

*Royal  
House*

**NATROYAL  
GROUP**

VINYL  
FLOORING  
COLLECTION

VOL II



**NATROYAL**  
GROUP

*Royal House*

Since 1962, Natroyal Group (formerly Samsons Group) are one of the pioneers in India engaged in manufacturing, exporting and leading suppliers of PVC Vinyl Flooring (Royal House), Coated Fabrics / Leather cloth / Artificial leather (National's Royal Touch), Two-wheeler Seat cover with Heat Management properties (Joyride), Circular & Warp Knitted Fabrics (Royal Knit) and Seating Components (Vijayjyot). With the long years of experience and conformity in this realm, we have emerged as the leading brand in the market for all our products.

The production facilities are located near Vadodara (Baroda), Gujarat, India and corporate office is located in Mumbai, India. The products are available throughout India through our network of distributors and retailers. Group products are exported and well accepted in Europe, USA, Russia, Middle East, Africa and South East Asia.

*Royal House* PVC Vinyl Flooring is manufactured in thickness ranging between 0.37 mm to 3 mm with excellent acceptance in Education, Healthcare & Wet areas, Residential, Office, Retail & Hospitality and Transport sectors. Royal House also proudly announces the launch of PVC Planks also known as LVT (Luxury Vinyl Tile) under the Brand Name of "Nuplank". As a practice of pioneering high range products, we are the first company to produce this in India. It is available in 1.5mm and 2.0mm thickness and size of 6 inch x 36 inch.

*Royal Touch* manufactures coated fabric also known as Artificial leather, PVC/PU Vinyl, leather cloth in 0.7mm to 2mm thickness. The products are well accepted in Home & Office furnishing, Automotive interior such as car seat, door panel, trim cover, Fashion accessories such as ladies hand bags and belts, Shoe industries, Aftermarket upholstery, Medical and various other end uses.

*Joyride* manufactures two-wheeler Joyride seat covers with superior grade of leather cloth with special technology incorporated, which protect seats from harsh UV rays. First time in India, the product is focussed on certain factors like heat management, environment friendly and value for money.

*Royal Knit* we are manufacturing technical textile circular and warp knit fabrics which is a key ingredient for making leather cloth/ coated fabrics and backing fabric for making automotive fabric with foaming technology.

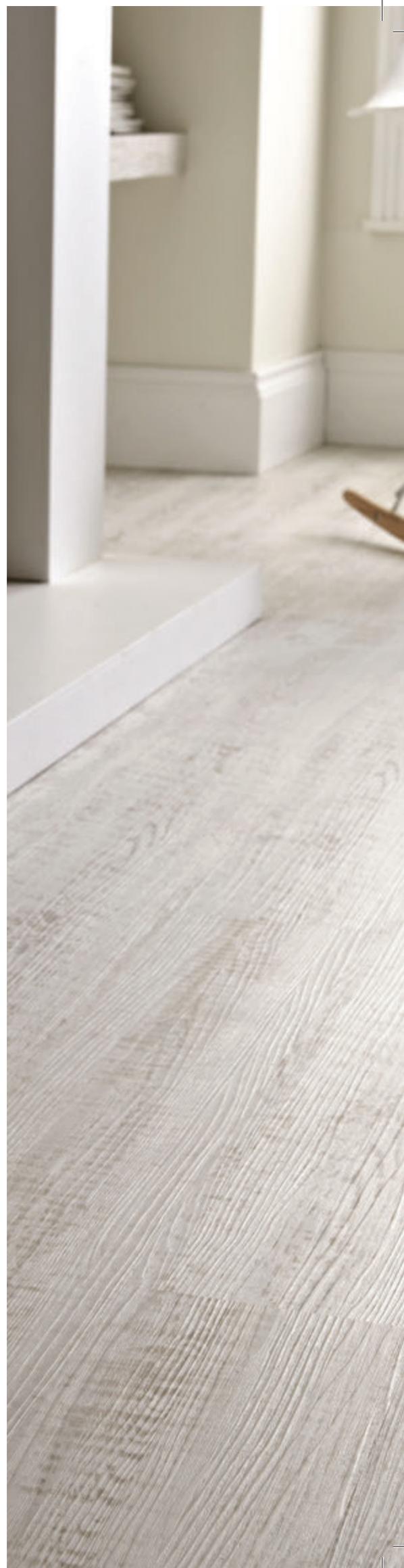
**VIJAYJYOTI** Seat component division manufactures frame fabrication, trim covers and polyurethane foam. We make components for various seating requirement such as Automotive seat, Cinema seat, Auditorium seat, Metro transport components and Commercial vehicle such as bus & truck seat. We also make Railway seats such as driver's and Chair car seats for train coaches.

Our offered array is highly appreciated for its quality assurance, strong build, durability, cost effective rates, low maintenance and beautiful design.

Certain products are **CE** and **SGS** certified.  
Kindly contact us for further details.

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# APPLICATION AREAS



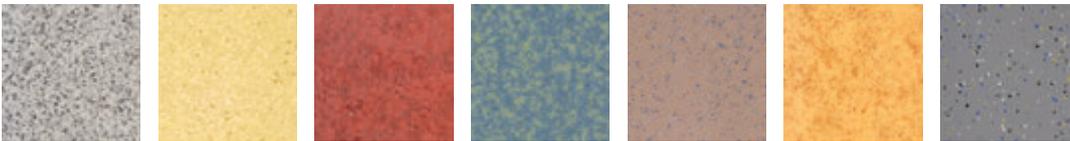
## EDUCATION

Our Education range of Vinyl Flooring is developed to help students concentrate, inspire and interact. The vibrant colors enhance creativity and concentration for both the students and facilitators.



## HEALTHCARE & WET AREAS

Our flooring provides a healthy and hygienic environment to patients to enhance the healing and curing elements for a speedy recovery. The care givers receive aid in providing the same with ease and experience comfort in the work place. The Flooring is also designed for bare foot and continuous wet areas.



## RESIDENTIAL

Our exquisite range of vinyl floor coverings in wooden, geometric and all over designs is developed keeping in mind the various tastes of individuals for designing their homes. It is easy to maintain and hassle free installation helps its users to change their interiors as often as desired. Flooring category includes printed flooring for normal economical range and Royal Star, Moonwalk, Majesty, Opera, Symphony, Royal Classic etc.



## OFFICES, RETAIL & HOSPITALITY

Where aesthetics meet practicality, our various ranges are designed to meet the growing aesthetics demands of the guests/ customers in offices, retail and hospitality. It also meets the high performance requirement at the same time.



## TRANSPORT

Various range of high endurance transport Vinyl Flooring are designed to meet the high Safety standards, provide a hygienic, comfortable and attractive environment to passengers. Pioneers of introducing Vinyl Flooring ranges like Gripper, Suprema RS, Standard RS, Sonata and Ecoplus V of International Standards for the Transport Industry in India.



# SYMBOL GUIDE



Body Voltage



Commercial Use



CE Mark



Thermal Conductivity



Residential Use



SGS Mark



Fungi & Bacterial Resistance



Industrial Use



Slip rating



Residual Indentation



Abrasion Resistance



Slip rating



Dimensional Stability



Total Thickness



Slip Rating



Reaction to fire



Wear Layer thickness



Plank



Under Floor Heating



PU Treatment



Tiles



Sound absorption



Roll Width



Class 34 Commercial very heavy



Electrical resistance



Roll Length



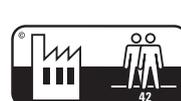
Class 33 Commercial very heavy



Slip Resistance



Total Weight



Class 42 Industrial Heavy



Resistance to chemicals



Castor chair continuous



Class 43 Industrial Heavy



Flexibility



Light Fastness



Class 22 Residential Use



# MIRAKLE

- High Quality Vinyl Resilient flooring in Homogenous Construction
- Anti-bacterial and Anti-Fungal Qualities
- Superior marbeled design in refreshing colors
- Available in tile and roll form in different thickness
- Value for money option for medium to high traffic areas
- Tough and durable with PU (optional) for easy and low cost maintenance





2 MM 2mtr WIDTH



Cool Breeze  
MK2351



Blue Sea  
MK2352



Red Earth  
MK2353



Forest Whisper  
MK2354



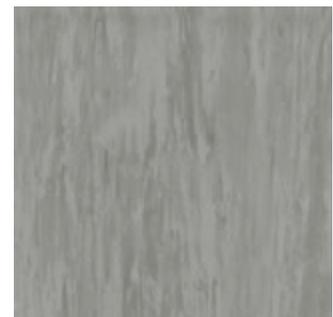
Sunny Sands  
MK2355



Stoneware  
MK2356



Nimbus Shower  
MK2357



Dusk Cloud  
MK2358

Due to limitations of colour printing actual samples may vary slightly from printed shades

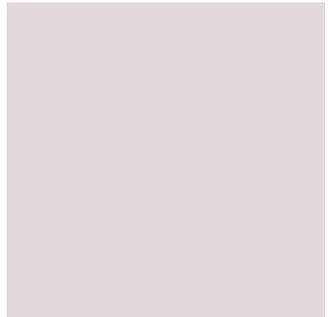


1 MM 2mtr WIDTH



# WALLY

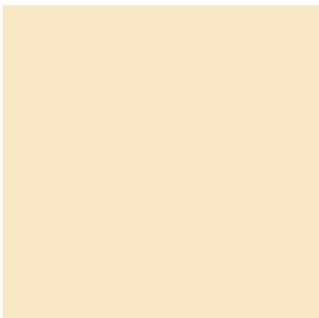
- Easy to clean, install and attractive finish for the Walls
- Excellent barrier to dirt and infection with PU shield
- Ideal for wet and Hygiene critical areas due to Anti-fungal and Anti-bacterial treatment



Lilac Dash  
WY2395



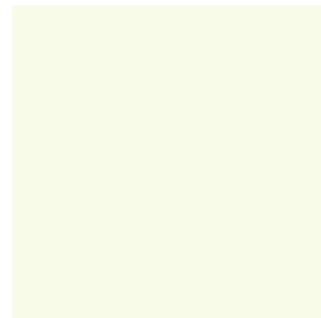
Soft Honey  
WY2396



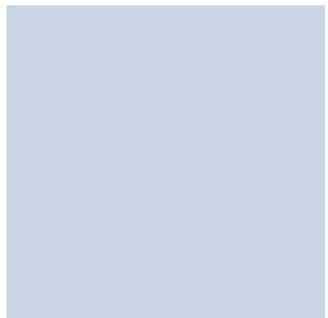
Coral Rocks  
WY2397



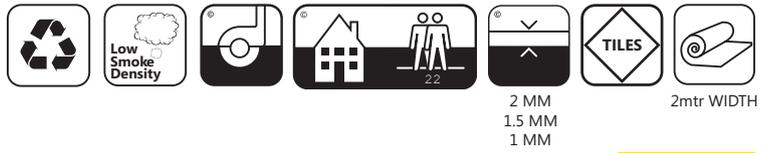
Aqua Young  
WY2398



Snow Blush  
WY2399



Calming Blue  
WY2400



# TUFF

- Flexible PVC flooring in light marbeled design
- Available in tile and roll form in different thickness
- Value for money option for low to medium traffic areas



Ivory  
TF2070



Ocean Blue  
TF2029



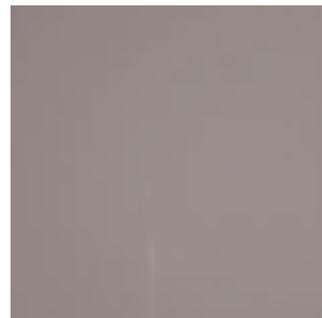
Beige  
TF2047



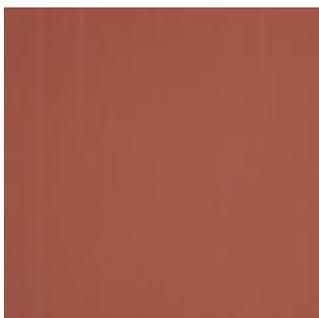
Harvest Green  
TF2085



Craft Brown  
TF2073



Steel Grey D  
TF2074



Copper Gold  
TF2084



Slate Grey  
TF2078



Wine Red  
TF2088



P.O.Red  
TF2094

Due to limitations of colour printing actual samples may vary slightly from printed shades



# ORBIT



- Antistatic flooring for greater safety in sensitive environments
- Calendered and compacted with permanent anti-static properties
- Ideally suitable for high-tech applications, electronics, telecommunication areas, computer rooms, operating theatres, radiology etc.





