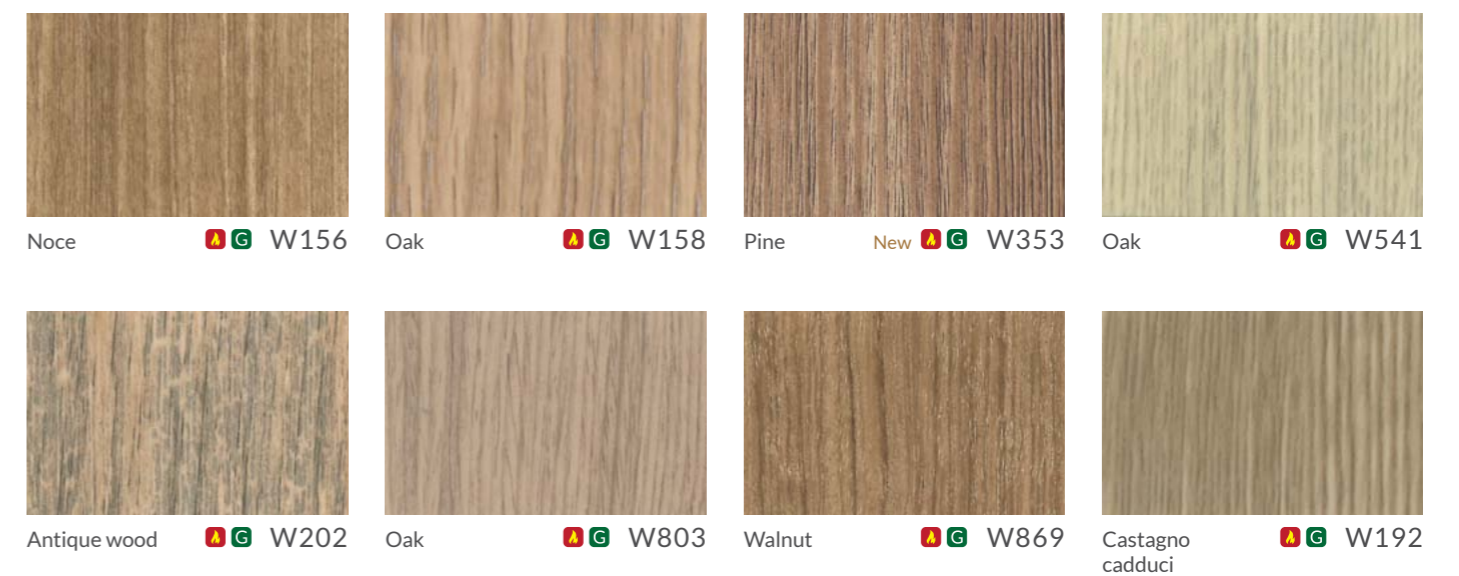


 Fire retardant  General

\*Color may vary from actual sample.



