

BBL
build better life



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BBL
build better life

— VINYL FLOORING —
DISCOVER THE NEW TECHNOLOGY

VINYL

FLOORING

Build Better Life



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VISION

To be the most honorable company in the home building materials industry.

MISSION

Create a healthy and beautiful life worldwide

VALUE

Be faithful
Be hardworking and thrifty
Be modest and prudent
Be innovative



Established in 1991, Jiangsu BBL Home Technology Company Limited (also known as BBL) is located in Changzhou, Jiangsu province, a professional manufacturer of Vinyl Flooring, Laminate Flooring as well as Engineered wood flooring. We have more than 31 years of experience in construction materials and have a good reputation in this field. Our products have been exported more than 128 countries worldwide.



We have implemented a strict and complete quality control system, which ensures that each product can best meet customers' quality requirements. Besides, all of our products have been strictly inspected before shipment. We have attained ISO9001:2008 certification for our management system and we are now using Lean Manufacturing System to improve our efficiency of internal management.



In 2010, BBL set up "Product Research and Developing Department". Jointly with Nanjing Forestry University, BBL has established "BBL Floor Engineering Technology Research and Developing Center". Every 3 days, one new color will be created by this center. This center will develop any new flooring color based on different market's flooring style requirement.



We will insist on our business concept, which is "Following the market need, based on professional marketing, guaranteed by the credible service" to build BBL as a professional brand and providing satisfactory products and service to clients all over the world. BBL will commit to make "BBL" brand as a world wide known brand both in the international and domestic market for various building materials.





BBL288-2



Exclusive Designs

- Patent protected. All the designs are inspired from customers' requirements.



100%
Virgin
Materials

We use best plasticizer DOTP and 100% virgin material



VOC FREE

Environmentally

-No VOC, No Toxin, EO, We use one of the best plasticizer DOTP. We have passed certification of Floorscore, Green Guard Gold and Eurofin's Indoor Air Quality Comfort.



Prevent Termite

-This material is effective to anti termite



Bio

-Based plasticizer is made from 100% organic raw materials.



100%
water Proof

Water Proof

- When exposed to water, planks will not swell, buckle or lose integrity.



anti
MICROBIAL

Anti-microbial

-Good in hospitals and schools as well as in kid's nursery rooms.



CLIC
Locking System

Locking system

-With 20 years of experiences in profiling. We have the easiest locking system to ensure the strongest pulling strength.

BBL
VINYL FLOORS ADVANTAGE



PRO'S AND CON'S OF BBL PRODUCT COMPARE WITH OTHER FLOORS

| BBL PRODUCTS | | | | | | | | OTHER PRODUCTS | | |
|--------------------------|----------------------------------|---------------------|-----------|----------------------|----------------------------|-----------|-----------|----------------|---------------------------|------------------|
| Features\ Product | Composite Vinyl Floor | Vinyl Locking | Loose lay | Vinyl Plank-dry back | Diamond Vinyl SPC Flooring | Woven LVT | MSPC | Ceramic | Locking LVT with HDF core | Engineered Floor |
| Materials Cost | Gold | 50%Gold & 50%Silver | Gold | Bronze | Gold | Silver | Gold | Silver | 50%Gold & 50%Silver | Diamond |
| Cost for installation | Bronze | Silver | Bronze | Gold | Silver | Gold | Silver | Gold | Silver | Gold |
| Waterproof | Excellent | Excellent | Excellent | Good | Good | Good | Good | Excellent | Not Good | Not Good |
| Easy to install | Excellent | Good | Excellent | Not Good | Excellent | Not Good | Excellent | Not Good | Good | Not Good |
| Easy for replacement | Not Good | Good | Excellent | Not Good | Excellent | Good | Excellent | Not Good | Not Good | Not Good |
| Quiet performance | Excellent with Cork underlayment | Good | Excellent | Good | Good | Good | Good | Not Good | Not Good | Not Good |
| Environmentally friendly | Excellent | Excellent | Excellent | Excellent | Good | Excellent | Good | Excellent | Not Good | Not Good |
| Reuse | Good | Not Good | Excellent | Not Good | Not Good | Not Good | Not Good | Not Good | Good | Good |
| Recycleble after use | Not Good | Good | Good | Good | Excellent | Good | Good | Not Good | Not Good | Not Good |

| CHARACTERISTICS | STANDARDS | | | |
|---------------------------------------|--|---|------------------------|-------------|
| | EN | Result | ASTM | Result |
| Size | EN 427 | Pass | ASTM F536 | Pass |
| Overall Thickness | EN428 | Pass | ASTM F386 | Pass |
| Wear Layer Thickness | EN429 | Pass | ASTM F410 | Pass |
| Dimension Squareness and Straightness | EN427 | Pass Squareness:0.18mm Straightness:0.07mm | | |
| Chemical Resistance | EN423 | Pass | ASTM F925, ASTM F1344 | Pass |
| Colour Fastness to Artificial Light | EN20105:B02 Method A | Pass, ≥Grade 6 | ASTM F1515 | Pass |
| Heat Stability by Color Change | | | ASTM F1514 | Pass |
| Castor Chair Suitability | EN425 | Pass | | |
| Residual Indentation | EN433 | Pass,0.06mm | ASTM F1914, ASTM F970 | Pass |
| Abrasion Group | EN660-1/2 | Group T | ASTM F510, ASTM D3384 | Pass |
| Impact Resistance | | | ASTM F1265, ASTM D2632 | Pass |
| Dimensional Stability | EN434 | Pass | ASTM F2199 | Pass, 0.1% |
| Sound Reduction | ENISO717-2(ΔLw) | 2 dB | | |
| Flexibility | EN435 Method A | Pass | ASTM F137 | Pass |
| Slip Resistance | EN13893 | Class DS | ASTM D2047-93 | Pass |
| Electrical Resistance | EN1081 Method C | Pass | ASTM F150-06 | Pass |
| Thermal Resistance | EN12664 | Pass | | |
| Toxic Element Test | EN71-3 | Pass. Not toxic. Does not contain heavy metal and formaldehyde | | |
| Behaviour to Fire | ENISO11925-2 EN13501-1 EN ISO 9239-1 | Bf1-S1 | ASTM E648-06 | Pass/Class1 |
| Smoke Density | | | ASTM E662 | Pass,<450 |

BBL
TECHNICAL DATA



DRY BACK

BBL Vinyl Plank is a very classic series in vinyl floor family, comes in different specifications and large selections ! Looks and feels like real wood, feel the knots! Warm comfort and quiet under foot. Water-proof. Perfect in high moisture areas, basements, kitchens, and bathrooms.



| | |
|-----------|---|
| Size | 942 x 157mm, 1227 x 157mm, 1227 x 187mm 1227 x 235mm, 1508 x 233mm |
| Thickness | 2mm, 2.5mm, 3mm |
| Wearlayer | 0.1-1.0mm |