2 MM 2mtr WIDTH



Arabian Sand  
AT2655



Olive Path  
AT2653



Hazelnut  
AT2654



Grey Matter  
AT2652



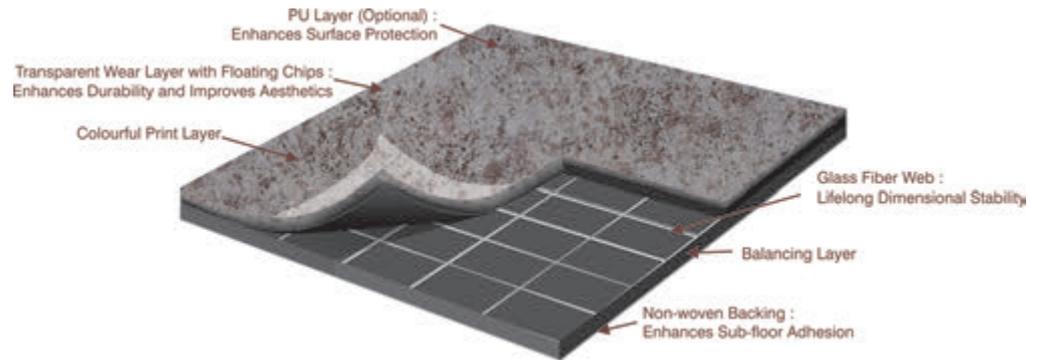
Plain Bliss  
AT2651

Due to limitations of colour printing actual samples may vary slightly from printed shades



# MOONWALK

- Hardwearing Vinyl Floor covering in overall design
- 0.7 mm pure PVC transparent wear layer with floating decorative chips
- Shades and textures combined to create stunning floor designs
- PU coating (optional) for easy and low cost maintenance
- Excellent resistance to scratches, abrasion, soiling and staining
- Glass fibre scrim for dimensional stability



Golden Ray  
MW2311



Sunrise Glory  
MW2310



Mercury  
MW2309



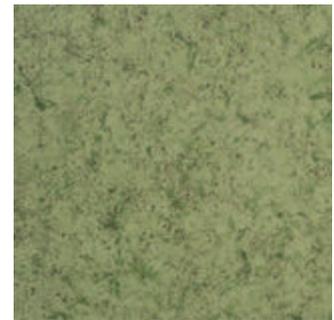
Pearl Star  
MW2308



Earthy Clay  
MW2307



Copper Moon  
MW2306



Neon Light  
MW2305



Silver Glaze  
MW2304



Moon Crater  
MW2303



Skyline  
MW2302



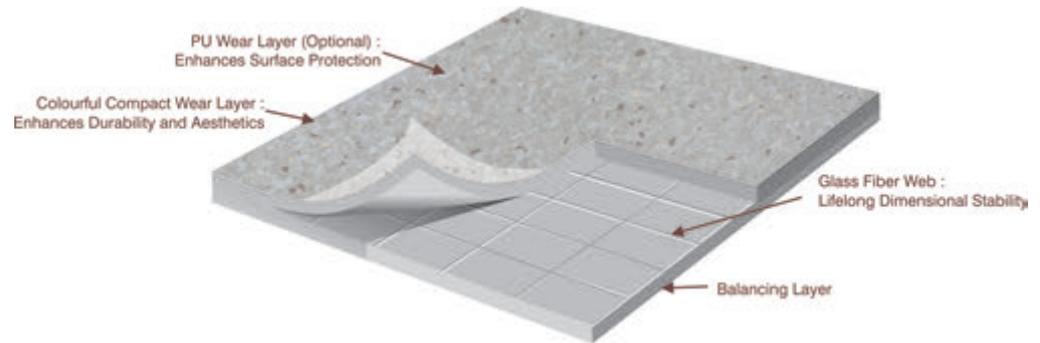
Twilight Zone  
MW2301

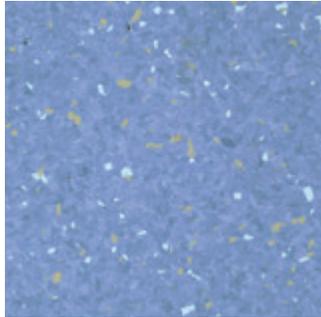




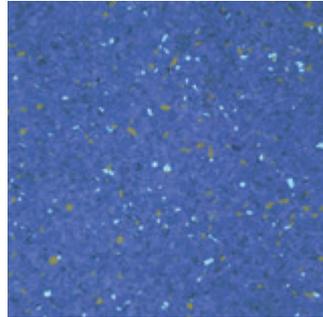
# ACCORD

- 1 mm homogenous wear layer with compact sombre color particles throughout the thickness for enhanced durability
- PU coating (optional) for easy and low cost maintenance
- Excellent resistance to scratches, abrasion, soiling and staining
- Glass fibre scrim for dimensional stability





Blue Lagoon  
AC2251



Blueberry Rush  
AC2252



Icy Chill  
AC2253



Thundercloud  
AC2254



Swiss Coffee  
AC2255



Lime Delight  
AC2256



Tango  
AC2257



Green Tea  
AC2258

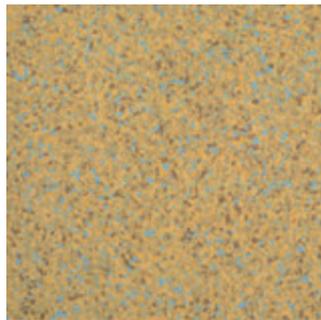
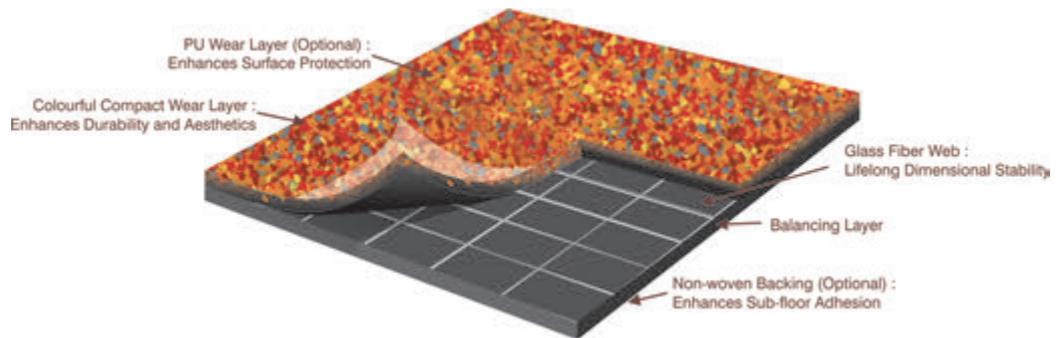


Due to limitations of colour printing actual samples may vary slightly from printed shades



# SYMPHONY

- Symphony has a well-orchestrated ensemble of chips that flows in mesmerising patterns
- 1 mm homogenous wear layer with compact vibrant color particles throughout the thickness for enhanced durability
- PU coating (optional) for easy and low cost maintenance
- Excellent resistance to scratches, abrasion, soiling and staining
- Glass fibre scrim for dimensional stability



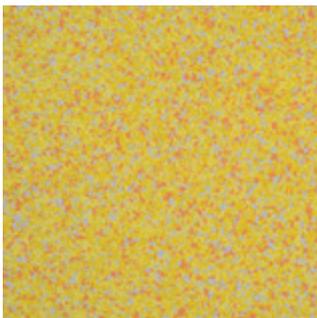
Jonquil  
SY2411



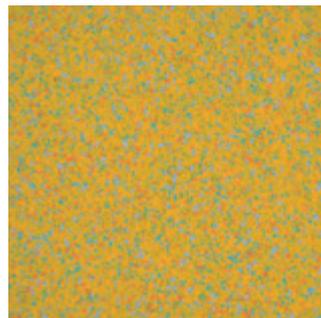
Oriental Pearl  
SY2412



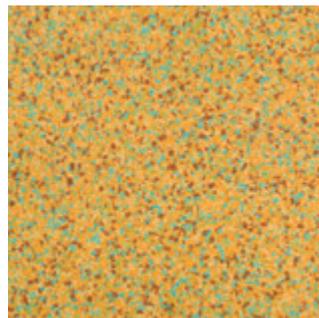
Wander Lust  
SY2413



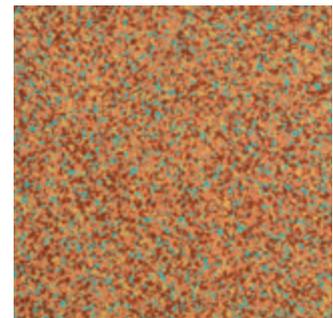
Good Luck  
SY2401



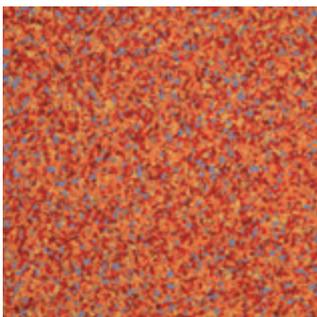
Butterfly  
SY2415



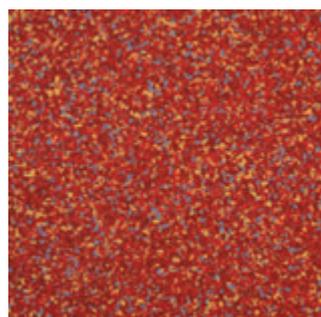
Lion's Mane  
SY2402



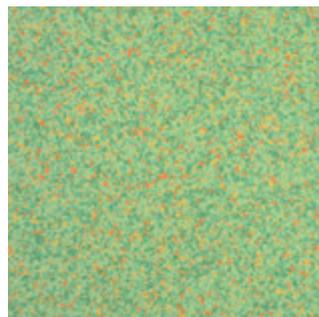
Prosperity  
SY2407



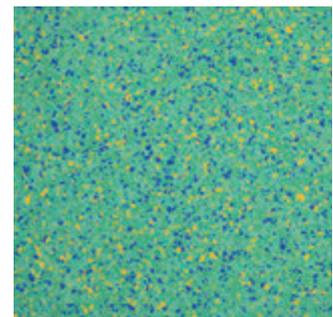
Medallion  
SY2410



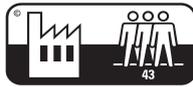
Castle Red  
SY2409



Jungle Green  
SY2406



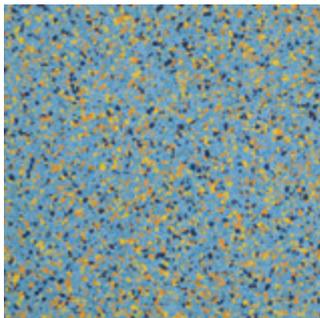
Parakeet  
SY2405



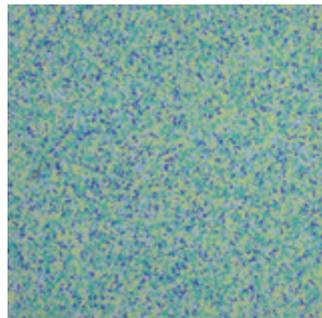
2MM

1MM

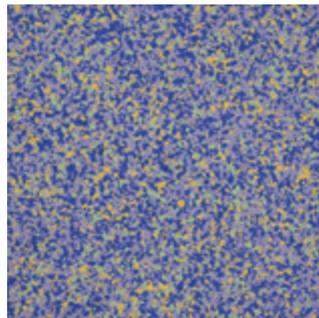
2mtr WIDTH



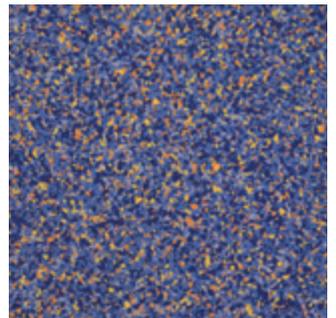
Electric Blue  
SY2403



Angelica  
SY2408



Blue Chip  
SY2414

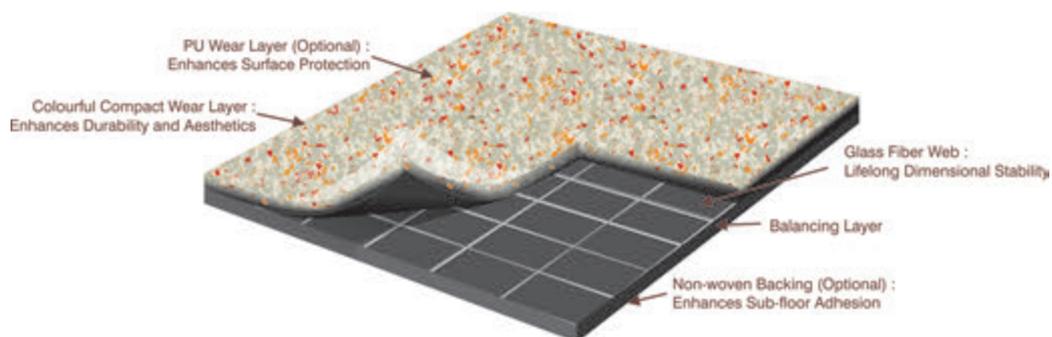


Royalty  
SY2404



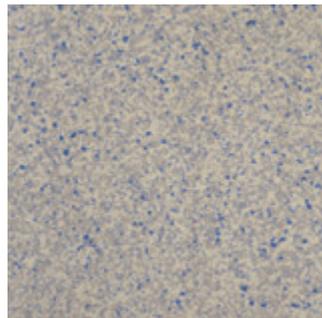
## STARTREK

- 1 mm homogenous wear layer with compact sombre color particles throughout the thickness for enhanced durability
- PU coating (optional) for easy and low cost maintenance
- Excellent resistance to scratches, abrasion, soiling and staining
- Glass fibre scrim for dimensional stability