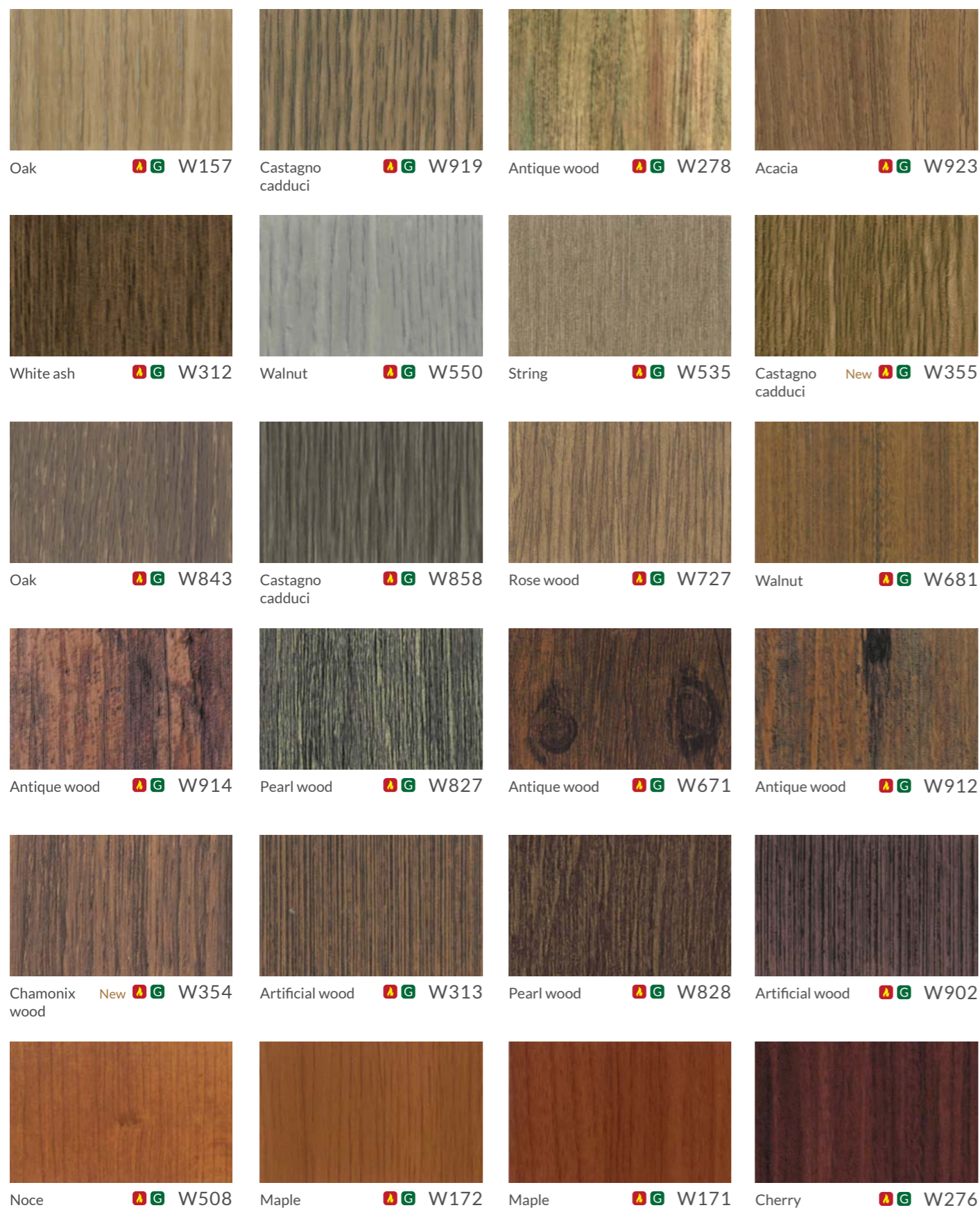
W353



 Fire retardant  General

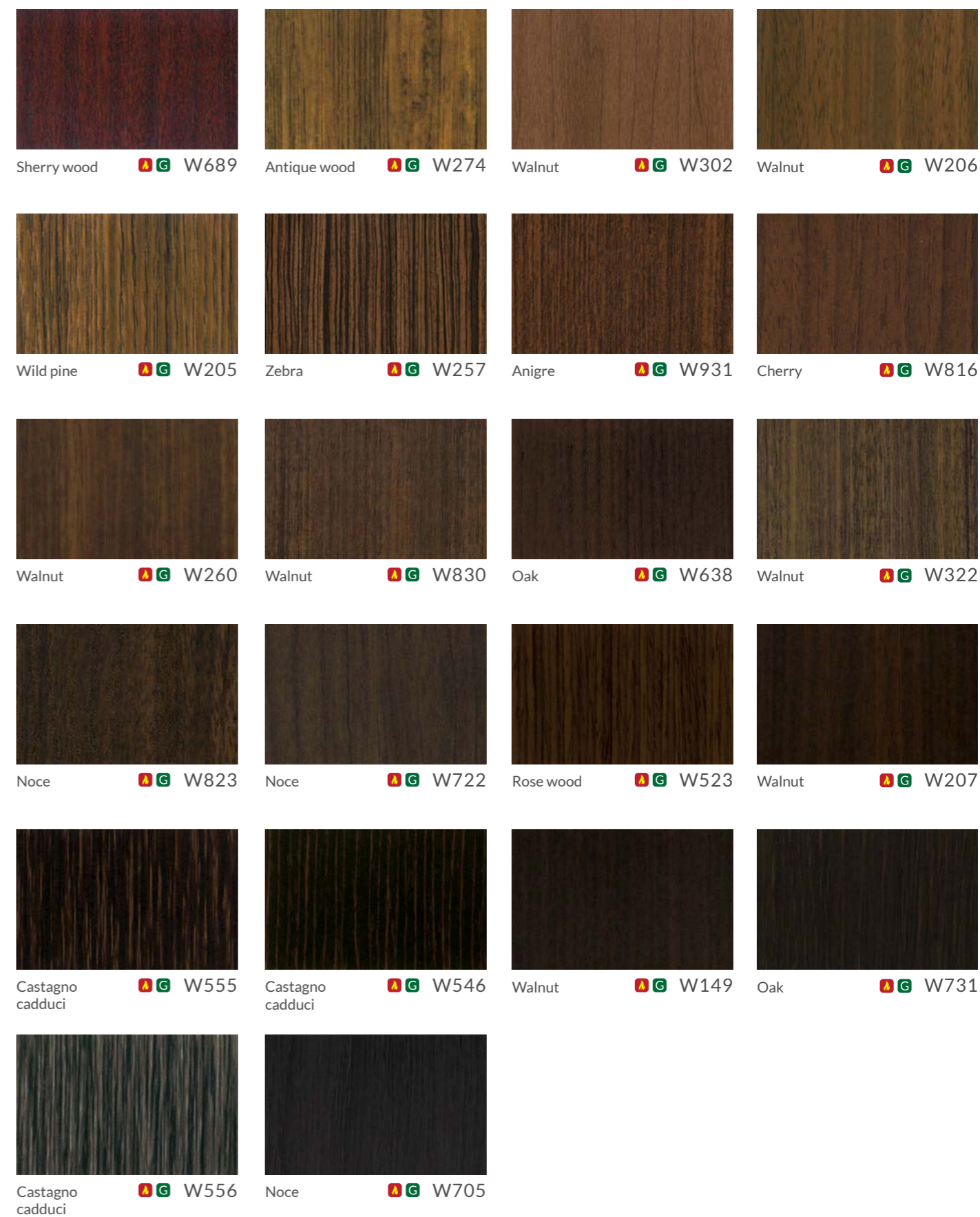
\*Color may vary from actual sample.