- UV-coating
- Glue Down



ANY ROOM AT,
BELOW OR ABOVE GROUND LEVEL



BATHROOM FRIENDLY



PROTECTION



100% WATERPROOF



WARM TO THE TOUCH



ANTI SLIP

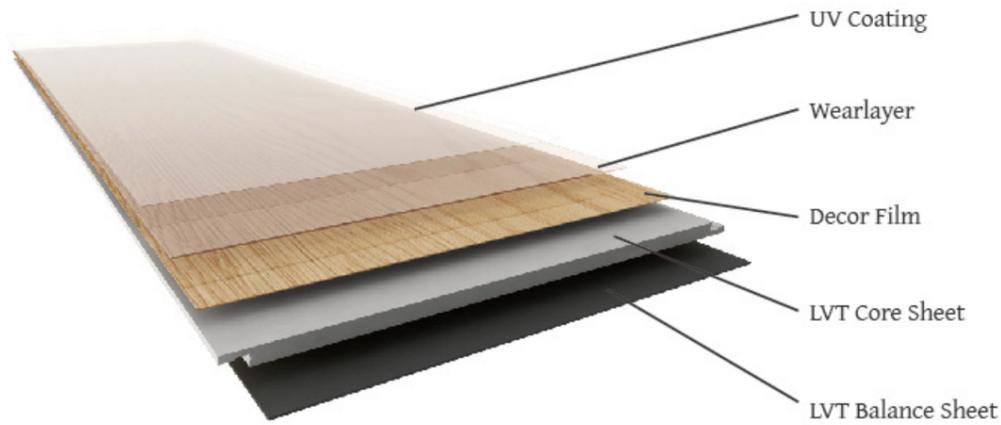


EASY CLEAN

BBL928L-6

VINYL LOCKING

BBL Vinyl Locking series combines beautiful and realistic wood and tile patterns with easy locking system. Durable and water-proof, this is a high-end resilient flooring. We provide a vast array of options of colors for your choices. It's suitable to be used at kitchen and bathroom.



| | |
|-----------|---|
| Size | 936 x 150mm, 1220 x 150mm, 1220 x 180mm 1220 x 228mm, 1500 x 228mm |
| Thickness | 3.2mm, 4.2mm, 5.0mm |
| Wearlayer | 0.1-1.0mm |

- UV-coating
- Easy & Strengthened locking system



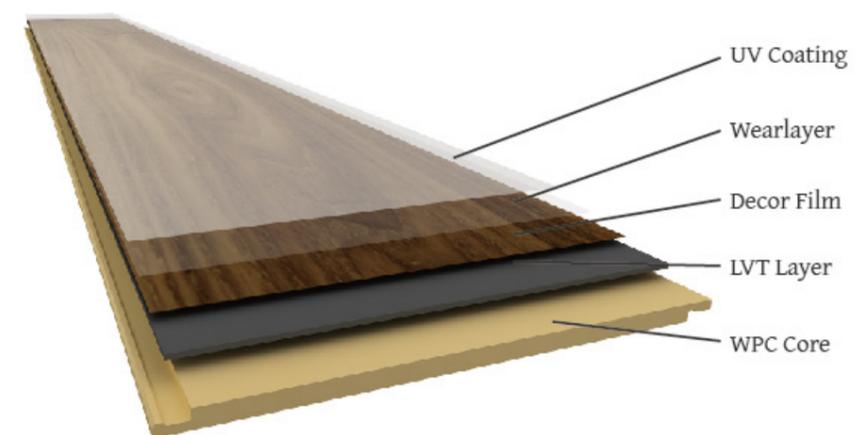
BBL930L-8



ENGINEERED VINYL PLANK

Composite Vinyl Floors combines the resilience of LVT and stability of composite vinyl core, with very easy click system, inherit the waterproof feature from LVT and WPC, as stable as laminate floor. Cork attachment is available to attain a fantastic quiet effect.

This is a very high end product, more environmentally friendly than laminate floor, as resilient as LVT, waterproof, easy for installation. It's suitable to be used for commercial and residential areas.



| | |
|-----------|--|
| Size | 1217 x 146mm, 1217 x 178mm, 1500 x 225mm 932 x 146mm, 1803 x 225mm, 596 x 296mm |
| Thickness | 5.5mm, 6mm, 6.5mm, 7.5mm |
| Wearlayer | 0.3-1.0mm |

- UV-coating
- EVA & IXPE & Cork attachment available
- Easy & strengthened locking system

ADVANTAGES

- Water proof, will not swell when exposed to water.
- Easy-to-install with glueless click system.
- Minimal floor prep.
- No need to acclimate the floor.
- Perfect foot-sense (for product with attachment).

BBL908-10



CANADIAN PATENT : 2, 939, 954

WHAT IS BBL DIAMOND FLOORING?

BBL Diamond SPC flooring is an upgrade and improvement of LVT and WPC that is manufactured with a rigid stone plastic composite (SPC) core. It is high density core allows it to have greater indentation resistance and dimensional stability than other luxury vinyl.

BBL Diamond flooring is also enhanced with protective polyurethane allowing it to resist scratches and dents. And the product is formaldehyde free, making for a completely safe flooring solution for both residential and public environments.

DIAMOND SPC

- UV Coating
- Wear Layer
 - Excessive wear protection
- Decor film
 - Wide color selection
- SPC core
 - Waterproof core made of highly durable SPC
 - Density of 2000KGS/M3
 - Strong locking system
- Foam Underlayment (optional)
 - Advanced sound reduction
 - Added comfort

NEW & IMPROVED

| | |
|-----------|---|
| Size | 936 x 150mm, 1220 x 150mm, 1220 x 180mm, 1220 x 228mm, 1500 x 228mm, 1800 x 228mm |
| Thickness | 3.2mm, 4.2mm, 5.0mm, 6mm, 7mm, 8mm |
| Wearlayer | 0.1-1.0mm |

• UV-coating • EVA & IXPE & Cork attachment available • Easy & strengthened locking system

GREENGUARD
CHOICE OF GREEN BUILDING
CERTIFICATION

floor score
CERTIFIED BY
FCS Global Services

ISO

ANY ROOM AT,
BELOW OR ABOVE GROUND LEVEL

BATHROOM FRIENDLY

CLICK SYSTEM

UV PROTECTION

100% WATERPROOF

WARM TO THE TOUCH

ANTI SLIP

EASY CLEAN

Redefine the Grace of Matt

Gra-Matt™

There is a light that is not glaring, but can perfectly reflect the details and texture. There is a light that extracts inspiration from nature, but can perfectly show low-key luxury and refined taste.

This is **Super Matt technology** - showing the most comfortable and natural visual effect.



As the creator of better life, BBL keenly captured the trend of stylish and practical flooring. Thus Gra-Matt™ was born. BBL's Gra-Matt™ makes the floor surface noble and elegant, giving you a feeling of comfortable & warm. Gra-Matt™ fully improves the value of normal flooring, and redefines the new value of home.

BBL's Gra-Matt™'s valuable features :

✧ Avoid "Light pollution"

BBL Gra-Matt™ floor gives an excellent super matt effect and avoids glare on the eyes.

☀ Super Matt Gloss Consistance

Natural & well balanced & constant gloss level in different view angles-in the front of or against the light to avoid complaint about gloss difference .

🌳 Natural & Authentic feeling of wood

BBL Gra-Matt™ makes the floor visually closer to real wood, avoiding the plastic feeling brought by high glossy. It brings a sense of comfort, warmth and elegance.

👣 Skin-touch Feeling & Skin-friendly

With a smooth and tender touch, you can enjoy a comfortable feet feeling even walking barefoot.