Tiffany  
SK2505



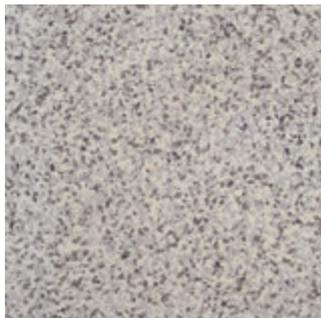
Splash  
SK2630



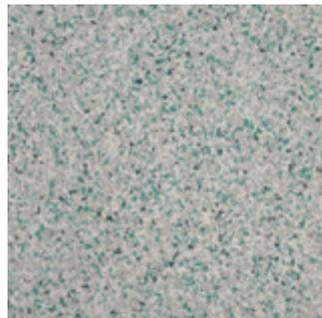
Mocha Mousse  
SK2501



Walnut Shell  
SK2507



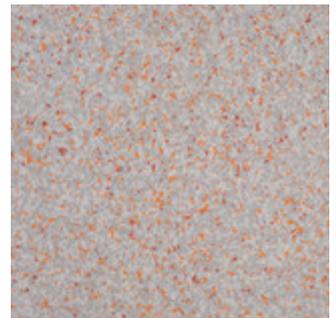
Silver Lining  
SK2502



Amazon  
SK2506



Sunrise  
SK2509



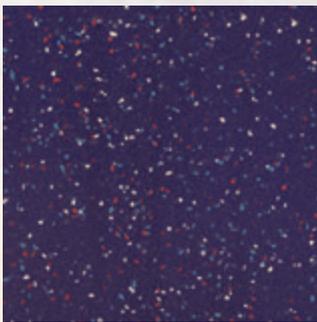
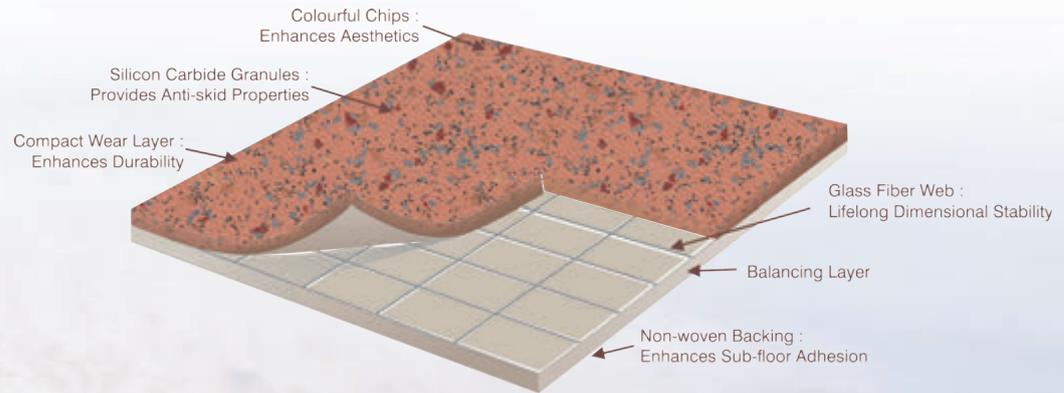
Orange Spark  
SK2508

Due to limitations of colour printing actual samples may vary slightly from printed shades

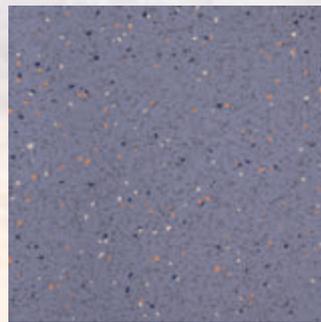


# SONATA

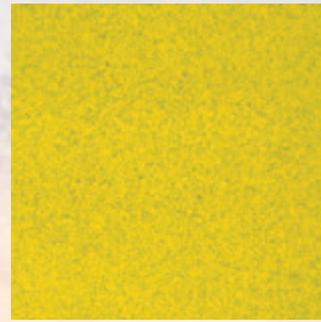
- Sonata is the perfect solution for the discerning bus and coach builders and fleet owners who want flooring to be utmost safe yet aesthetically pleasing
- 1 mm homogenous wear layer provides long-life slip resistance with a deep inlay of silicon carbide granules and color chips
- Excellent resistance to scratches, abrasion, soiling and staining
- Glass fibre scrim for dimensional stability
- Non-woven backing enhances sub-floor adhesion



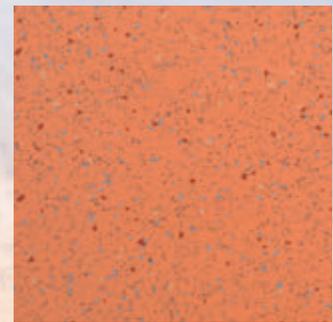
Navy Blue  
ST2032



Light Blue  
ST2152



Alert Yellow  
ST2011

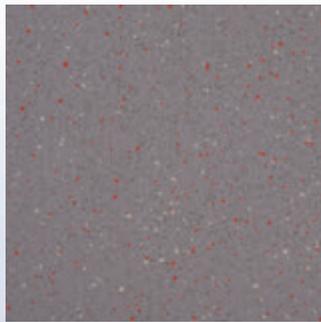


Earthen Brown  
ST2151

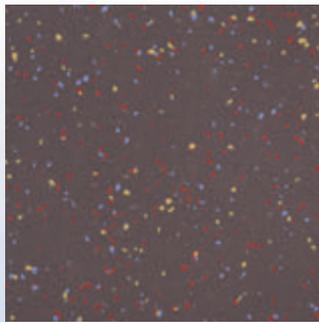




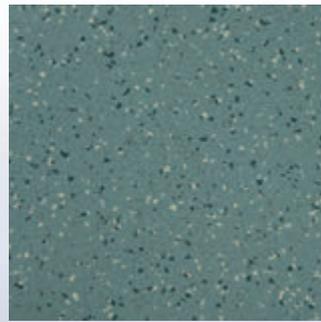
Korunde Grey  
ST2201



Grey  
ST2002



Dark Grey  
ST2147



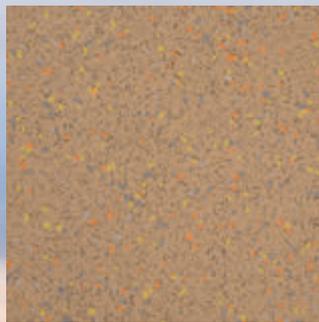
Green  
ST2041



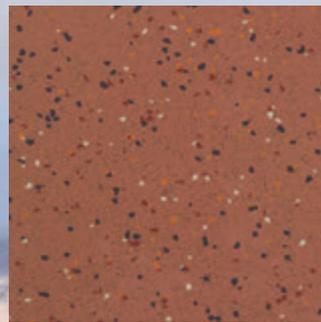
Beige  
ST2047



Rustic Brown  
ST3000



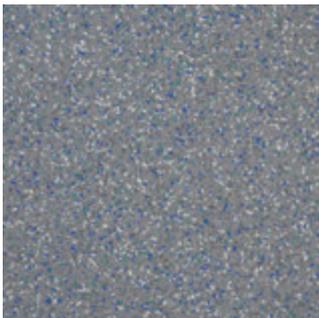
Craft Brown  
ST2073



Terracotta  
ST2957



Due to limitations of colour printing actual samples may vary slightly from printed shades



Electricity  
RU2621



Blue Pottery  
RU2620



Tidal Wave  
RU2626

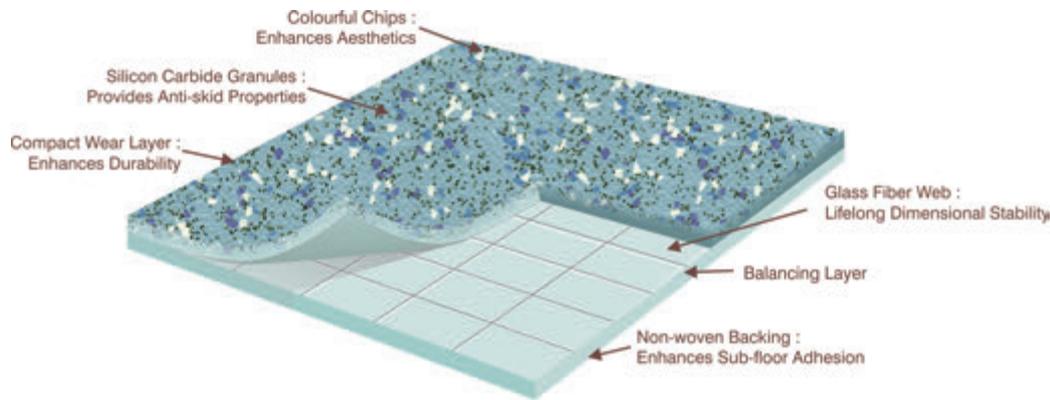


Mystic Green  
RU2624

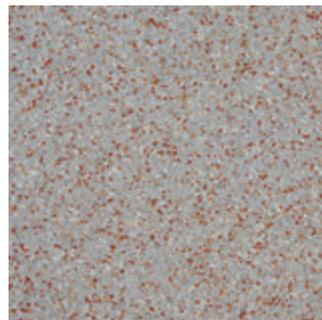


# SUPREMA RS

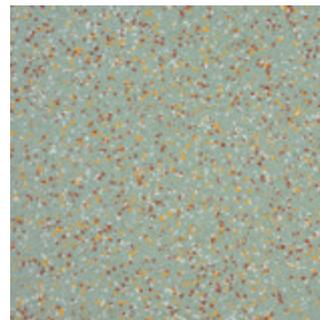
- 1 mm homogenous wear layer provides long-life slip resistance with a deep inlay of silicon carbide granules and color chips
- Excellent resistance to scratches, abrasion, soiling and staining
- Glass fibre scrim for dimensional stability
- Non-woven backing enhances sub-floor adhesion



Pink Embrace  
RU2625



Ice Grey  
RU2627



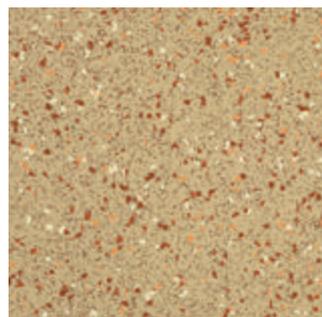
Grazing Land  
RU2629



Splash  
RU2630



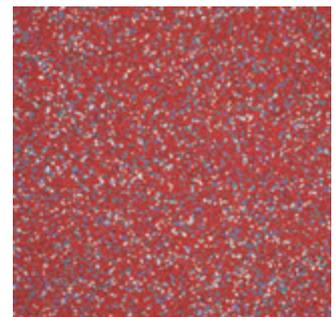
Weathered White  
RU2623



Silk Route  
RU2622



Roman Clay  
RU2628

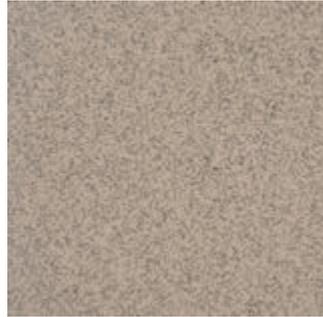


Crimson Depth  
RU2150

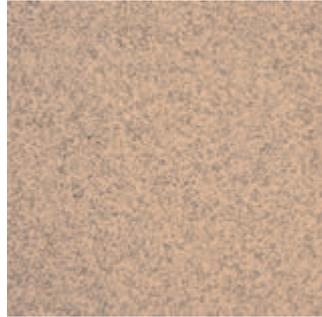
Due to limitations of colour printing actual samples may vary slightly from printed shades