 Fire retardant  General

\*Color may vary from actual sample.



 Fire retardant  General

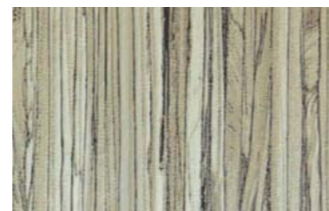
\*Color may vary from actual sample.



DW702



Collection wood **A** DW702



Collection wood **A** DW701



Collection wood **A** DW703



Larch **A** DW707



Larch **A** DW708



Larch **A** DW709



DW802



Color wood **A** DW712



Color wood **A** DW713



Color wood **A** DW714



DW712



Vintage wood **A** DW801



Vintage wood **A** DW802



Hardwood pannel **A** DW710



Hardwood pannel **A** DW711

**A** Fire retardant **G** General

\*Color may vary from actual sample.

**A** Fire retardant **G** General


\*Color may vary from actual sample.

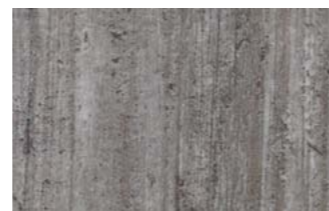
Dimension: 0.42mm(T) x 1220mm(L) x 50m(W)



DW201



Concrete wood  DW201



Concrete wood  DW202



Panel wood  DW704



Panel wood  DW705



White wood  DW401



White wood  DW403



DW403



DW406



Scrap wood  DW406



Alphabet wood  DW204

 Fire retardant  General

\*Color may vary from actual sample.



# ABSTRACT

Luxurious. Modern. Extraordinary

NATURAL NS  
PREMIUM NATURAL NSP  
PREMIUM METAL APZ  
ABSTRACT AP  
POLISHED MARBLE HD

NS422



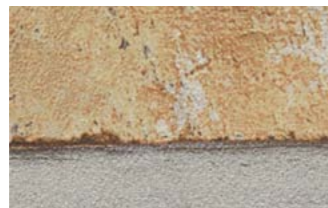
NS416



NS426



Old bricks New 🔥 NS416



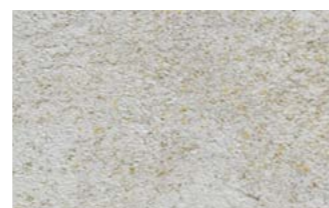
Old bricks New 🔥 NS415



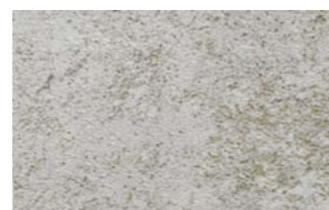
Old bricks New 🔥 NS417



Cement bricks New 🔥 NS414



Cement bricks New 🔥 NS412



Cement bricks New 🔥 NS413



Bianco carrara New 🔥 NS801



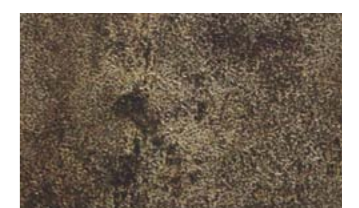
Bianco carrara New 🔥 NS802



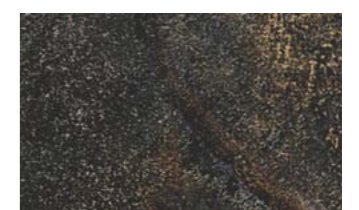
Bianco carrara New 🔥 NS803



Peacock natural New 🔥 NS426



Peacock natural New 🔥 NS427



Peacock natural New 🔥 NS428

🔥 Fire retardant 🟢 General

\*Color may vary from actual sample.

🔥 Fire retardant 🟢 General

\*Color may vary from actual sample.



NS425



NS420



NS402



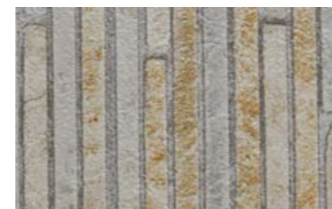
Cement wood **New** 🔥 NS424



Cement wood **New** 🔥 NS425



Stick stone **New** 🔥 NS422



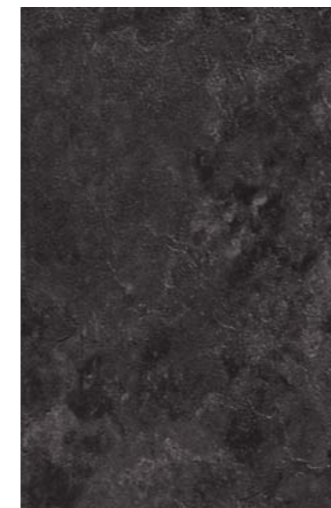
Stick stone **New** 🔥 NS421



Stick stone **New** 🔥 NS423

🔥 Fire retardant 🟢 General

\*Color may vary from actual sample.