🧪 Chemical Permeation Resistance

The dense protective layer effectively prevent chemical solvent permeation, such as iodine liquor, mercurochrome, acetone, nitric acid(16mol/L), hydrochloric acid(12mol/L), sulphuric acid(12mol/L), 30% hydrogen peroxide, bleaching agents, chloroform, lubricating oil, toluene... Leaves no traces on the surface after wiping.



Gra-Matt™ Ultra

— Advanced Performance for Option

Stable structure together with excellent ability of stain-resistance and Anti-micro-scratch also shows superior performance than ever before.

🐾 Super Anti-micro-scratch & Wear-resistance

Most reassuring Anti-micro-scratch & Wear-resistance performance, perfect for pet owners whose pets frequently come back with muddy paws from a morning walk. Make claw marks a thing of the past. As well, it is good for commercial area in high traffic.

🧼 Super Anti-Fingerprints & Stain-resistance

Difficult to clean stains? Choose Gra-Matt™ Ultra, stress-free clean up away and no visible fingerprints after touching. Daily maintenance will be as easy as a pie.

🛡️ Anti-microbial

Active protection against bacterial and fungi effectively offer you a safety life and ensure all-round well-being.



| Test items | Test method | Regular UV Coating | Anti-Bacterial Coating | Aluminium Oxide & Ceramic Bead Coating | SP-Super Anti-needle-scratching & Anti-Stain Coating | SPP-Super Anti-micro-scratching & Anti-Stain Coating | Gra-Matt Coating | Gra-Matt Ultra Coating |
|--|---|--------------------|------------------------|--|--|--|------------------|------------------------|
| Wearlayer Thickness (mm) | EN426 | 0.5mm | 0.5mm | 0.5mm | 0.5mm | 0.5mm | 0.5mm | 0.5mm |
| Wear Resistance (r) | EN13329 | ≥4800 | ≥4800 | ≥4800 | ≥4800 | ≥4800 | ≥4800 | 5600 |
| Gloss Level (°) | GB/T17657 | 5-7 | 5-7 | 5-7 | 5-7 | 5-7 | 2.0-2.5 | 2.0-2.5 |
| Needle Scratch Resistance (g) | ISO1518 | 2300 | 2300 | 2300 | 2800 | 2300 | 2300 | 2300 |
| Micro-Scratch-Martindale Pilling Tester /Test Weight 4N | EN16094 | B2-B3 | B2-B3 | B2 | B2-B3 | B1 | B1 | B1 |
| Micro-Scratch-Martindale Pilling Tester /Test Weight 38N | EN16094 | B4-B5 | B4-B5 | B4-B5 | B4-B5 | B2 | B2 | B1-B2 |
| Gloss Retention | EN16094 | A2 | A2 | A2 | A2 | A1 | A1 | A1 |
| Stain Resistance | EN 438-2: 2016 (The bigger Number is better) | 0 | 0 | 0 | 4 | 4 | 0 | 4 |
| Chemical Resistance -Remark 1 | EN 423 (The smaller Number is better) | 3 | 3 | 3 | 3 | 3 | 0 | 0 |
| Anti-Bacterial | ISO22196 | N | Y | N | N | N | N | Y |

Remark 1: Chemicals Such as Iodine liquor, mercurochrome, acetone, ammonia, nitric acid(16mol/L), hydrochloric acid(12mol/L), sulphuric acid(12mol/L), 30% hydrogen peroxide, bleaching agents, chloroform, lubricating oil, toluene...
Chemicals on the surfaces of Gra-Matt or Gra-Matt Ultra for 2 hours, wipe it to see the visual difference.
0-means no difference, 4-means big difference, smaller number is better.



SUPER PROTECT

Scratch Resistance & Scuff Resistance & Stain Resistance



STAIN GUARD & SCRATCH RESISTANT

IT'S NOT JUST ONE THING



Anti-Bacterial

Anti-Bacterial is also available and optional



CHILD FRIENDLY

Children's activities can often lead to the use of crayons or accidental spillages, which are no longer an issue. These can be wiped clean with a little bit of soapy water for a stress-free clean up.

PET-FRIENDLY

Perfect for pet owners whose pets frequently come back with muddy paws from a morning walk, the Super Protect range is not only pet-friendly but scratch resistant too. Make claw marks a thing of the past!



Scan the QR code to watch our product video or enter the URL (<https://www.bbllflooring.com/h-col-225.html>)



What makes End-consumer complain about SPC surfaces?

Scratch!

Micro-Scratch!

What kind of Scratch brings the real headache?

Why?

Most of the real life scenarios for scratch is **Micro-Scratch**



High-Heeled Shoes



Brooms And Mops Cleaning



Sand On Shoes



Pet Scratch



Indoor Basketball



Electric Toy Car



Furniture Movement



Chair Movement

Super Protect Plus is New Generation of regular anti-micro-scratch coating

| Coating | Martindale Pilling Tester /Test Weight (ISO12974) | Class | Martindale Pilling Tester /Test Weight (ISO12974) | Class | Conclusion |
|---|---|---------|---|-----------|-----------------|
| Super Protect Plus - Super Anti-micro-scratch coating | 4 N | Class 1 | 38N | Class 1-2 | Good-Performed |
| Regular Anti-micro-scratch coating | 4 N | Class 1 | 38N | Class 4-5 | Under-Performed |
| Regular Coating | 4 N | Class 3 | 38N | Class 5 | Under-Performed |

Super protect plus is **9 times** better than regular anti-micro-scratching coating

Remark 1: 38N test weight is more close to real life scenario

Remark 2: Class 1-2 indicates No Visible Scratching Mark

Remark 3: Class 3 indicates Clear Scratching Mark

Remark 4: Class 4-5 indicates Very Clear Scratching Mark

SUPER PROTECT PLUS



Anti-Micro-Scratch
Anti-Stian
Anti-Bacterial

Most durable performance system provides excellent and stain resistance on our *SUPER PROTECT PLUS* Floor.



Anti-Stain



Anti-Bacterial

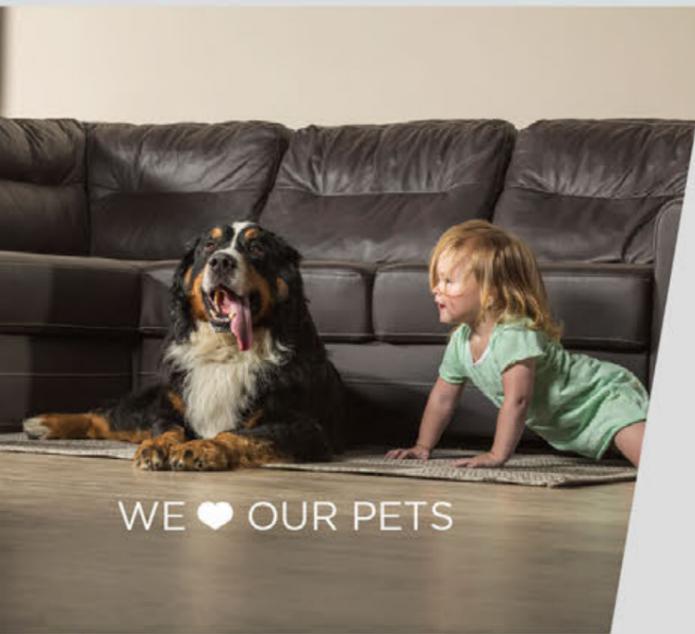
Health and safety have the highest priority of all, whether it's at home, at work or during leisure time.