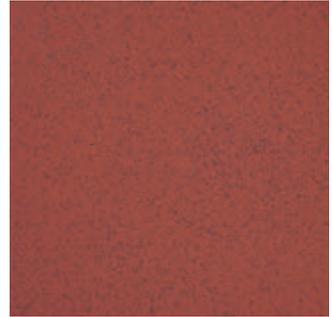
Indian Earth  
RD2606



Beige  
RD2601



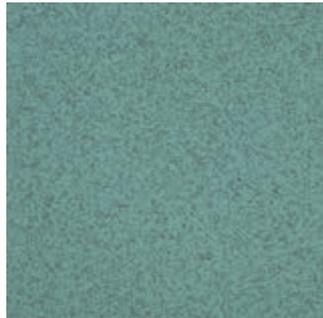
Peach Sky  
RD2605



Terracotta  
RD2612



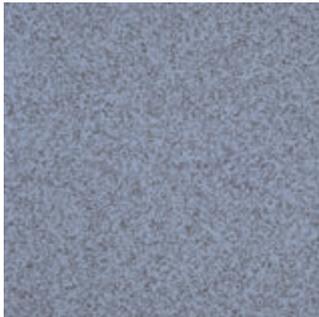
Maroon  
RD2608



Ocean Breeze  
RD2611



Rainforest  
RD2610



Winter Sea  
RD2602



Winter Moon  
RD2609



Silver Sand  
RD2604

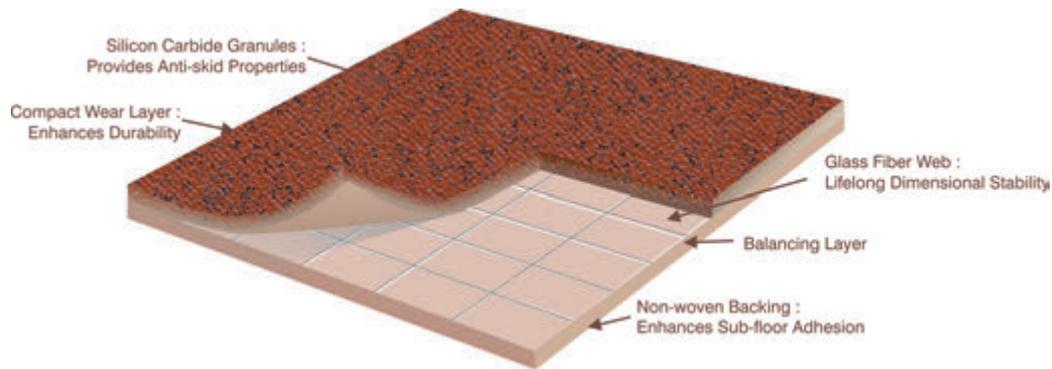


Lighting Sky  
RD2603



# STANDARD RS

- 1 mm homogenous wear layer provides long-life slip resistance with a deep inlay of silicon carbide granules
- Excellent resistance to scratches, abrasion, soiling and staining
- Glass fibre scrim for dimensional stability
- Non-woven backing enhances sub-floor adhesion (optional)

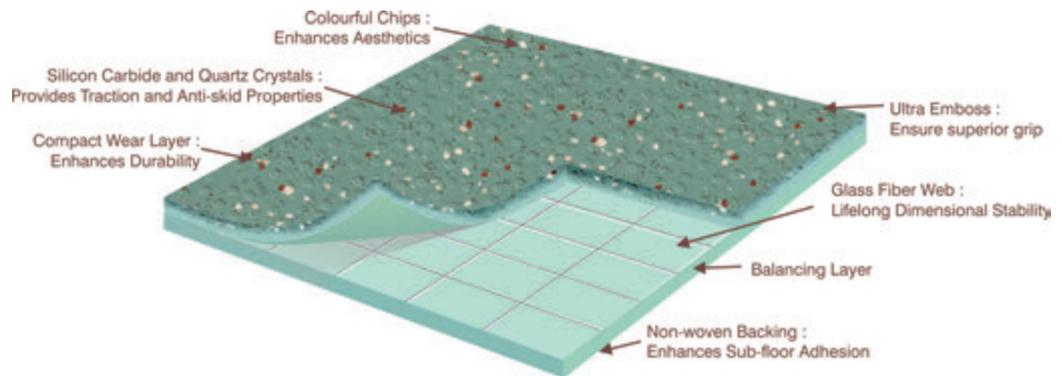


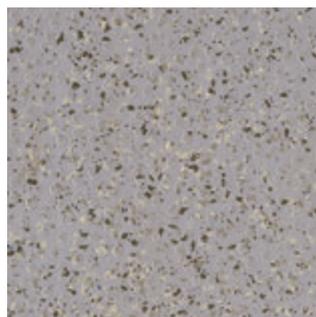
Due to limitations of colour printing actual samples may vary slightly from printed shades



# AQUA RS

- Designed for barefoot and continuous wet areas
- 1 mm homogenous Aqua pressure embossed wear layer provides R11 Antislip properties with a deep inlay of silicon carbide granules, quartz and colourful chips
- Excellent resistance to scratches, abrasion, soiling and staining
- Glass fibre scrim for dimensional stability
- Non-woven backing enhances sub-floor adhesion (optional for non wet area application)

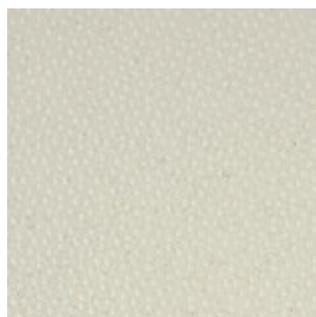




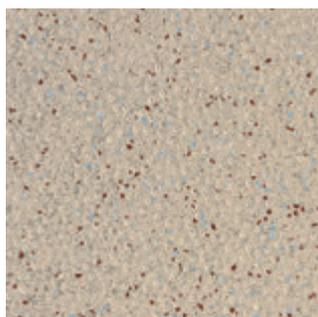
Water Vapour  
RQ2640



Deep Dive  
RQ2641



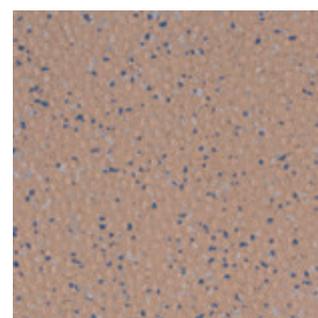
Ice Berg  
RQ2642



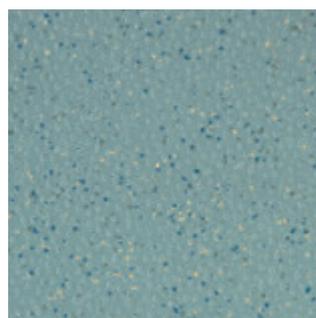
Grainy Sand  
RQ2644



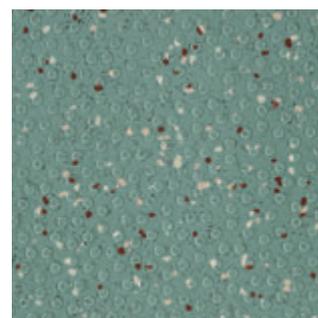
Sea Bed  
RQ2643



African Desert  
RQ2648



Rainfall  
RQ2646



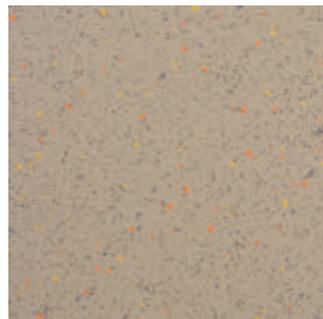
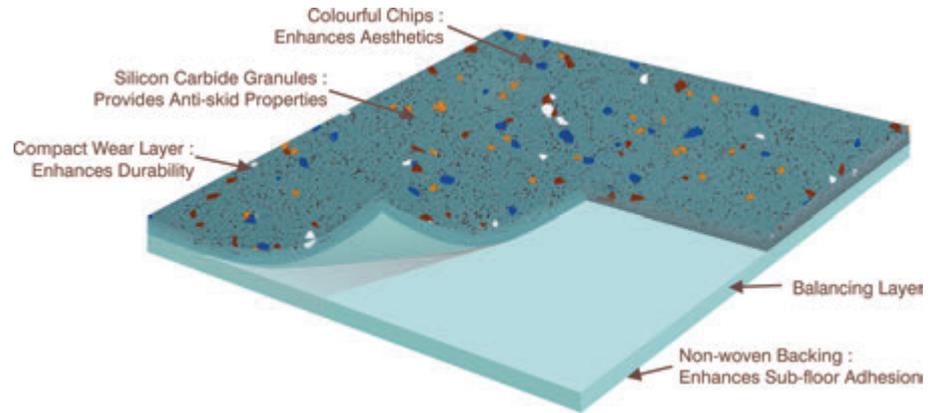
Forest Canopy  
RQ2647





# ECO PLUS V

- Ecoplus V is a Value for money transport flooring option with 500 microns wear layer with silicon carbide granules for slip resistance and colourful chips for better aesthetics
- Excellent resistance to scratches, abrasion, soiling and staining
- Non-woven backing enhances sub-floor adhesion



Beige  
EV2047



Craft Brown  
EV2073



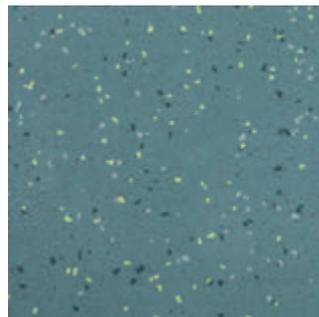
Earthen Brown  
EV2151



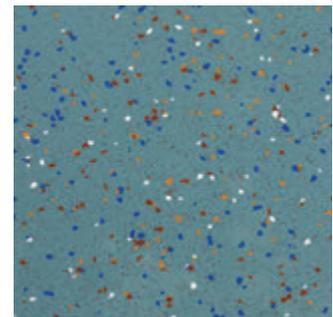
Korunde Rustic Brown  
EV2703



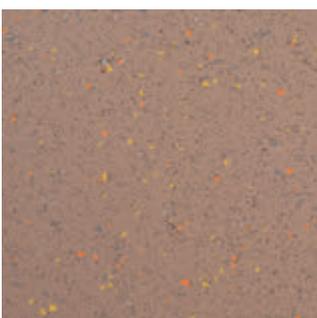
Korunde Green  
EV2707



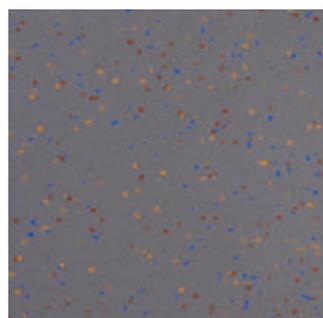
Green  
EV2041



Emerald Green  
EV2705



Rustic Brown  
EV3000



Horizon Grey  
EV2704



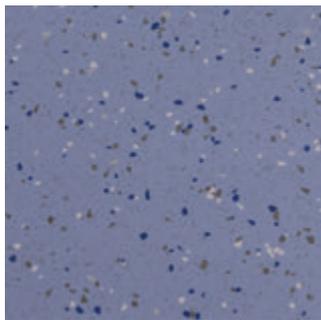
Rain Cloud  
EV2701



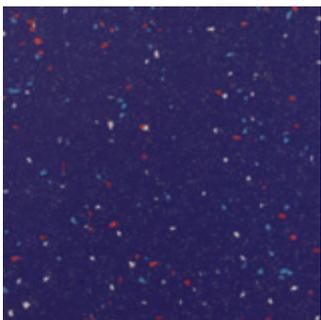
Korunde Grey  
EV2201



Korunde Blue  
EV2203



Scuba Blue  
EV2702



Navy Blue  
EV2032





# GRIPPER

- Anti-skid Vinyl Flooring option suitable for bus application, Airports, Floor mats for automobiles etc.
- Various emboss options such as Stud, Chequered, Ultra, Diamond and Football
- Available in various color options to match the various interiors
- Non woven polyester (Optional) backing qualities also available