Slate **New** 🔥 NS420



Slate **New** 🔥 NS418



Slate **New** 🔥 NS419

🔥 Fire retardant 🟢 General

\*Color may vary from actual sample.



Concrete 🔥 NS403



Concrete 🔥 NS402



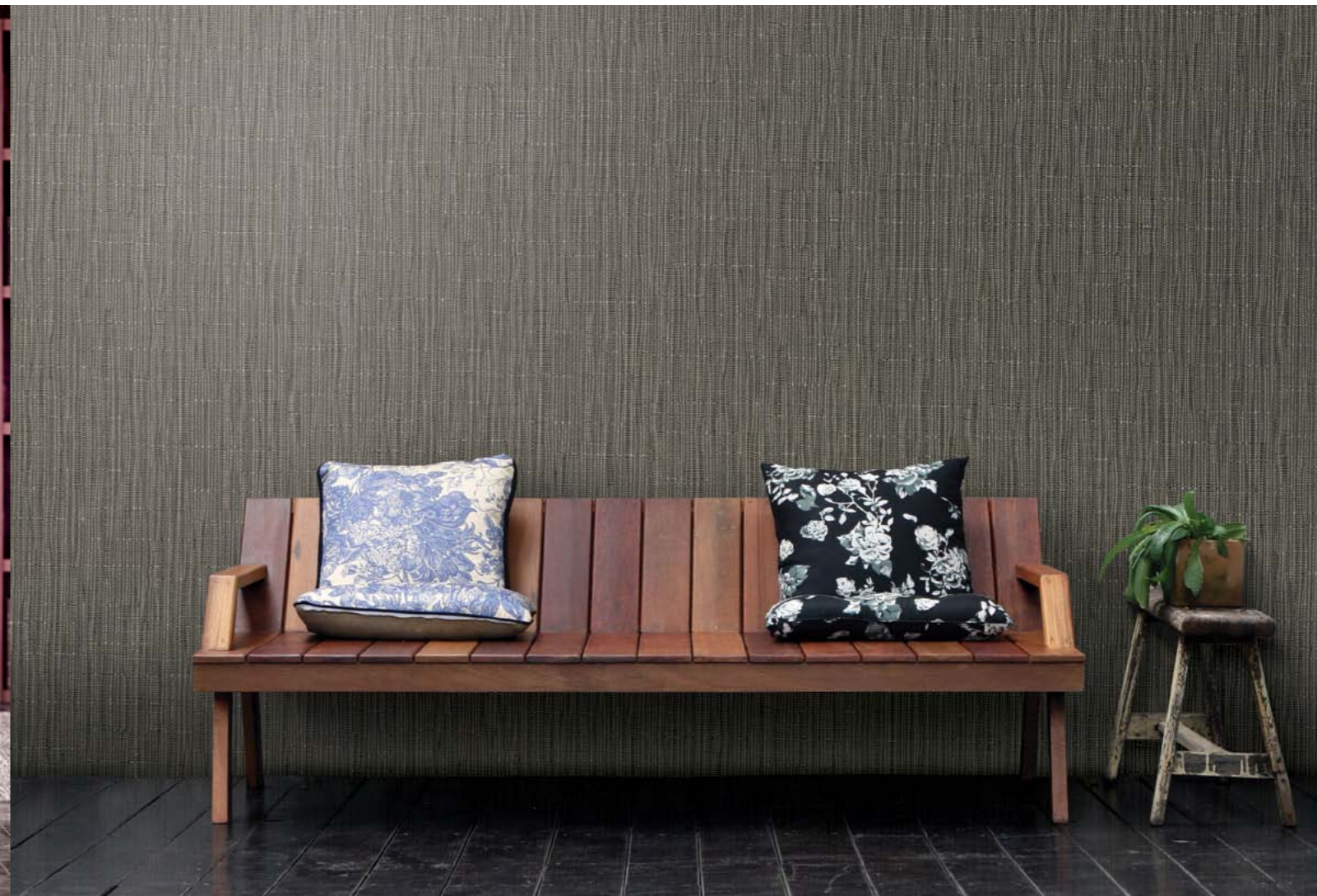
Concrete 🔥 NS401



NS404



NS410



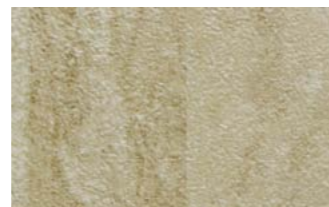
NSP02



Rustic stone **F** NS407



Rustic stone **F** NS408



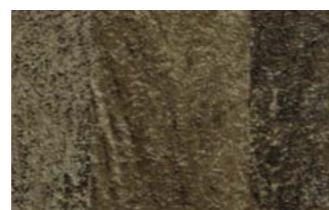
Stone blocks **F** NS404



Iron oxide **F** NS410



Rustic stone **F** NS409



Stone blocks **F** NS405



Iron oxide **F** NS411

**F** Fire retardant **G** General

\*Color may vary from actual sample.