With the anti-bacterial surface from Super Protect PLUS Floor, you can offer your customers safety and ensure all-round well-being.

Super Protect Plus is a super functional coating that can enhance anti-micro-scratch, stain-resistant and anti-bacterial properties, coupled with protected SPC, we can truly live and enjoy our home without worrying about the problems caused by the floor.

ESP - Extremely Super Protection Technology

Your desired **sparkling** Vinyl flooring



WE ♥ OUR PETS



PET-FRIENDLY

Perfect for pet owners whose pets frequently come back with muddy paws from a morning walk, the Super Protect range is not only pet-friendly but scratch resistant too. Make claw marks a thing of the past!



CHILD-FRIENDLY

Children's activities can often lead to the use of crayons or accidental spillages, which are no longer an issue. These can be wiped clean with a little bit of soapy water for a stress-free clean up.



WE ♥ OUR CHILDREN



WE ♥ OUR FAMILY



FAMILY-FRIENDLY

Health and safety is the highest priority of family, whether it is at home, at work or during leisure time. With the Anti-Bacterial Functional Floor from BBL, you can offer your family safety and ensure all-round well being.

| Comparison of Regular Coating, SP, SPP, ESP | | | | | | |
|---|--|------|------|-------|---------------------|-------------|
| | ESP | | SPP | SP | Regular SPC Coating | Test Method |
| Wearlay(mm) | 0.15 | 0.3 | 0.3 | 0.3 | 0.3 | ISO24346 |
| Wear-Resistance | 2200 | 6000 | 2000 | 2000 | 2000 | EN13329 |
| Needle Scratching (g) | 2600 | 2600 | 2200 | 2500 | 2000 | ISO1518-1 |
| Micro-scratching (4N) | B1 | B1 | B1 | B2-B3 | B2-B3 | EN16094-4N |
| Micro-Scratching (38N) | B1-B2 | B1 | B2 | B4-B5 | B4-B5 | 38N*50 |
| Remark 1: | SP-Super Protect-Anti-stain & Anti Needle-Scratch (Anti-Bacterial Optional) | | | | | |
| Remark 2: | SPP-Super Protect Plus-Anti-stain & Anti Micro-Scratch (Anti-Bacterial Optional) | | | | | |
| Remark 3: | ESP-Extremely Super Protect | | | | | |



Let's witness the Magic time of **sparkling floor**



Scan QR Code View Video



MSPC

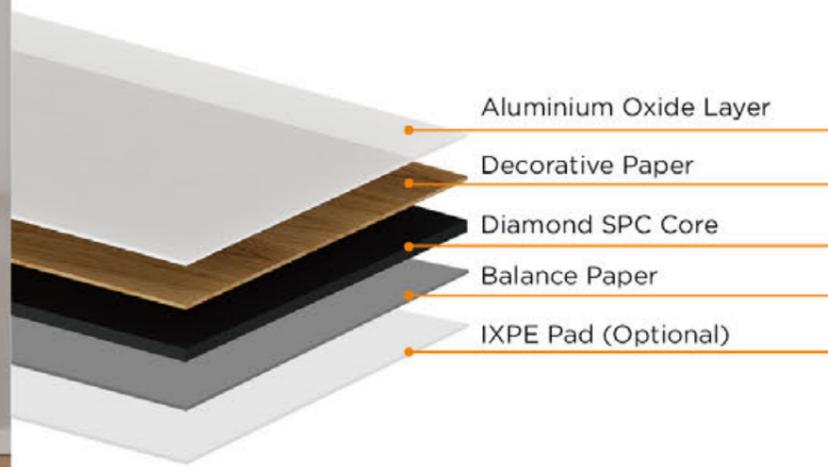
Melamine Paper on Top of SPC

Premium Anti-Scratching Rigid Core Flooring

PRODUCT OVERVIEW

It is the most durable rigid core luxury vinyl in the market! MSPC with IXPE Back looks and feels just like real wood, with the added benefit of being waterproof and highly durable. The surface resists scuffs, scratches, fading! It is kid and pet friendly, and easy to maintain by vacuum, sweeping, wet mop or residential steam mop.

That means its perfect for virtually room in the home, including kitchens, basements ! It can be easily installed over most existing floors.



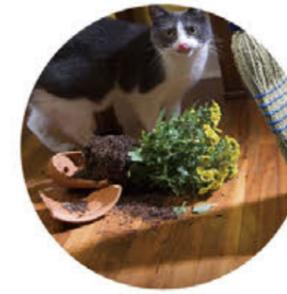
WATERPROOF

100% waterproof flooring

EXTREME DURABILITY

Extreme durability -scratch and dent resistant.

Extreme scratch-resistance with a Lifetime Residential and 5 to 10-year Commercial Warranty.



PET PROOF

Great for families with pets, this resilient flooring stands up to the busiest lifestyles because accidents happen.



STYLE MEETS PERFORMANCE

Resilient flooring featuring beautifully authentic textured wood styles.

EASY INSTALLATION

Easy floating/locking installation ,No transition moldings needed in doorways or large areas, for up to 1500 sq.ft! MSPC can be installed on, above, and below grade-level (perfect for basements!) and over most existing hard-surface flooring, including slightly irregular subfloors with the easy floating/ locking installation.



EASY TO CLEAN

Easy to clean using vacuum, wet mop, and steam or jet mop.



ATTACHED PAD

Pre-attached IXPE underlayment built-in for a quieter, warmer , softer floor without the need for additional underlayment.



ANTI-MICROBIAL SURFACE

An antimicrobial surface is effective against a wide range of microbes, including bacteria, mould, fungi, with a permanent anti-bacterial function.

PRODUCT SPECIFICATIONS

DIMENSIONS

| | |
|-------------------|-------------------------------|
| Product Length | 1210mm / 47.64" |
| Product Width | 190mm / 7.48" or 161mm /6.34" |
| Product Thickness | 6.5mm = 5.5mm + 1mm IXPE |

DETAILS

| | |
|--------------------|-------------------|
| Material | Vinyl |
| Edge | Painted Bevel |
| Surfaces Texture | Wood Grain Emboss |
| Wearlayer | AC3 or AC4 |
| Gloss Level | Low |
| Attached Pad | 1mm IXPE |
| Water Proof | Yes |
| Scratch Resistance | Yes |
| Dent Resistance | Yes |