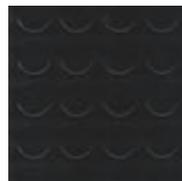
Stud Green  
KD2041



Brick Gold  
KD2099



Stud Blue  
KD2010



Stud Black  
KD2051



Stud Yellow  
KD2011



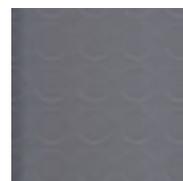
Light Grey  
KD2038



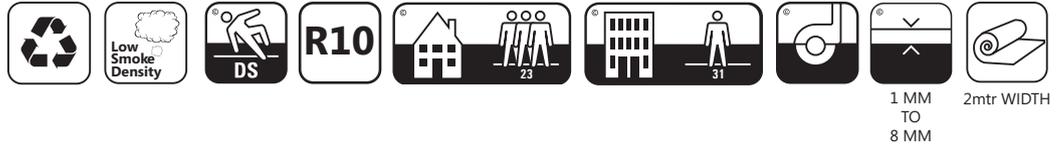
Stud White  
KD2001



Stud Ocean Blue  
KD2029



Stud Dark Grey  
KD2147



For more colour option in each emboss kindly contact



Stud Korunde Grey  
GD2201



Stud Terracotta  
GD2957



Stud Ocean Blue  
GD2202



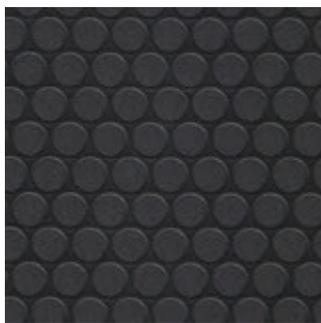
Stud Blue  
GD2203



Stud Dark Grey  
GD2204



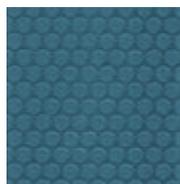
Light Grey  
GD2029



Stud Korunde Grey  
GD2201



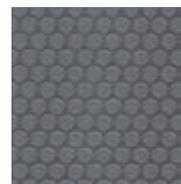
Stud Terracotta  
GD2957



Stud Ocean Blue  
GD2202



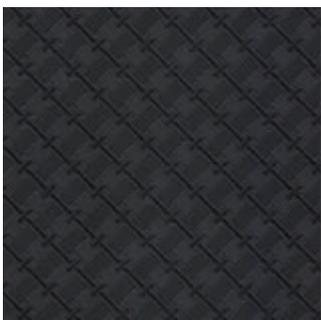
Stud Blue  
GD2203



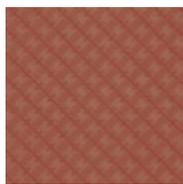
Stud Dark Grey  
GD2204



Light Grey  
GD2029



Stud Korunde Grey  
GD2201



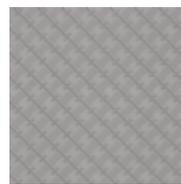
Stud Terracotta  
GD2957



Stud Ocean Blue  
GD2202



Stud Blue  
GD2203



Light Grey  
GD2204



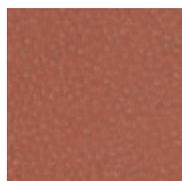
Stud White  
GD2029



Ultra Rustic Brown  
GU3000



Ultra Grey  
GU2204



Ultra Terracotta  
GU2957v



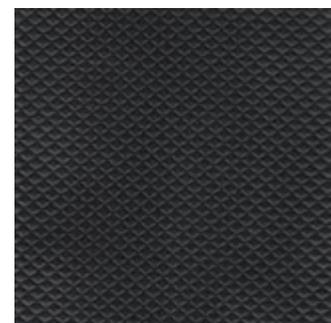
Football Craft Brown  
KF2073



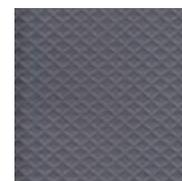
Football Dark Grey  
KF2147



Football Ocean  
Blue  
KF2147



Diamond Black  
DA2051



Diamond Dark  
Grey  
DA2147



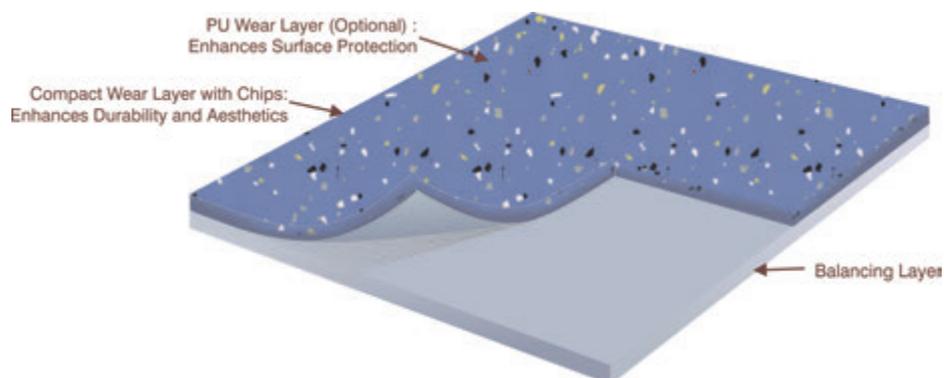
Diamond Ocean  
Blue  
DA2147

Due to limitations of colour printing actual samples may vary slightly from printed shades



# ROYAL STAR

- Colored wear layer with decorative multi-color chips to enhance the room interiors
- Modern designs in exciting colors
- Easy low-cost maintenance (PU optional)



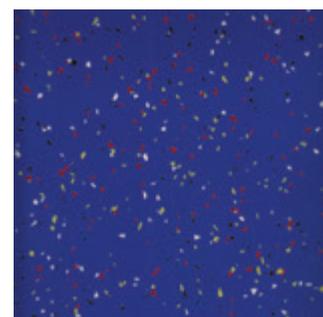
Soft Glow  
RS3114



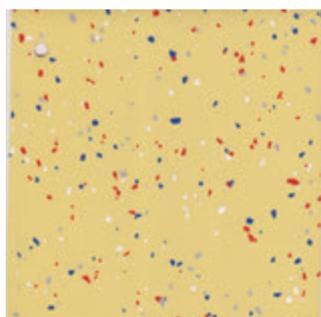
Crimson Red  
RS3100



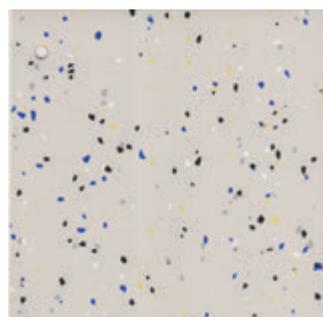
Fire Red  
RS3104



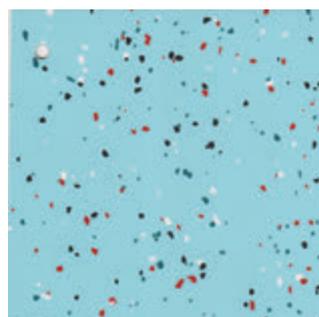
Sapphire  
RS3109



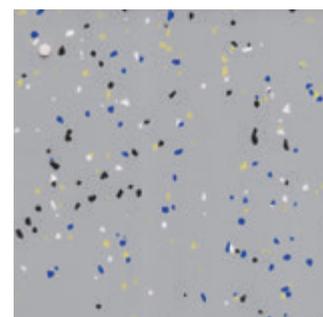
Golden Touch  
RS3105



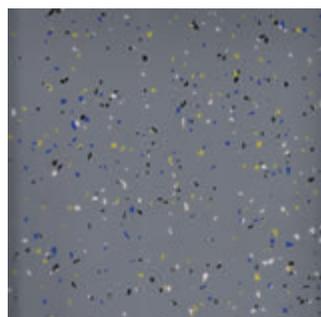
Ivory Coast  
RS3112



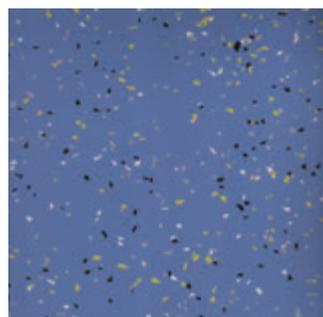
Water Rapids  
RS3116



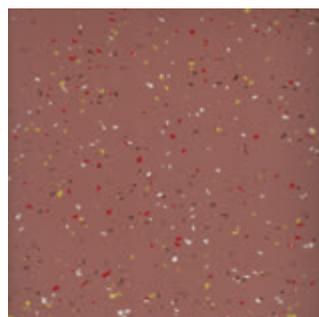
Silver Sand  
RS3107



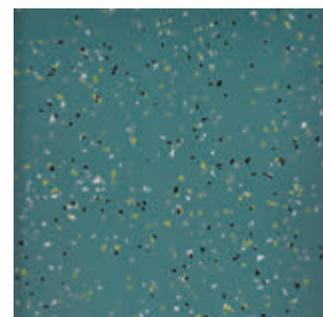
Classic Grey  
RS3108



Blue Water  
RS3110



Volcano  
RS3103



Sea Green  
RS3102



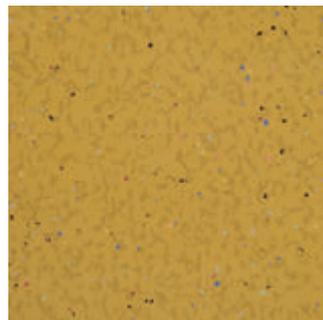


# ELEGANT

- Printed flooring with floating colourful chips adds elegance to the room décor
- Elegant comes in versatile vibrant colours



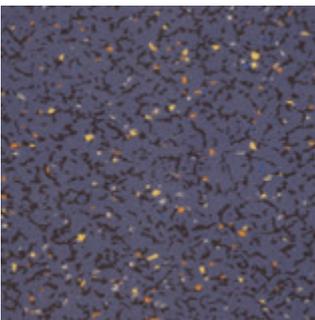
Beige  
EG2047



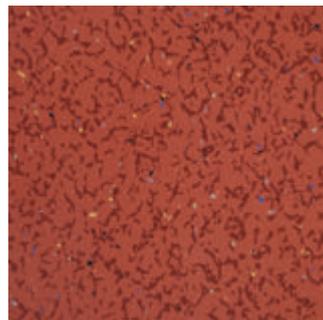
Alert Yellow  
EG2011



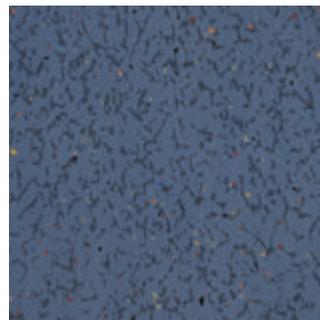
Brown  
EG2037



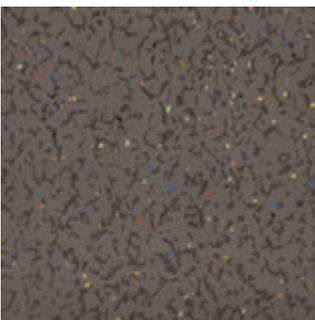
Navy Blue  
EG2032



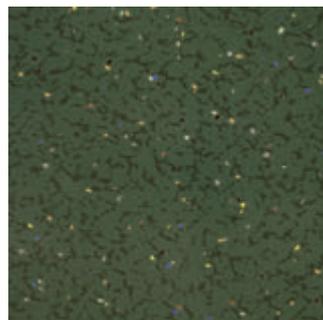
Terracotta  
EG2957



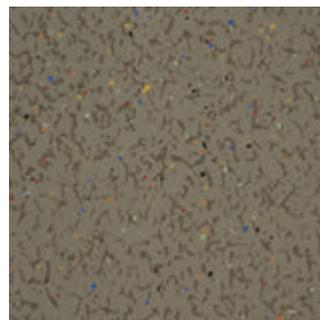
Sky Blue  
EG2031



Dark Grey  
EG2147

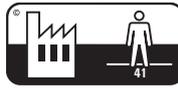


Green  
EG2041



Light Grey  
EG2958





1.5MM

0.40MM

2mtr WIDTH

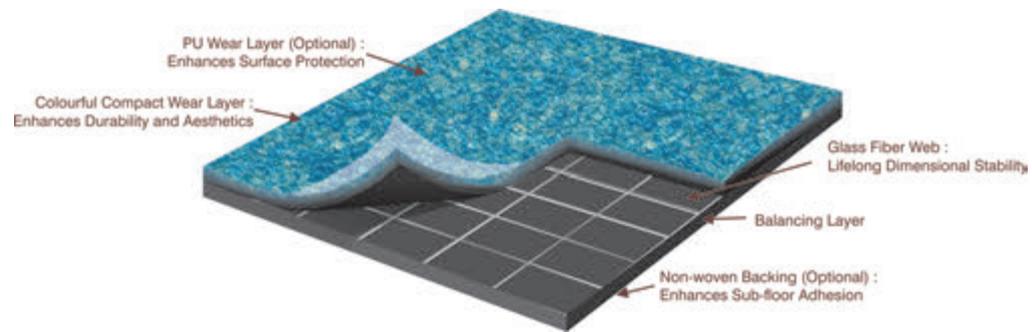


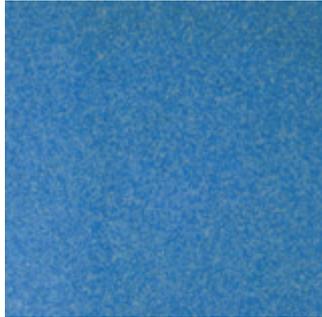
Due to limitations of colour printing actual samples may vary slightly from printed shades



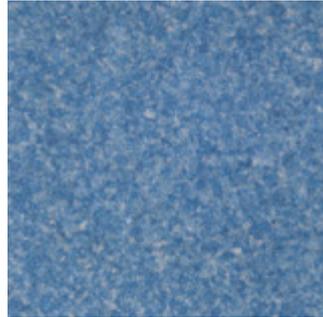
# DAZZLE

- 1 mm homogenous wear layer with compact metallic color particles throughout the thickness for enhanced durability
- PU coating (optional) for easy and low cost maintenance
- Excellent resistance to scratches, abrasion, soiling and staining
- Glass fibre scrim for dimensional stability