Fabric **New** **F** NSP01



Fabric **New** **F** NSP02



Fabric **New** **F** NSP03



Fabric **New** **F** NSP04



Fabric **New** **F** NSP05



Fabric **New** **F** NSP06

**F** Fire retardant **G** General

\*Color may vary from actual sample.

## PREMIUM METAL APZ

Dimension: 0.42mm(T) x 1220mm(L) x 50m(W)



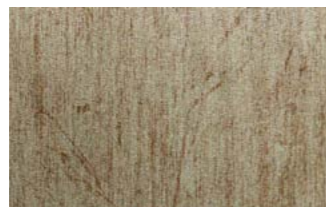
Metal weave APZ14



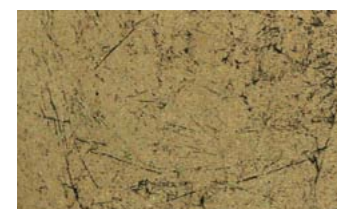
Rustic bronze APZ06



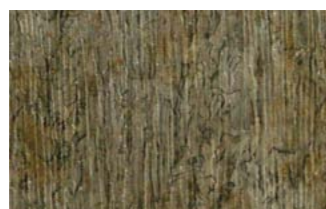
Metal weave APZ18



Texture metal APZ02



Gold crack APZ05



Metal pine APZ04



Gold sand APZ10

## ABSTRACT AP

Dimension: 0.42mm(T) x 1220mm(L) x 50m(W)



Deep impact AP604



Stone AP712



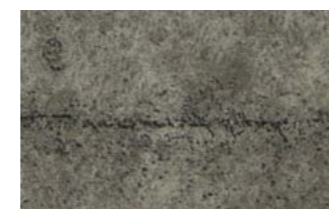
Deep impact AP603



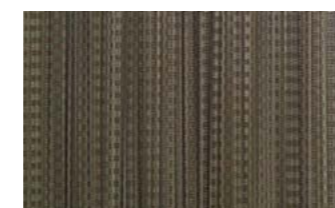
Stone AP711



Metal Mesh AP128



Concrete AP562



Metal chain AP784

## POLISHED MARBLE HD

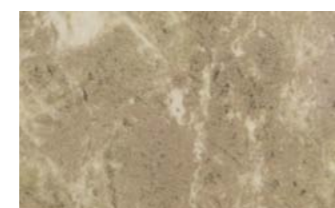
Dimension: 0.42mm(T) x 1220mm(L) x 50m(W)



Marble HD711



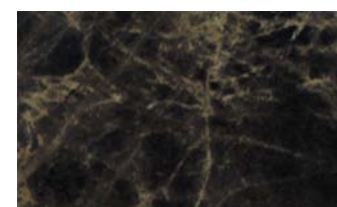
Marble HD712



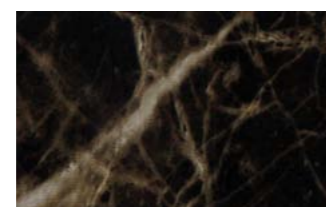
Marble HD713



Marble HD501



Marble HD102



Marble HD101

Fire retardant General

\*Color may vary from actual sample.

# PREMIUM

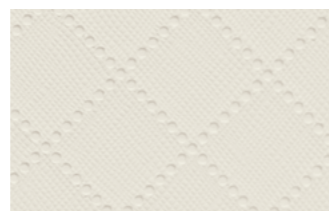
Safe. Eco-friendly & Elegant,  
All in one