INSTALLATION & WARRENTY

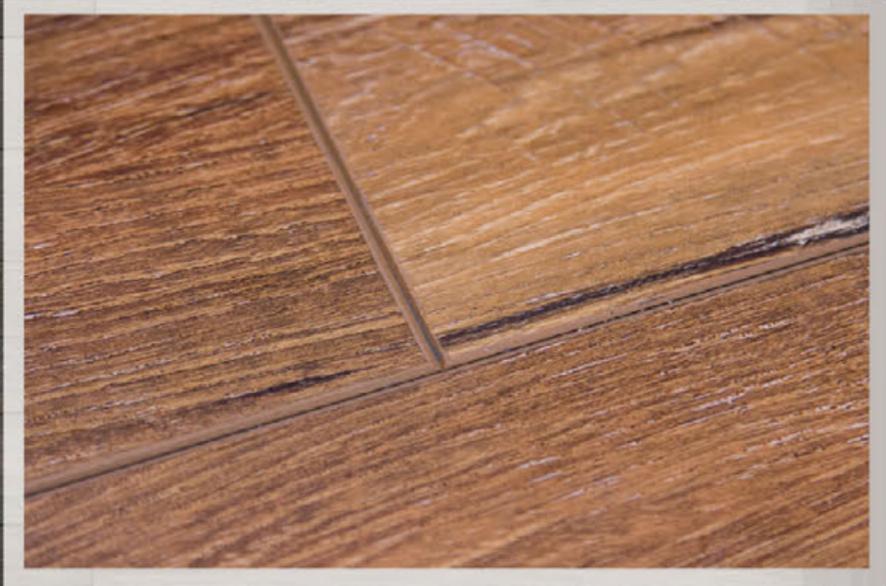
| | |
|----------------------|-------------------------------------|
| Installation Type | Floating/ Valinge 2G |
| Placement Location | Indoor |
| Installation Options | Floor Only |
| Commercial Use | Yes |
| Residential Use | Yes |
| Subfloor | All |
| Cleaning Method | Vacuum, Wet Mop, Steam Mop, Jet Mop |
| Warranty | Lifetime Res./5-10 Yr Comm. |
| VOC Certification | Green Guard Gold |



COMPARISON OF MSPC, ESP, SPP, SP & REGULAR UV COATING

| | MSPC | ESP | SPP | SP | Regular UV coating | Test Method |
|------------------------|---|-------|------|-------|--------------------|-------------|
| Needle Scratching (g) | 4000 | 2600 | 2200 | 2500 | 2000 | ISO1518-1 |
| Micro-Scratching (4N) | B1 | B1 | B1 | B1 | B2-B3 | EN16094-4N |
| Micro-Scratching (38N) | B1-B2 | B1-B2 | B2 | B4-B5 | B4-B5 | 38N*50 |
| Remark 1 | SP-Super Protect-Anti-Stain & Anti Needle-Scratch (Anti-Bacterial Optional) | | | | | |
| Remark 2 | SPP-Super Protect PPlus-Anti-Stain & Anti Micro-Scratch (Anti-Bacterial Optional) | | | | | |
| Remark 3 | ESP-Extreme Super Protect | | | | | |
| Remark 4 | MSPC-Melamine Paper on top of SPC | | | | | |





PAINTED BEVEL

HANDCRAFTED-EDGE

As the creator of better life, BBL always catches the trend of home decoration. Devoting soul and efforts into, BBL recreates the most authentic wood feeling by high-tech design!



As one of the most popular technologies now, handcrafted-edge shows a defined handcrafted bevel found on today's luxurious floors.



WATERPROOF



EASY TO CLEAN & MAINTAIN



KID FRIENDLY



SCRATCH RESISTANT



INDENTATION RESISTANT



GREENGUARD GOLD CERTIFIED



FLOORSCORE CERTIFIED



Combining modernity with excellent performance, BBL's handcrafted-edge flooring is as stylish as it is strong. Exceptionally durable and easy to clean, BBL's handcrafted-edge flooring is a great choice for you!



RANDOM WIDTH SERIES

With random width treatment, plus painted bevel treatment, makes your designed floor more realistic and special.

Any design can be made in random width!

SPC Size: 1220 x 120/150/180mm
1220 x 123/175/227mm
1500 x 123/175/227mm

Thickness: 4.2-8.0mm

WPC Size: 1217 x 124/174.5/225mm
1500 x 124/174.5/225mm

Thickness: 5.5-8.5mm

Wearlayer: 0.2-1.0mm

UV-coating, painted bevel

Easy & strengthened locking system



ENDLESS

Endless series is amazing, It's beautifully refined graining and natural under glow offers a rustic sophistication that can compliment a wide range of looks in any home including Modern, Traditional and Rustic, what's more, it will be a 10 planks repeat collection, which bring more real feeling.



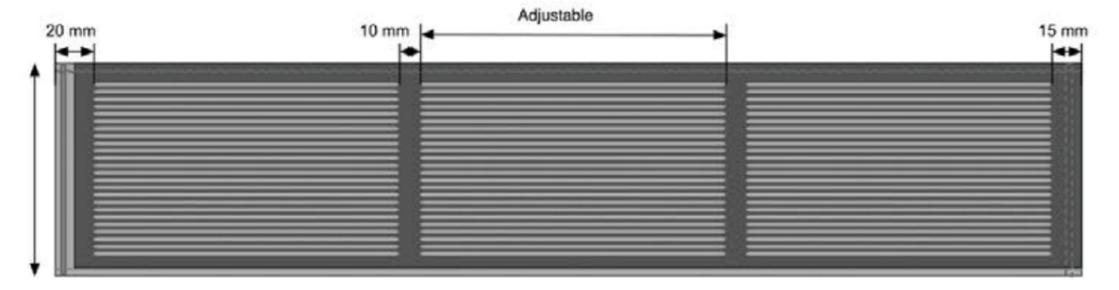
BBL-ED001



WHAT IS LITEBACK?

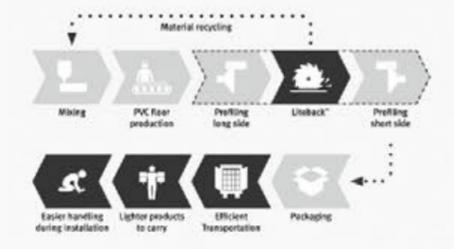
LITEBACK®

Liteback® is a core technology for thermoplastic flooring, i.e. LVT/SPC/WPC.



How does it work?

By using a grooving unit, grooves are milled on the backside of the floorboard. The grooving unit can be integrated in the regular production process thereby eliminating the need for extra handling of the panels. The material that removed in the process is recycled back into the production process, thereby reducing material consumption with up to 10-15%.



Data brings you closer to Liteback®.

In 2017, sales of LVT/SPC/WPC lock floor in Europe exceeded 60 million square meters. Imagine how much benefit these floors would bring if they all used Liteback® core technology. Valinge did a calculation and estimated the impact; let the data speak.

- 117000 Tons**
Increasing the utilization rate of raw materials and saving 117000 tons of raw materials
- 4800 Trucks**
Savings in raw materials greatly reduce the amount of raw materials transported to production workshops.
- 3400 Containers**
Lighter products reduce 3,400 shipping containers and 1,550 trailers from the supply chain per year.
- >80000 Tons CO₂**
With the reduction of raw materials consumption and freight frequency, CO₂ emissions will be reduced by more than 80,000 tons, equivalent to the annual CO₂ emissions of 56,000 cars.

Engineered ABA Structure Light SPC

EPC FLOOR

What is EPC Floor?

It is Engineered ABA structure light SPC with foaming SPC layer. While balancing the stability of product, it can reduce the density by **30%**, so as to allow **30%** more loading quantity per container to save transportation cost.

What is EPC's Features?