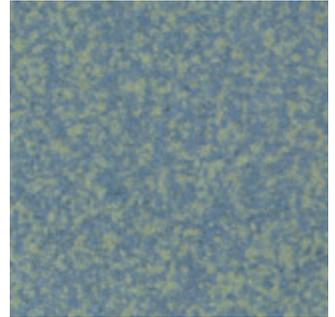
Topaz  
DZ2661



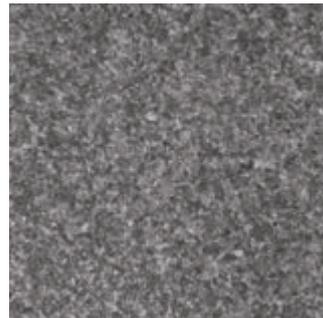
Turquoise  
DZ2662



Opal  
DZ2663



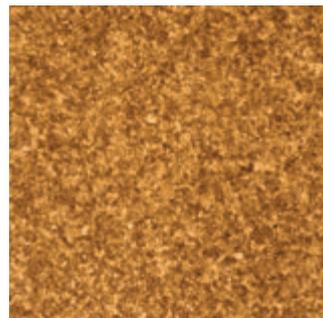
Emerald  
DZ2664



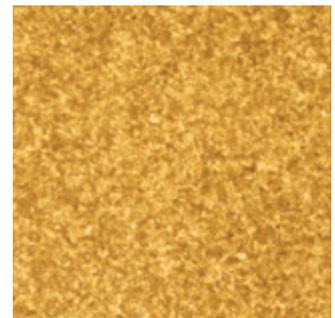
Moonstone  
DZ2665



Onyx  
DZ2666



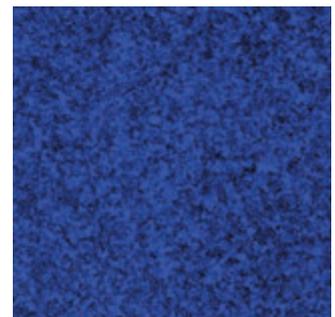
Amber  
DZ2667



Citrine  
DZ2668



Ruby  
DZ2669



Zircon  
DZ2670

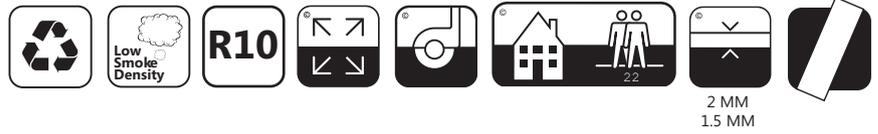
Due to limitations of colour printing actual samples may vary slightly from printed shades



# NUPLANK

- Ideal for showrooms, offices, hotel lobbies and leisure environments
- Designer collection of realistic looking wooden patterns and colors accurately replicated in PVC planks
- Available in 2 mm & 1.5 mm thickness and various dimensions





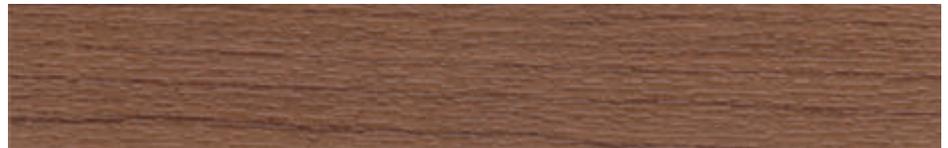
Dimensions: 6" x 36" x 2mm Per Box: 24pcs/ 35.94sqft/ 3.34sqm

Dimensions: 6" x 36" x 1.5mm Per Box: 30pcs/ 45sqft/ 4.18sqm



Aspen

Brown NU361037



Aspen

Brunt Orange NU361039



Aspen

Cream NU361013



Aspen

Dark Beige NU361008



Bartek

Black NU363051



Bartek

Brown NU363037



Bartek

Cream NU363013



Bartek

Maroon NU363026



Bartek

Natural NU363005



Bartek

Rosewood NU363050



Canary

Cream NU362013



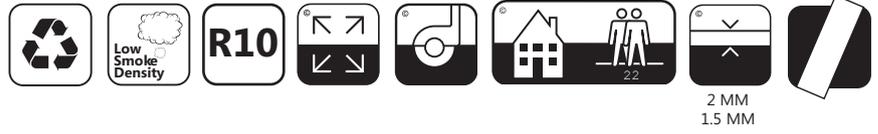
Canary

Dark Beige NU362008



Canary

Reddish Brown NU362048



Canary

Rosewood NU362050



Woody

Cream NU364013



Woody

Light Beige NU364004



Woody

Natural NU364005



Woody

Black NU364051

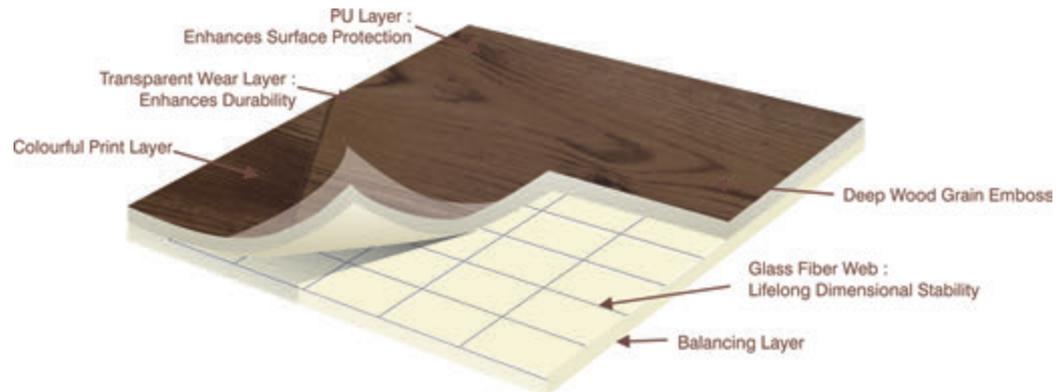


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# MAJESTY PRO

- Hardwearing Vinyl Floor covering in elegant and realistic wood designs
- 0.7 mm pure PVC transparent wear layer
- PU coating for easy and low cost maintenance
- Excellent resistance to scratches, abrasion, soiling and staining.
- Glass fibre scrim for dimensional stability
- Ideal for domestic and semi-commercial use





2MM

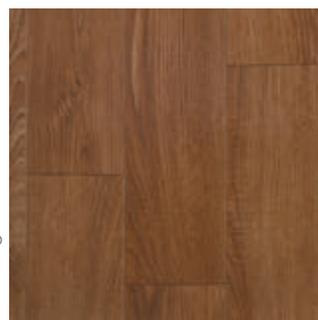
0.7MM

2mtr WIDTH



Cambridge

Beige  
MP 117047



Cambridge

Natural  
MP117005



Cambridge

Reddish Brown  
MP117048



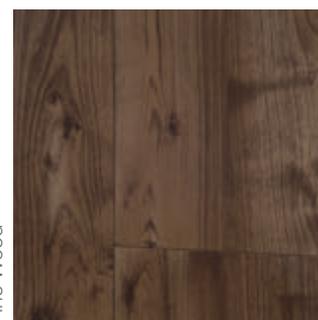
Pine Wood

Cream  
MP351013



Pine Wood

Burnt Orange  
MP351039



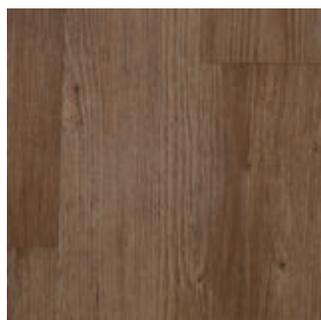
Pine Wood

CN Natural  
MP351985



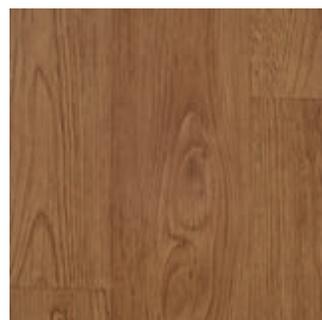
Latina

Dark Beige  
MP301008



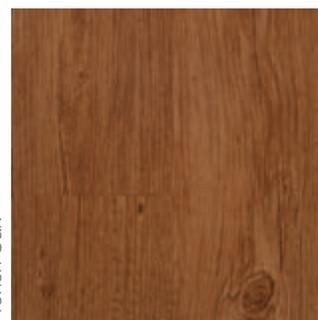
French Oak

Dark Beige  
MP305008



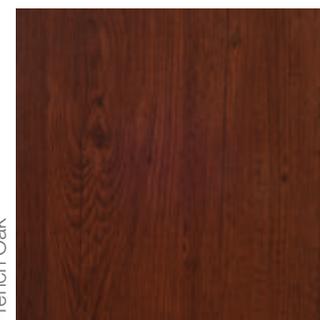
French Oak

Beige  
MP305047



French Oak

Brown  
MP305037



French Oak

C Rosewood  
MP305955



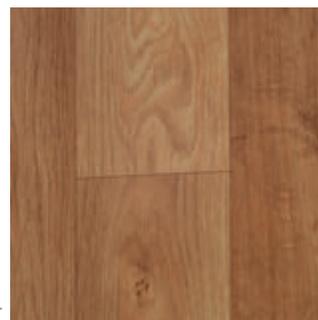
Spanish Wood

Light Beige  
MP353004



Spanish Wood

Brown  
MP353037



Spanish Wood

Burnt Orange  
MP353039



Vintage Wood

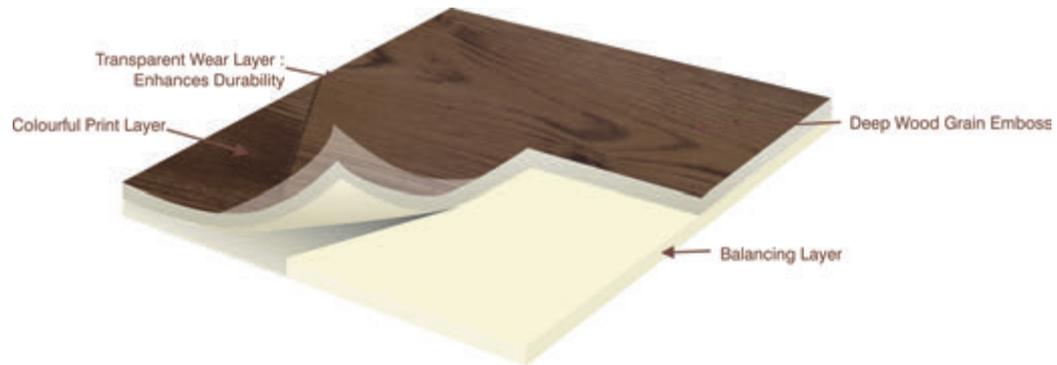
Cream  
MP303013

Due to limitations of colour printing actual samples may vary slightly from printed shades



# MAJESTY

- Hardwearing Vinyl Floor covering in elegant and realistic wood designs
- Excellent resistance to scratches, abrasion, soiling and staining.
- Ideal for showrooms, hotels and leisure environments





1.6MM

0.2MM

2mtr WIDTH

Spanish Wood



Light Beige  
MP353004

Spanish Wood



Brown  
MP353037

Spanish Wood



Burnt Orange  
MP353039

French Oak



Dark Beige  
MP305008

French Oak



Beige  
MP305047

French Oak



Brown  
MP305037

French Oak



C Rosewood  
MP305955

Cambridge



Beige  
MP 117047

Cambridge



Natural  
MP117005

Cambridge



Reddish Brown  
MP117048

Aor dimensional



Opal Grey  
MJ352002

Pine Wood



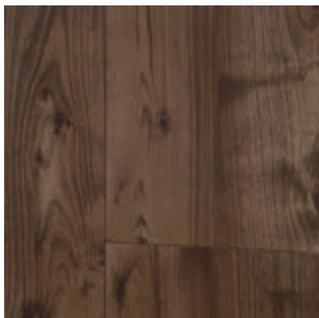
Cream  
MP351013

Pine Wood



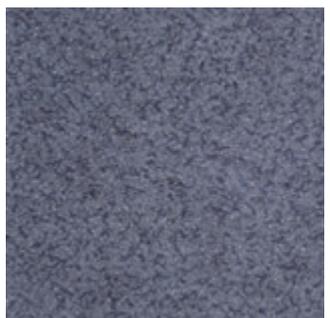
Burnt Orange  
MP351039

Pine Wood



CN Natural  
MP351985

Aor dimensional



Opal Blue  
MJ352010

Due to limitations of colour printing actual samples may vary slightly from printed shades



# ROYAL CLASSIC

- Designers collection of authentic images and colours accurately reproduced in roll form
- Ideal for hotels, residential and leisure environments