LEATHER ARZ / AR  
PREMIUM JSP  
NATURAL PAPER JS  
FABRIC JAS  
MINERAL JSB

JSP01



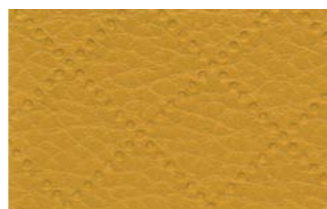
ARZ13



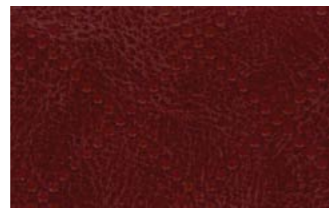
Quilt **New** **G** ARZ15



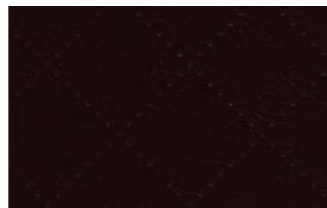
Quilt **New** **G** ARZ16



Quilt **New** **G** ARZ17



Quilt **New** **G** ARZ18



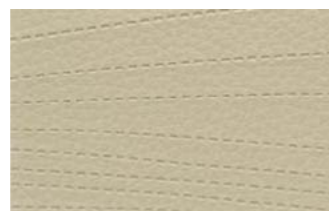
Quilt **New** **G** ARZ19



Engraving **G** ARZ11



Stitch **New** **G** ARZ22



Stitch **New** **G** ARZ23



Quilt **New** **G** ARZ24



Python **G** ARZ13



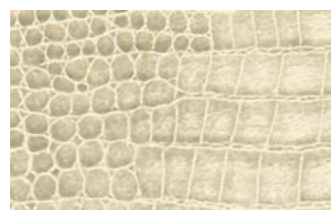
Quilt **New** **G** ARZ20



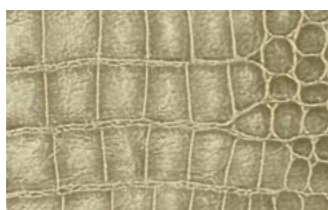
Quilt **New** **G** ARZ21



Ostrich **New** **G** ARZ01



Crocodile **G** ARZ07



Reptile **G** ARZ08



Reptile **G** ARZ05



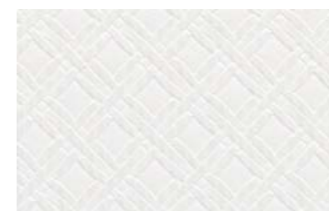
Reptile **G** ARZ06

**A** Fire retardant **G** General

\*Color may vary from actual sample.



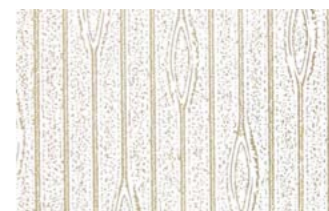
Weave **G** AR907



Weave **G** AR905



Weave **G** AR904



Weave **G** AR733V



Straw mat **G** AR657



Weave **G** AR903



Crocodile **New** **G** AR908



Rush mat **G** AR721



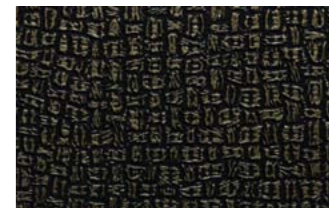
Art deco **G** AR710



Embroidery **G** AR717



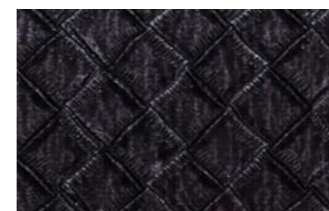
Embroidery **G** AR725



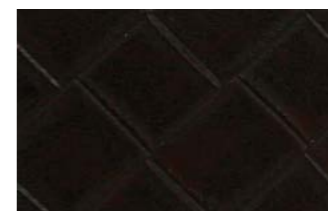
Straw mat **G** AR656



Weave **G** AR660



Weave **G** AR659



Patchwork **G** AR411



Patchwork **G** AR413



Reptile B **G** AR582

**A** Fire retardant **G** General

\*Color may vary from actual sample.





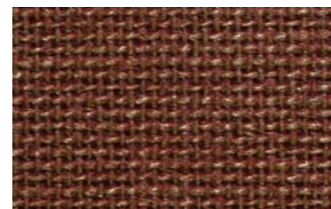
JSP03



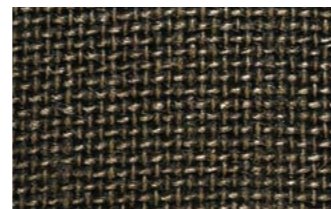
Foil New **G** JSP01



Foil New **G** JSP02



Golden woven New **G** JSP03



Golden woven New **G** JSP04

**A** Fire retardant **G** General

\*Color may vary from actual sample.



JS241



Multi stripe New **G** JS241



Multi stripe New **G** JS242



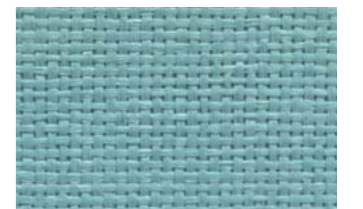
Paper weave New **G** JS246



Paper weave New **G** JS243



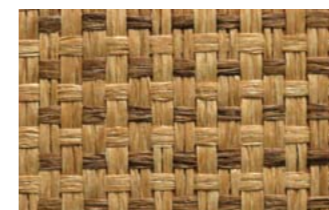
Paper weave New **G** JS244



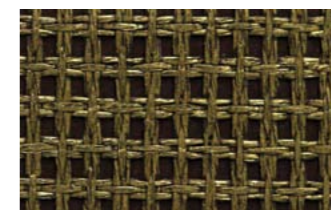
Paper weave New **G** JS245



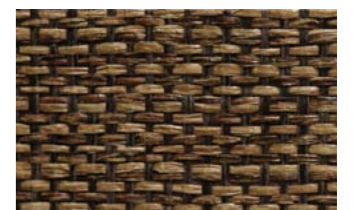
Paper weave **G** JS237



Paper weave **G** JS238



Paper weave **G** JS235



Paper weave **G** JS204

**A** Fire retardant **G** General

\*Color may vary from actual sample.