- Noise reduction & More comfortable foot feeling**
Foaming Layer assisted with attached Pad is benefit for noise reduction and comfortable foot feeling
- Easier for installation**
EPC is light SPC with lower weight, easier for transportation & DIY

BBL's EPC is much more than that
Remark : There are two kinds of EPC in the market

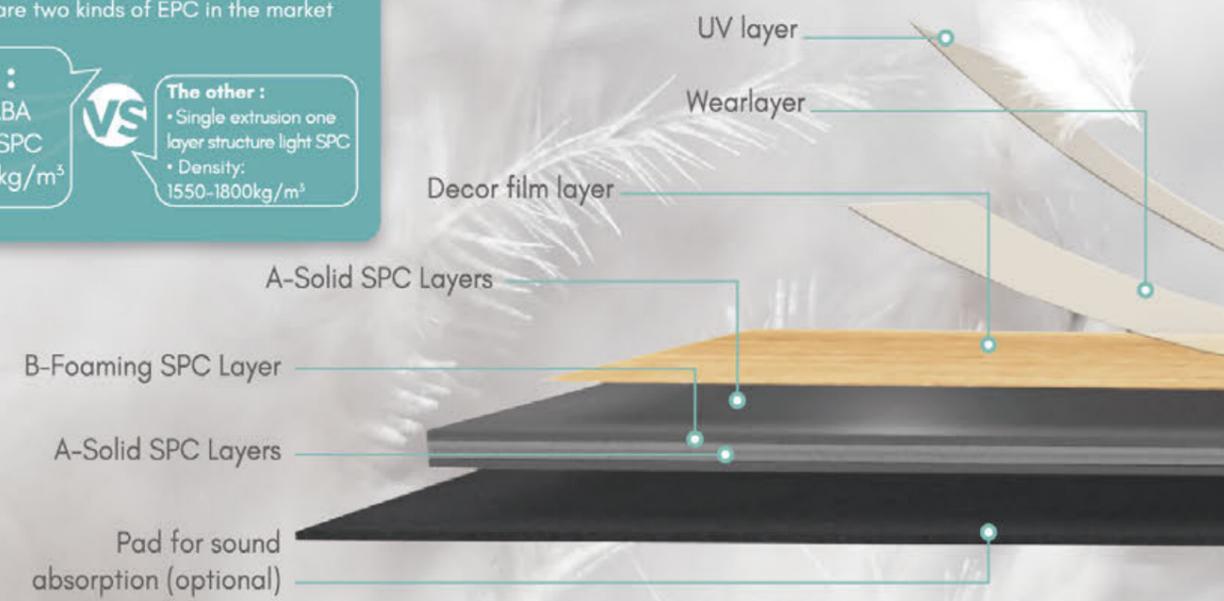
BBL's EPC :

- Engineered ABA structure light SPC
- Density :1400kg/m³

VS

The other :

- Single extrusion one layer structure light SPC
- Density: 1550-1800kg/m³



Features of BBL's Engineered ABA structure light SPC

- Engineered ABA Structure**
Combination of 2*A-Solid SPC Layers+1*B-Foaming SPC Layer, structurally & visually idea for high-end SPC production collection.
- Dent & Gouge Resistance**
ASTM & ISO qualified indentation performance, much better than Single extrusion one layer structure light SPC, and avoid complaint risk.
- Better water proof & Peel strength performance**
2*A-Solid SPC Layers prevent the penetration of water molecule into the core to eliminate the water damage of SPC flooring. Solid SPC surfaces layer has better bonding performance between Décor film & SPC core, which Single extrusion EPC is weaker in bonding.
- Perfectly Balancing Durability & Flexibility of SPC flooring**
Engineered 3 layer SPC structure is proud of high dimensional stability as Solid SPC and its durability, meanwhile, it improves the flexibility.
- More container loading to save the transportation cost**
30% lighter than Solid SPC & 20% lighter than Single extrusion one layer structure light SPC. More container loading by 20%-30%.
- More Value-added features are available**
Super Matt, Anti-scratching, Anti-Stain, Anti-Bacterial functional coating is available and optional.
- Benefit for Carbon Neutralization**
With the reduction of raw material consumption and freight frequency, it will benefit for reduce CO₂ emission.



| Test items | BBL-EPC (ABA foaming) | Single Extrusion Foaming SPC | Ordinary SPC | Test method |
|--|-----------------------|------------------------------|-------------------|-------------|
| Density (kg/cm ³) | 1400 | 1650-1800 | 2000 | ASTMD792 |
| Dimensional stability (% _{80°C*6h}) | TD:0.02 / MD:0.04 | TD:0.02 / MD:0.04 | TD:0.03 / MD:0.04 | ISO23999 |
| Residual indentation (% _{with underlayment}) | 5.6 | failing to pass | 5.4 | ASTMF1914 |
| Container loading | +30% | +10%-17.5% | / | / |

100% Recyclable
ECO Friendly

PVC-Free



GOLDEN SHIELD

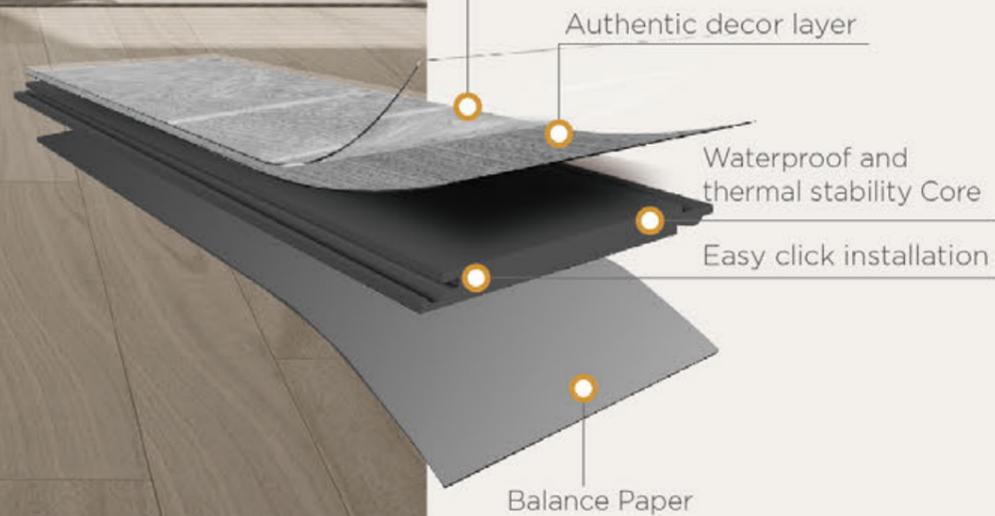
Eco resilient floor with extreme scratch resistance