Birch Wood

Rose Wood  
RC21050



Birch Wood

Beige  
RC21047



Birch Wood

Chrome Yellow  
RC21036



Heritage

Beige  
RC22047



1.3MM

2mtr WIDTH



Western Oak



R Brown  
RC12048

Western Oak



Cream  
RC12013

Pine



Natural  
RC175005

Pine



Beige  
RC175047

Pine



R Brown  
RC175048

Pine



Dark Beige  
RC175008

Country Wood



R Brown  
RC13048

Country Wood



Natural  
RC13005

Country wood



Almond Brown  
RC13068

Willow



Cream  
RC15013

Willow



Burnt Orange  
RC15039

Forestdew



Natural  
RC26005

Forestdew



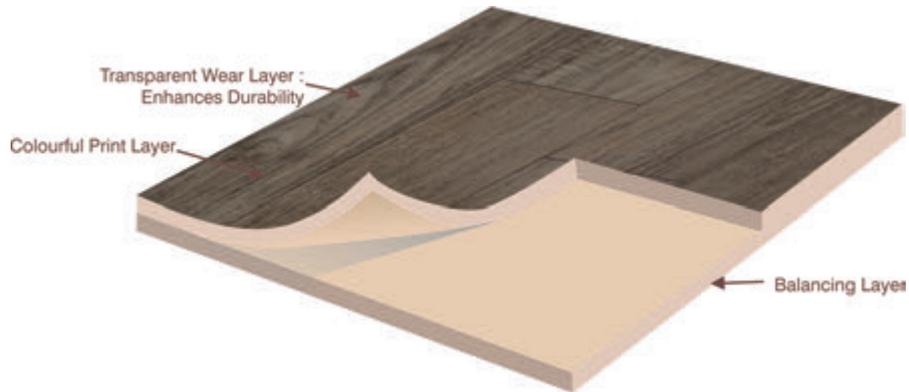
Chrome Yellow  
RC26036

Due to limitations of colour printing actual samples may vary slightly from printed shades



# OPERA

- Wooden designs in various attractive colors
- Shades and textures are combined to create stunning floor designs
- Value for money wood designs suited for residential and small shops



Platina Beige  
OP307047



Platina Blue  
OP307010



Maple Oak  
Cream  
OP306013



Maple Oak  
Natural  
OP306005



Maple Oak  
Brown  
OP306037



Maple Oak  
New Natural  
OP306985



1MM 0.125MM 2mtr WIDTH



Due to limitations of colour printing actual samples may vary slightly from printed shades



# PRINTED FLOORING

- Vast collection of over 300 references
- Designs include Floral, Wooden, Geometric shapes, Stones etc.
- Comes in various thickness ranging 0.40 mm to 0.65 mm



Wood Plank

Beige  
PR188047



Ginger Oak

C Brown  
PR14979



All Wood

Natural  
PR190005



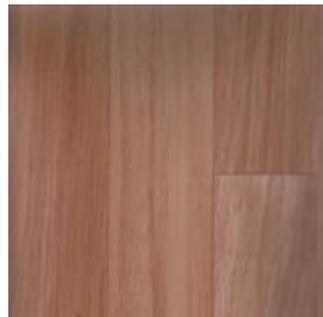
Gold Line

Cedar Natural  
PR172005



Ginger Oak

Light Beige  
PR198004



Oak

Light Brown  
PR167953



Wood

C.C.Yellow  
PR177983



Wood Decore

Ligh Beige  
PR206004



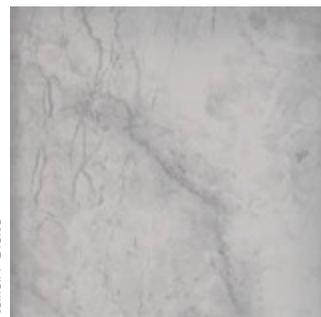
Alpine

C.C.Yellow  
PR54983



Flourance

C.C.Yellow  
PR192983



Italian Slate

Grey  
PR168002



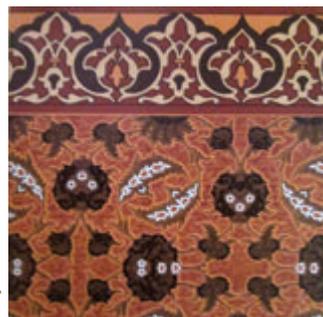
Big Slate

Beige  
PR119047



Antik

Grey  
PR203002



Royal Galicha

Brown  
PR51037



Check Mate

Black  
PR205051



Milano

Beige  
PR202047



0.65MM  
0.55MM  
0.40MM  
2mtr WIDTH

Spring



Blue  
PR60010

Ritz



Natural  
PR179005

Palace



Beige  
PR17047

New Nest



Brick Gold  
PR191099

Galicha-1



Beige  
PR166047

Wood Mark



Natural  
PR029005

Windsor



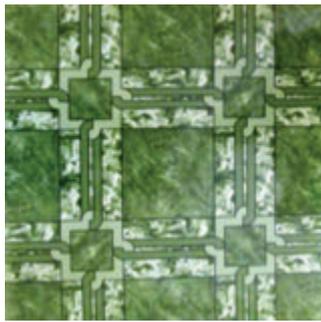
C.Rosewood  
PR151955

Lotus



Green  
PR142041

Marbela



Green  
PR041041

Chandni



C.Black  
PR196988

Decora



Beige  
PR133047

Kashmir



Cream  
PR204013

Star Wood



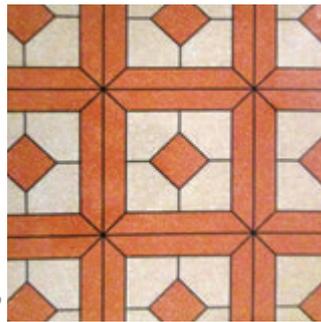
Burnt Orange  
PR032039

Sonata



C.C.Yellow  
PR94983

Agra Stone



C.C.Yellow  
PR93983

Optra



C.C.Yellow  
PR165983

Due to limitations of colour printing actual samples may vary slightly from printed shades

# TECHNICAL SPECIFICATIONS

		MIRAKLE	WALLY	TUFF	ORBIT	MOONWALK	ACCORD	
<b>Applications</b>								
	Education	■				■	■	
	Healthcare & Wet Area	■	■		■	■	■	
	Residential					■	■	
	Office Retail and Hospitality	■		■	■	■	■	
	Transport							
<b>Classification</b>								
	Commercial / Residential Use	ISO 10874/ EN 685	33		22	23	34	34
	Industrial Use	ISO 10874/ EN 685	42			31	43	43
	Abrasion Resistance	EN 660-2	Group T	Group T	Group T	Group T	Group T	Group P
<b>Technical Characteristics</b>								
	Total Thickness	ISO 24346/ EN 428	2.0 +/- 0.130 mm	1.0 mm +/- 0.100 mm	2.0 +/- 0.130 mm	2.0 +/- 0.130 mm	2.0 +/- 0.130 mm	2.0 +/- 0.130 mm
	Wear Layer Thickness	ISO 24340/ EN 429	0.550 mm	0.300 mm		0.300 mm	0.700 mm	1.0 mm
	PU Treatment		Optional	Yes	No	No	Yes	Yes
	Roll Width	ISO 24341/ EN 426	2000 mm	1500 mm	2000 mm	2000 mm	2000 mm	2000 mm
	Roll Length	ISO 24341/ EN 426	± 15 mtr.	± 20 mtr.	± 15 mtr.	± 15 mtr.	± 15 mtr.	± 15 mtr.
	Total Weight	ISO 23997/ EN 430	3.2 kg/m2	1.5 kg/m2	3.3 kg/m2	3.1 kg/m2	3.2 kg/m2	3.0 kg/m2
<b>Technical Performances</b>								
	Dimensional Stability	ISO 23999/ EN 434	≤ 0.40 %		≤ 0.40 %	≤ 0.40 %	≤ 0.40 %	≤ 0.40 %
	Residual Indentation	ISO 24343-1/ EN 433	≤ 0.10 mm	≤ 0.10 mm	≤ 0.10 mm	≤ 0.10 mm	≤ 0.10 mm	≤ 0.10 mm
	Castor Chair Continuous Use	ISO 4918/EN 425	Suitable		Suitable	Suitable	Suitable	Suitable
	Light Fastness	ISO 105-B02	≥ 6	≥ 6	≥ 6	≥ 6	≥ 6	≥ 6
	Flexibility	ISO 24344/ EN 435	Passes	Passes	Passes	Passes	Passes	Passes
	Resistance to Chemicals	ISO 26787/ EN 423	Good resistace	Good resistace	Good resistace	Good re- sistance	Good resistace	Good resistace
	Slip Resistance	DIN 51130	R 9		R 9	R 9	R 9	R 9
	Fungi & Bacterial Resistance	EN ISO 846- A/C	Optional	Ok	Optional	Optional		Optional
	Electrical Resistance	EN 1081		1X10 <sup>10</sup> Ω		≤ 1x 10 <sup>6</sup> Ω		
	Sound absorption	ISO- 717/2	5 dB	Approx + 2 dB	5 dB	5 dB	5 dB	5 dB
	Under Floor Heating	-	Yes	Yes	Yes	Yes	Yes	Yes
	Reaction to Fire	EN 1350-1	B fl-s 1	B fl-s 1	B fl-s 1	B fl-s 1	B fl-s 1	B fl-s 1
	Body Voltage	EN 1815	≤ 2 kv		≤ 2 kv	≤ 2 kv	≤ 2 kv	≤ 2 kv
	Thermal Conductivity	EN 12524	0.25W/m-K		0.25W/m-K	0.25W/m-K	0.25W/m-K	0.25W/m-K
<b>Product Page Reference Number</b>			06	08	09	10	12	14

# TECHNICAL SPECIFICATIONS

		SYMPHONY	STARTREK	SONATA	SUPREMA RS	STANDARD RS	AQUA RS	
<b>Applications</b>								
	Education	■	■					
	Healthcare & Wet Area		■				■	
	Residential							
	Office Retail and Hospitality	■	■	■	■	■	■	
	Transport			■	■	■		
<b>Classification</b>								
	Commercial / Residential Use	ISO 10874/ EN 685	34	34	34	34	34	
	Industrial Use	ISO 10874/ EN 685	43	43	43	43	43	
	Abrasion Resistance	EN 660-2	Group P					
<b>Technical Characteristics</b>								
	Total Thickness	ISO 24346/ EN 428	2.0 +/- 0.100 mm	2.0 +/- 0.100 mm	2.0 +/- 0.130 mm	2.0 +/- 0.100 mm	2.0 +/- 0.100 mm	
	Wear Layer Thickness	ISO 24340/ EN 429	1.0 mm					
	PU Treatment	...	Optional	Optional	No	No	No	
	Roll Width	ISO 24341/ EN 426	2000 mm					
	Roll Length	ISO 24341/ EN 426	± 15 mtr.	± 15 mtr.	± 15 mtr.	± 20 mtr.	± 20 mtr.	
	Total Weight	ISO 23997/ EN 430	3.2 kg/m <sup>2</sup>	3.2 kg/m <sup>2</sup>	2.8 kg/m <sup>2</sup>	2.8 kg/m <sup>2</sup>	2.8 kg/m <sup>2</sup>	
<b>Technical Performances</b>								
	Dimensional Stability	ISO 23999/ EN 434	≤ 0.40 %	≤ 0.40 %	≤ 0.25 %	≤ 0.40 %	≤ 0.40 %	
	Residual Indentation	ISO 24343-1/ EN 433	≤ 0.10 mm					
	Castor Chair Continuous Use	ISO 4918/EN 425	Suitable	Suitable	Suitable	Suitable	Suitable	
	Light Fastness	ISO 105-B02	≥ 6	≥ 6	≥ 6	≥ 6	≥ 6	
	Flexibility	ISO 24344/ EN 435	Passes	Passes	Passes	Passes	Passes	
	Resistance to Chemicals	ISO 26787/ EN 423	Good resistance	Good re- sistance	Good resistance	Good resistance	Good resistance	
	Slip Resistance	DIN 51130	R 9	R 9	R 10	R 10	R 11	
	Fungi & Bacterial Resistance	EN ISO 846- A/C						
	Electrical Resistance	EN 1081						
	Sound absorption	ISO- 717/2	5 dB					
	Under Floor Heating	-	Yes	Yes	Yes	Yes	Yes	
	Reaction to Fire	EN 1350-1	B fl-s 1					
	Body Voltage	EN 1815	≤ 2 kv					
	Thermal Conductivity	EN 12524	0.25W/m-K	0.25W/m-K	0.25W/m-K	0.25W/m-K	0.25W/m-K	
<b>Product Page Reference Number</b>			16	18	20	22	24	26