JAS48

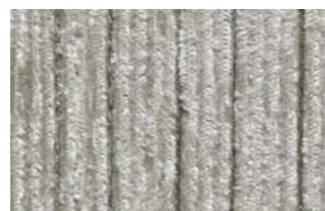
**FABRIC JAS**

Dimension:  
0.6-9mm(T) x 0,910mm(L) x 20m(W)



Yarn string

**G** JAS47



Yarn string

**G** JAS48



Yarn string

**G** JAS41

**MINERAL JSB**

Dimension:  
0.6-9mm(T) x 0,910mm(L) x 20m(W)



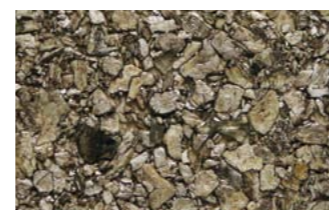
Vermiculite

**G** JSB53



Vermiculite

**G** JSB51



Vermiculite

**G** JSB16

**A** Fire retardant **G** General

\*Color may vary from actual sample.



# BASIC

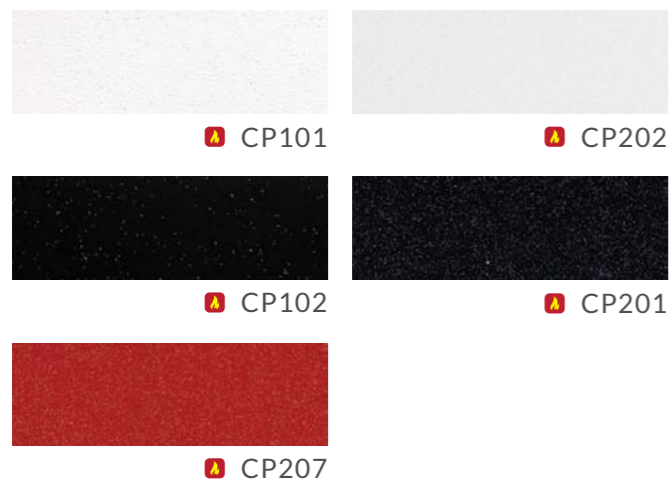
Fashionable. Stylish. Trendy

- PEARL CP
- MONOCHROME EMBOSSED LS
- MONOCHROME GLOSS HS
- METAL EMBOSS LM
- METAL DM
- SOLID S

HS209 | S115

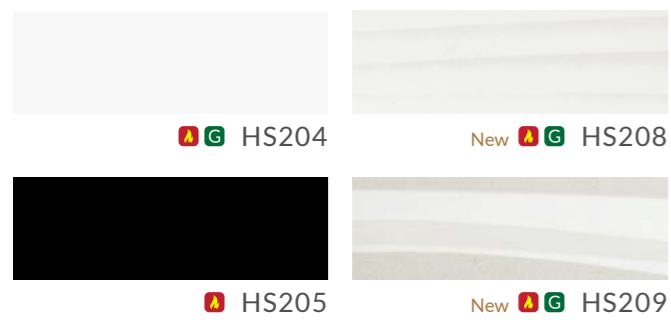
## PEARL CP

Dimension: 0.42mm(T) x 1220mm(L) x 50m(W)



## MONOCHROME GLOSS HS

Dimension: 0.42mm(T) x 1220mm(L) x 50m(W)



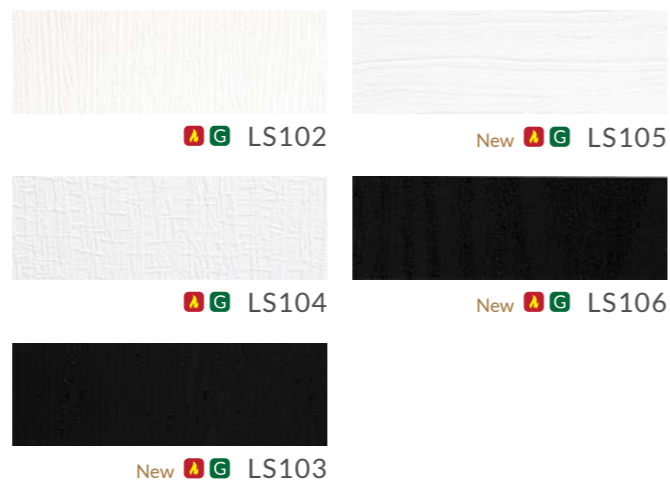
## METAL DM

Dimension: 0.42mm(T) x 1220mm(L) x 50m(W)



## MONOCHROME EMBOSSED LS

Dimension: 0.42mm(T) x 1220mm(L) x 50m(W)



## METAL EMBOSS LM

Dimension: 0.42mm(T) x 1220mm(L) x 50m(W)



## SOLID S

Dimension: 0.42mm(T) x 1220mm(L) x 50m(W)





Fire retardant General

\*Color may vary from actual sample.

Fire retardant General

\*Color may vary from actual sample.