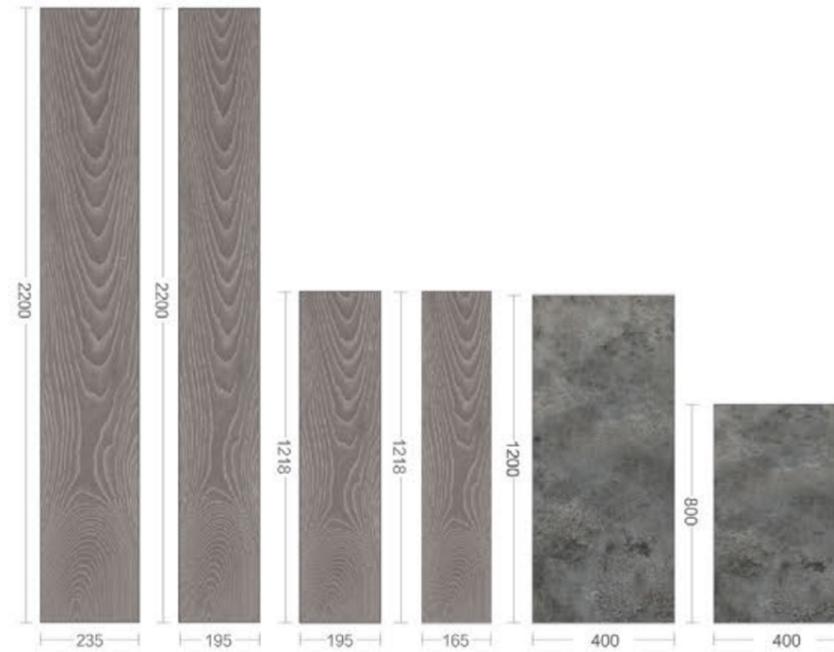
FEATURES AND BENEFITS

- Extreme Scratching Resistance**
 Perfect for pet owners whose pets frequently come back with muddy paws from a morning walk, Golden Shield is not only easy to clean but scratching resistance which makes claw scratching marks a thing of the past.
- Eco-Friendly**
 100% PVC Free Material
 Formaldehyde & VOC Compliance
- Perfect for any rooms**
 Kitchen, Wash Room, Base Room and so on
 100% Water Proof, Wet Moppable & Steam Mop-pable
 Rooms with in-Floor Radian Heat
 Radiant heat systems must have a minimum of 1/2" (12mm) separation from product.
- Perfect for commercial use**
 Dent & Gouge Resistance
 B1f1 Fire resistance class
- Value-Added Option**
 Anti-Bacterial Function
 30% Lighter than Regular SPC Core with same specification

Extreme scratch and wear-resistance Layer



- VALUE-ADDED OPTION
- PERFECT FOR ANY ROOMS
- ECO-FRIENDLY
- PET FRIENDLY
- PERFECT FOR COMMERCIAL USE



PRODUCT FEATURES

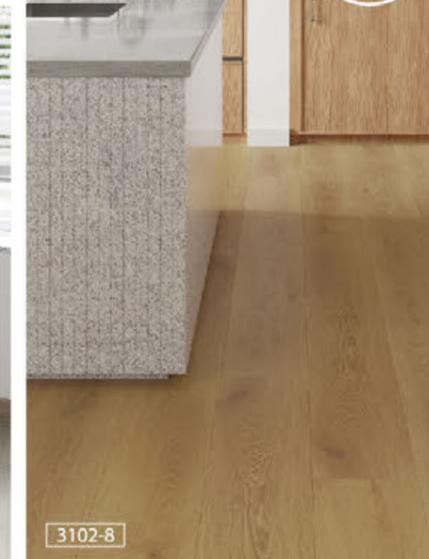
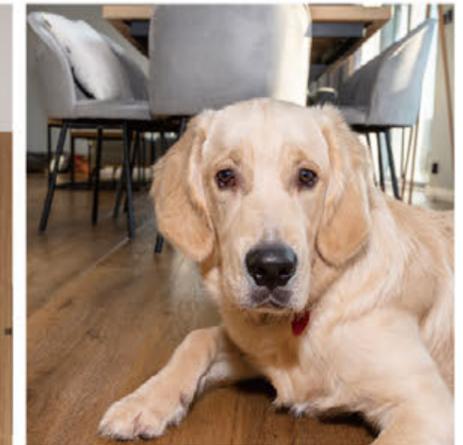
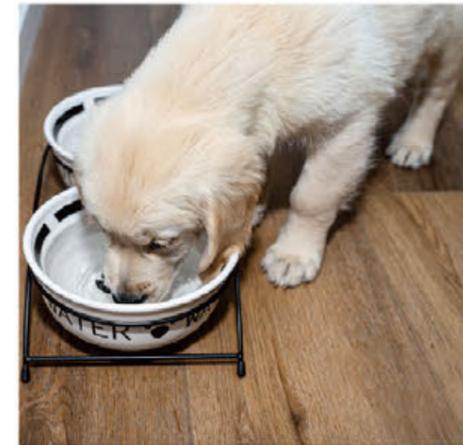
Size:

- 2200 x 235 x 8mm (86.61"x9.25"x8mm)
- 2200 x 195 x 8mm (86.61"x7.68"x8mm)
- 1218 x 195 x 8mm (47.95"x7.68"x8mm)
- 1218 x 165 x 8mm (47.95"x6.50"x8mm)
- 400 x 800 x 8mm (31.5"x15.75"x8mm)
- 400 x 1200 x 8mm (47.24"x15.75"x8mm)

Installation method:

Easy locking system, no glue installation

HONORARY CERTIFICATION



Golden Shield

Eco resilient floor with extreme scratch resistance

EcoTec

Your desired
PVC-Free Flooring

EcoTec floor is ecological flooring which is waterproof, extremely durable, free from PVC and plasticizers as well as 100% recyclable.



100% recyclable & more green material than PVC



No harm to the soil, ecological health



No smell, no toxicity to human body



25% Lighter than PVC Flooring, lower transportation cost



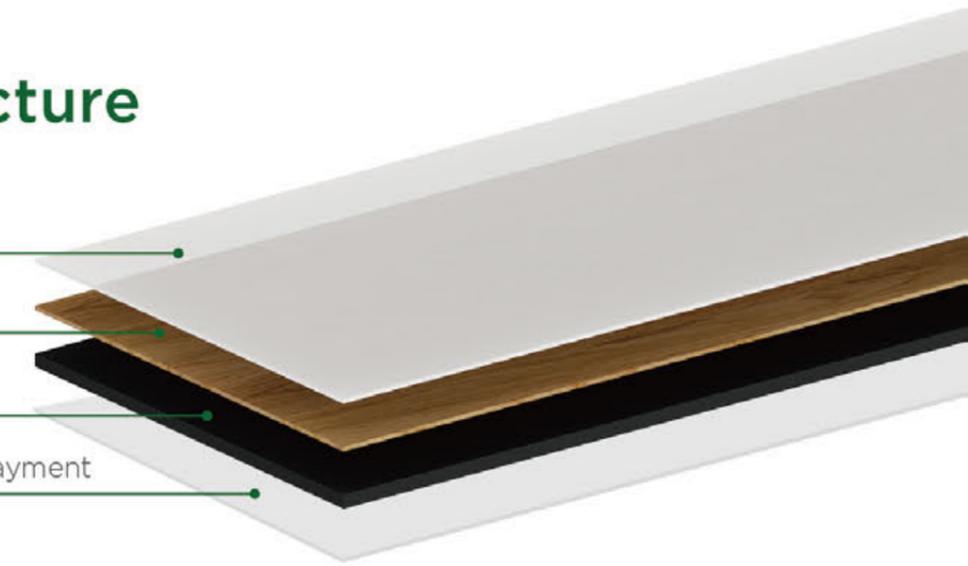
Product Structure

PVC Free Wearlayer

PVC Free Decor Film

PVC Free Board

PVC Free Accoustic Underlayment



Technical Parameters

Specification

| | |
|----------------|-----------------------------------|
| Dimensions | 1220*180mm & other sizes optional |
| Thickness | 4.2mm & other thickness optional |
| Structure | Multi-Layer |
| Abrasion class | Class 23/31 & Class 33/42 |

Features

| | |
|-----------------|-----|
| Waterproof | YES |
| PVC free | YES |
| Noise reduction | YES |
| UV resistant | YES |

Assembly

| | |
|---------------------------|----------|
| Installation without glue | Yes |
| Floor heating | Yes |
| Installation system | Uniclick |



BBL055-1



BBL055-9



BBL055-2



BBL055-6

Impressively expressive decors are the visible characteristics of the collection including Antique, Classic or Modern. Every decor in this extraordinary collection of design flooring tells its own story.