# TECHNICAL SPECIFICATIONS

		ECO-PLUS V	GRIPPER	ROYAL STAR	ELEGANT	DAZZLE	NUPLANK	
<b>Applications</b>								
	Education			■	■	■	■	
	Healthcare & Wet Area			■		■	■	
	Residential			■	■	■	■	
	Office Retail and Hospitality	■		■	■	■	■	
	Transport	■	■					
<b>Classification</b>								
	Commercial / Residential Use	ISO 10874/ EN 685	32	23	23	32	34	22
	Industrial Use	ISO 10874/ EN 685	41	31	31	41	43	
	Abrasion Resistance	EN 660-2	Group P	Group T	Group T	Group T	Group P	Group T
<b>Technical Characteristics</b>								
	Total Thickness	ISO 24346/ EN 428	1.5 +/- 0.100 mm	1.5 +/- 0.100 mm	2.0 +/- 0.130 mm	1.5 +/- 0.130 mm	2.0 +/- 0.130 mm	2 +/- 0.130 mm
	Wear Layer Thickness	ISO 24340/ EN 429	0.500 mm	0.300 mm	0.350 mm	0.400 mm	1.0 mm	0.200 mm
	PU Treatment	...	No	No	No	No	Optional	Optional
	Roll Width	ISO 24341/ EN 426	2000 mm	2000 mm	2000 mm	2000 mm	2000 mm	
	Roll Length	ISO 24341/ EN 426	± 15 mtr.	± 15 mtr.	± 15 mtr.	± 15 mtr.	± 15 mtr.	
	Total Weight	ISO 23997/ EN 430	2.5 kg/m <sup>2</sup>	2.6 kg/m <sup>2</sup>	3.5 kg/m <sup>2</sup>	2.45 kg/m <sup>2</sup>	3.0 kg/m <sup>2</sup>	3.5 kg/m <sup>2</sup>
<b>Technical Performances</b>								
	Dimensional Stability	ISO 23999/ EN 434	≤ 0.40 %	≤ 0.40 %	≤ 0.40 %		≤ 0.40 %	≤ 0.40 %
	Residual Indentation	ISO 24343-1/ EN 433	≤ 0.10 mm	≤ 0.10 mm	≤ 0.10 mm	≤ 0.10 mm	≤ 0.10 mm	≤ 0.10 mm
	Castor Chair Continuous Use	ISO 4918/EN 425	Suitable	Suitable	Suitable	Suitable	Suitable	Suitable
	Light Fastness	ISO 105-B02	≥ 6	≥ 6	≥ 6	≥ 6	≥ 6	≥ 6
	Flexibility	ISO 24344/ EN 435	Passes	Passes	Passes	Passes	Passes	Passes
	Resistance to Chemicals	ISO 26787/ EN 423	Good re- sistance	Good resistance	Good resistance	Good resistance	Good resistance	Good resistance
	Slip Resistance	DIN 51130	R 10	R 10	R 9	R 9	R 9	R 9
	Fungi & Bacterial Resistance	EN ISO 846- A/C			Optional		Optional	
	Electrical Resistance	EN 1081						
	Sound absorption	ISO- 717/2	5 dB	5 dB	5 dB	5 dB	5 dB	5 dB
	Under Floor Heating	-	Yes	Yes	Yes	Yes	Yes	Yes
	Reaction to Fire	EN 1350-1	B fl-s 1	B fl-s 1	B fl-s 1	B fl-s 1	B fl-s 1	B fl-s 1
	Body Voltage	EN 1815	≤ 2 kv	≤ 2 kv	≤ 2 kv	≤ 2 kv	≤ 2 kv	≤ 2 kv
	Thermal Conductivity	EN 12524	0.25W/m-K	0.25W/m-K	0.25W/m-K	0.25W/m-K	0.25W/m-K	0.25W/m-K
<b>Product Page Reference Number</b>			28	30	32	34	36	38

		MAJESTY PRO	MAJESTY	ROYAL CLASSIC	OPERA	PRINTED FLOORING
<b>Applications</b>						
	Education					
	Healthcare & Wet Area					
	Residential	■	■	■	■	■
	Office Retail and Hospitality	■		■		
	Transport					
<b>Classification</b>						
	Commercial / Residential Use	ISO 10874/ EN 685	34	22	22	21
	Industrial Use	ISO 10874/ EN 685	43			
	Abrasion Resistance	EN 660-2	Group T	Group T	Group T	Group T
<b>Technical Characteristics</b>						
	Total Thickness	ISO 24346/ EN 428	2.0 +/- 0.130 mm	1.6 +/- 0.130 mm	1.3 +/- 0.130 mm	1.0 +/- 0.100 mm
	Wear Layer Thickness	ISO 24340/ EN 429	0.700 mm	0.200 mm	0.150 mm	0.125 mm
	PU Treatment	...	Yes	No	No	No
	Roll Width	ISO 24341/ EN 426	2000 mm	2000 mm	2000 mm	2000 mm
	Roll Length	ISO 24341/ EN 426	± 15 mtr.	± 20 mtr.	± 20 mtr.	± 20 mtr.
	Total Weight	ISO 23997/ EN 430	3.4 kg/m2	2.7 kg/m2	2.2 kg/m2	1.7 kg/m2
<b>Technical Performances</b>						
	Dimensional Stability	ISO 23999/ EN 434	≤ 0.40 %			
	Residual Indentation	ISO 24343-1/ EN 433	≤ 0.10 mm	≤ 0.10 mm	≤ 0.10 mm	≤ 0.10 mm
	Castor Chair Continuous Use	ISO 4918/EN 425	Suitable	Suitable	Suitable	Suitable
	Light Fastness	ISO 105-B02	≥ 6	≥ 6	≥ 6	≥ 6
	Flexibility	ISO 24344/ EN 435	Passes	Passes	Passes	Passes
	Resistance to Chemicals	ISO 26787/ EN 423	Good resistace	Good resistace	Good resistace	Good resistace
	Slip Resistance	DIN 51130	R 10	R 10	R 9	R 9
	Fungi & Bacterial Resistance	EN ISO 846- A/C				
	Electrical Resistance	EN 1081				
	Sound absorption	ISO- 717/2	5 dB	5 dB	5 dB	5 dB
	Under Floor Heating	-	Yes	Yes	Yes	Yes
	Reaction to Fire	EN 1350-1	B fl-s 1	B fl-s 1	B fl-s 1	B fl-s 1
	Body Voltage	EN 1815	≤ 2 kv	≤ 2 kv	≤ 2 kv	≤ 2 kv
	Thermal Conductivity	EN 12524	0.25W/m-K	0.25W/m-K	0.25W/m-K	0.25W/m-K
<b>Product Page Reference Number</b>			42	44	46	48

# INSTALLATION PROCEDURES FOR RESILIENT VINYL FLOORING

## A) Before Installation

Firstly ensure you have the necessary tools including:

- A sharp knife (hooked blade is generally safer than a straight blade for long cuts)
- A soft brush
- A long metal ruler or straight edge
- A tape measure

Before installation, it is ideal if the floor can be laid flat and left for 48 hours at a room temperature of +25°C. This will make the floor more flexible and easier to handle.

## B) The Subfloor and its preparation

Imperfections in the subfloor will affect the final appearance and performance of Vinyl flooring. Basic requirements:

### • For ALL floors

Subfloors must be uniformly levelled, clean and free from grit, dust, grease, oil, polish, old adhesive and paint. It is essential that the subfloor is dry. Dampness can cause discolouration to the flooring. Damp floors will also not allow the floor covering to paste properly on the floors and the adhesion will not be strong, which will also effect life of the floor covering.

### • For concrete floors

Use a leveling compound if the surface is uneven, rough or cracked. It is usual to apply 3-6mm of leveling compound to produce the desired level of smoothness. Many leveling compounds can also be found in DIY stores and hardware stores across the globe, which are good for use with Vinyl Flooring.

### • Quarry or Ceramic tiles

Follow the basic requirements above for concrete floors. Any loose or broken tiles should be removed and the floor patched with a suitable concrete batch before using a latex leveling compound to fill the joints between the tiles to create a smooth surface.

### • Existing smooth flooring

Remove all existing vinyl, linoleum, cork flooring and adhesive residual if any. Floor should be properly cleaned of dirt and grit and should be dry.

## C) Applying Adhesive and Installing the Floor

1. Lay the floor in position
2. Fold back half of the floor.
3. Using a notched trowel, apply adhesive to the subfloor
4. Let the adhesive sit according to instruction. The "open time" will allow the adhesive to achieve its best hold.

We recommend Black/ Dk.Brown colour solvent based glue which is manufactured by Pidilite India. This solvent based glue works as contact cement and has to be applied on the subfloor and on the bottom layer of the PVC flooring also. This application should be very uniform. After the application of glue it is required to leave adhesive to dry for a few minutes before pasting on the subfloor. However, a white colour acrylic and water based glue which is used in most of the countries is also good for use and unlike contact cement should be applied only on the subfloor.

5. Carefully lay the floor back in place and press firmly
6. Repeat steps 1-5 for the other half of the floor. Clean excess adhesive from your vinyl
7. Roll the new floor from inside to outside with a flooring roller to finish bonding the vinyl to the subfloor. Roll firmly over the entire floor.
8. Replace moulding. Plane the door if necessary and re-hang.
9. Clean any adhesive residue left on the floor, but do not wash the floor for 3 days (or whatever the manufacturer recommends). Excessive moisture at this time can affect the adhesive bond.
10. Do not use the floor for 48 hours after installation. The adhesive needs this time to dry and bond.
11. After 48 hours, return furniture. A sheet of plywood can be placed on floor to roll or slide large objects. Moving furniture and appliances back into place is the most common cause of damage to new flooring.

#### **D) Thermo Welding**

Company highly recommends to thermo weld joints of the rolls. This is done by using Hot Air Gun and Welding Cords. The Welding Cords are supplied by the company.

Procedure is as follows:-

- The joint area of laid floor is slightly grooved to accommodate approx.  $\frac{3}{4}$  diameter of the Welding Cord.
- The Welding Cord is then slowly laid with the help of a laying roller which guides the Welding Cords in the groove. With the other hand the nozzle of Hot Air Gun, with temperature at approx. 160°C to 170°C, is positioned along with the Welding cord. The Hot Air helps the Welding cord to merge with the joint of the flooring.
- With the help of cutting tool, the excess welding cord jutting out of the joint is scraped to bring the material in equal level to the flooring.
- The Welding of joints helps to achieve impervious, joint-less flooring and hence no dirt or bacteria can accumulate in the flooring joints and also helps maintain dimensional stability.

#### **E) PVC Planks – Nuplank Laying recommendations**

Requirement: A measuring Tape, metal ruler, a knife/ cutter and a Pencil.

Procedure:

1. It is very important like the resilient flooring above to acclimate the floor covering planks to the room conditions and therefore it is suggested to store the flooring in open condition in the room to be installed for 48 hours minimum at room temperature.
2. The laying should start from the center of the room. Centre point should be identified and the First Plank should be installed pointing towards the side/s of the room.
3. The next plank can be placed adjacent to the First plank starting from  $\frac{1}{2}$  the length of the First Plank and taken to the side wall. Similar pattern should be followed for the rest of the room.
4. The plank should be cut to size at the wall.

#### **HOW TO MAINTAIN VINYL FLOORINGS**

For the first 48 hours after your new vinyl floor is installed

- Keep the room at 25°C or greater for at least 2 days after installation. This allows the adhesives to setup properly.
- Do not roll heavy objects directly on to a newly installed vinyl floor for at least 5 days. This can cause the vinyl and adhesive to become compressed, and once the adhesive sets up any compressed marks will become permanent.
- Allow 5 days before thoroughly cleaning your floor. This will give the adhesive time to cure.
- Lay a piece of plywood down before moving heavy objects. Before moving heavy objects across your vinyl floor, hold on! Always lay plywood or underlayment sheets down to disperse the weight.
- Check the condition of rollers and castors before use. Before placing chairs or furniture on your new vinyl floor check

the condition of all the casters or rollers before setting them on your floor. Replace any worn castors or rollers.

- Protect your vinyl floor by covering the legs of furniture with felt protectors. Otherwise, damaging dents that cannot be repaired will scar your floor
- Remove dust, sand and grit particles. Do this by frequently by sweeping or vacuuming your vinyl floor.
- Don't use a vacuum with a beater bar. It may scratch your floor. The attachments that come with your vacuum are useful to clean the edges or to get to hard to reach areas. When sweeping or vacuuming does not remove the dirt, mop the floor with clean warm water.
- Mop the floor thoroughly with fresh water after cleaning. If water alone does not clean the surface, use cleaning products recommended. We recommend mopping with soft soap solution added to water.
- Place non-staining, walk-off mats or rugs at every outside entry to your room. Think prevention. This will help keep sand and grit from being tracked on to your floor.
- Be sure to avoid using rubber-backed mats or rugs. They can damage and potentially discolor your floor over a period of time.
- For spots or spills, wipe them up immediately. Also, use a clean cloth to wipe the cleaner onto the floor. Rinse the spot or spill area thoroughly and wipe dry with a clean cloth.
- Avoid using abrasive scrubbing tools. They will leave scratches.
- For garage applications: If oil spills of any type are left on the floor for a long time, they may leave a permanent mark on the floor
- For Garage applications: Salt and screed from the streets, during the winters, may cause discolouration / scratches to the floor covering.
- For Garage applications: In case vehicle are left standing at one place for several days it may lead to discolouration of flooring at the point of contact of rubber tyres with PVC and it will also leave tyre marks on the flooring.





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