Collection	Alpha Code	Design Feature	Thickness w/ Release Paper	Width	Packaging Unit	Coverage (sq.m/roll)	*Film Type
WOOD	XP	Premium Wood	0.42 mm	1,220 mm	1 BOX (50M)	61	 
WOOD	Z	Rich Wood	0.42 mm	1,220 mm	1 BOX (50M)	61	 
WOOD	PZ	Rich Wood	0.42 mm	1,220 mm	1 BOX (50M)	61	
WOOD	BZ	Rich Wood	0.42 mm	1,220 mm	1 BOX (50M)	61	 
WOOD	W	Standard Wood	0.42 mm	1,220 mm	1 BOX (50M)	61	 
WOOD	DW	Design Wood	0.42 mm	1,220 mm	1 BOX (50M)	61	
ABSTRACT	NS	Natural (Bricks/Stone/Slate)	0.42 mm	1,220 mm	1 BOX (50M)	61	
ABSTRACT	NSP	Premium Natural (Fabric)	0.42 mm	1,220 mm	1 BOX (50M)	61	
ABSTRACT	APZ	Premium Metal	0.42 mm	1,220 mm	1 BOX( 50M)	61	
ABSTRACT	AP	Abstract Metal	0.42 mm	1,220 mm	1 BOX (50M)	61	
ABSTRACT	HD	Polished Marble	0.42 mm	1,220 mm	1 BOX (50M)	61	 
PREMIUM	ARZ	Leather	0.45~6mm	1,220 mm	1 BOX (30M)	36.6	
PREMIUM	AR	Leather (Skins/Weave/ Patchwork)	0.45~6 mm	1,220 mm	1 BOX(30M)	36.6	
PREMIUM	JSP	Premium (Foil/Woven)	0.6~9 mm	0,910 mm	1 BOX (20M)	18.2	
PREMIUM	JS	Natural Paper	0.6~9 mm	0,910 mm	1 BOX (20M)	18.2	
PREMIUM	JAS	Fabric (Yarn String)	0.6~9 mm	0,910 mm	1 BOX (20M)	18.2	
PREMIUM	JSB	Mineral (Vermiculite)	0.6~9 mm	0,910 mm	1 BOX (20M)	18.2	
BASIC	CP	Pearl (Hologram)	0.42 mm	1,220 mm	1 BOX (50M)	61	
BASIC	LS	Monochrome Embossed (Textured Matte)	0.42 mm	1,220 mm	1 BOX (50M)	61	 
BASIC	HS	Monochrome Gloss	0.42 mm	1,220 mm	1 BOX (50M)	61	 
BASIC	LM	Textured Gloss	0.42 mm	1,220 mm	1 BOX (50M)	61	 
BASIC	DM	Metal Emboss	0.42 mm	1,220 mm	1 BOX (50M)	61	 
BASIC	S	Solid	0.42 mm	1,220 mm	1 BOX (50M)	61	 

\*Film Type  Fire retardant  General

## 1 PREPARATION

Before installation of film, check substrate and substrate surface condition.

- The use of Medium Density Fiberboards (MDF) must have uniform density for all installed boards to ensure proper adhesion strength and stability of substrate.
- The following are surface characteristics to take note:
  - Painted surfaces - surface must be free from stains, peeling and damaged. Surface must be repaired prior to film installation.
  - General surfaces - if substrate is rough and uneven, it must be applied with putty and sanded with sandpaper until even and smooth surface is achieved. Clean from dust and dirt.
- It is highly recommended to conduct pre-installation inspections of product, substrate, substrate condition, room temperature, site conditions, and exposure to heat, moisture or open flame.
- During cooler or rainy season, ensure residual moisture is not present prior to installation.
- Room temperatures must be between 15-25°C during installation process.
- Please note that if interior film is stored over the winter season, inspect product for surface cracks and test adhesion prior to installation.
- Ensure substrate is oil or wax free since it will result to poor adhesion.

## 2 PRIMERS

The use of primer is necessary for strong film adhesion, stability and durability. It is recommended to use "OK Primer" by Hanwha L&C for best performance and reliability.

- For MDF or any wood products, primer absorption is very high. It is therefore recommended to re-apply at least 2-3 times with drying period of at least 2 hours at each coat.
- After primer has been completely applied over the surface, film is ready to be installed.  
\* Store Hanwha OK Primer in a cool, dry place.

## 3 CONSTRUCTION NOTES

- Before installation, check the interior film's LOT Number found on the box. Ensure that each designs or patterns of the same code have the same LOT Numbers to prevent color differences.
- During the overlapping joint process, re-application of the primer on joints is recommended for stronger adhesion between joints. Press the entire panel again with particular attention to the joints and edges with applicator or squeegee.

## 4 NOTES FOR PRODUCT WITH SPECIFIC FEATURES

- AR(Z) Leather type - re-application of primer and application of more pressure to joints and edges is required due to the embossing detail feature of these patterns
- JS/JSB/JAS/JSP - due to the special textured surfaces of these collections, careful handling and storage is necessary. During the bending installation process, slow and careful process is needed to prevent breaking and splitting of film surface.
- HD/HS High Gloss - due to the hardness of the glossy film surface, primer re-application and increased pressure must be applied on the edges to prevent from lifting

## 5 PRODUCT STORAGE AND PRECAUTIONS

- Interior Film product is for INTERIOR USE only. Avoid contact with moisture, direct sunlight, open flame, and dust.
- Discoloration may occur upon exposure to direct sunlight or heat.
- Please refrain from excessive skin friction of the product.



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