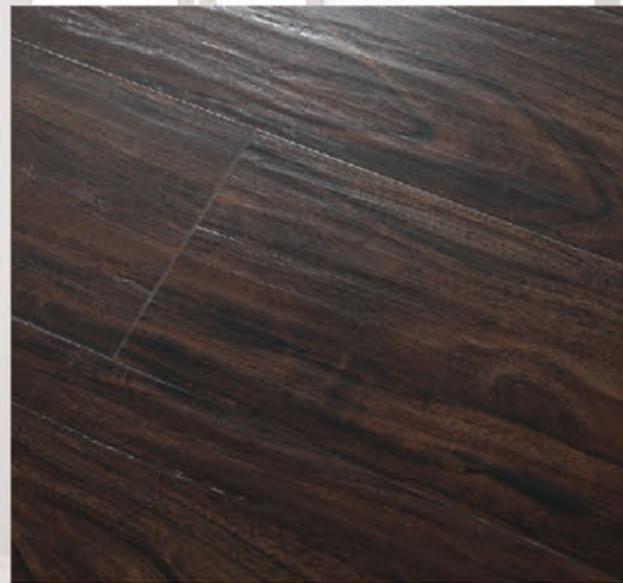
It also stands out due to its decisive advantages over its natural role models, because the authentic EcoTec by BBL are significantly easier to transport and install.



ANTIQUE WOOD TEXTURE



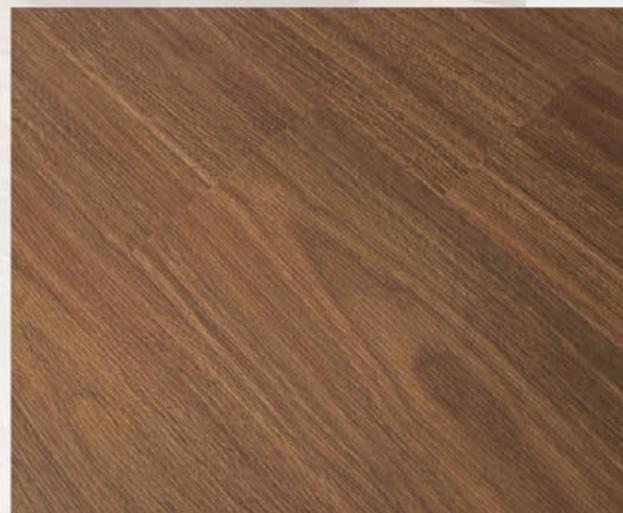
CRYSTAL TEXTURE



CARPENTER HANDSCRAPED TEXTURE



RANDOM EIR-911



RANDOM EIR- B190



RANDOM EIR-88068



EIR
PATTERN

BBL911-3



BBL979XL-2

BBL979XL-5

BBL979XL-1



BBL2610EXL-1

BBL2610EXL-4



BBL2610EXL-10

BBL201XL-03



BBL201XL-8

BBL201XL-18X

BBL201XL-73



BBL2485EXL(B)-1

BBL2485EXL(B)-04



BBL2485EXL(B)-11



BBL31816-5

BBL31816-9

| LENGTH | CODE | | | | |
|--------|----------|------------|----------|---------------|----------|
| | BBL979XL | BBL2610EXL | BBL201XL | BBL2485EXL(B) | BBL31816 |
| 1000mm | | | | | |
| 1300mm | | | | | |
| 1500mm | | | | | |
| 1800mm | * | * | * | * | * |

Remark: Cylinder Length



BBL96092-16



BBL96092-14



BBL96092-17



BBL99531-5



BBL99531-8



BBL99531-10



BBL925L-3



BBL925L-5



BBL925L-1



BBL9305-1



BBL9305-2



BBL9305-4

| LENGTH | CODE | | | |
|--------|----------|----------|---------|---------|
| | BBL96092 | BBL99531 | BBL925L | BBL9305 |
| 1000mm | | | | |
| 1300mm | * | * | | * |
| 1500mm | | | * | |
| 1800mm | | | | |

Remark: Cylinder Length



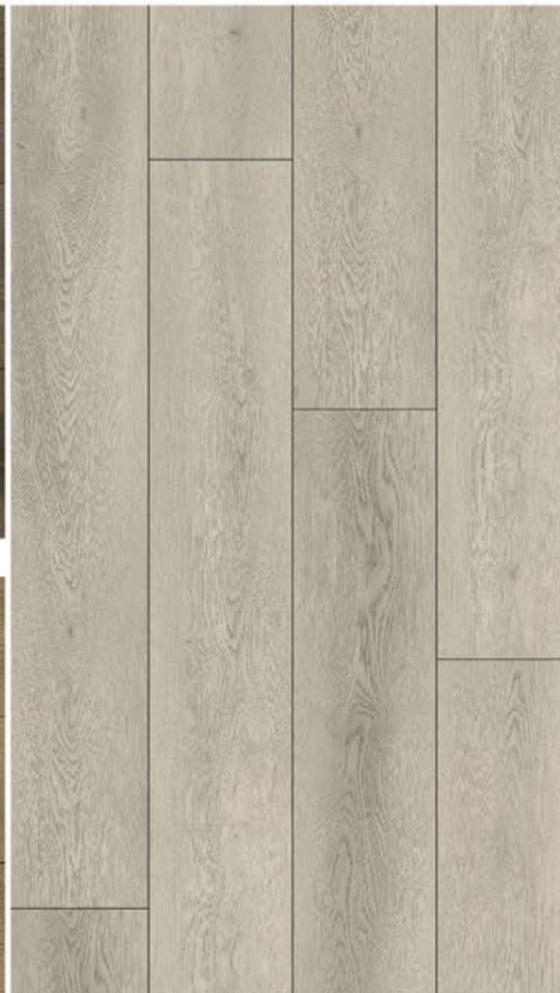
BBL88068-7



BBL88068-2



BBL88068-5



BBL88068-8



BBL33001-1



BBL33001-3



BBL33001-9



BBL33003-1



BBL33003-5



BBL33003-10

| LENGTH | CODE | | |
|--------|----------|----------|----------|
| | BBL88068 | BBL33001 | BBL33003 |
| 1000mm | | | |
| 1300mm | | | |
| 1500mm | ★ | ★ | ★ |
| 1800mm | | | |

Remark: Cylinder Length



BBL33004-1



BBL33004-4



BBL33004-8



BBL33004-12



BBL33037-2



BBL33037-13



BBL973L-6



BBL973L-4



BBL973L-12

| LENGTH | CODE | | |
|--------|----------|----------|---------|
| | BBL33004 | BBL33037 | BBL973L |
| 1000mm | | | |
| 1300mm | | | |
| 1500mm | ★ | ★ | ★ |
| 1800mm | | | |

Remark: Cylinder Length



BBL971L-6



BBL971L-1



BBL1505L-1



BBL1505L-4



BBL1505L-5



BBL7060L-9



BBL7060L-2



BBL190L-2



BBL190L-7

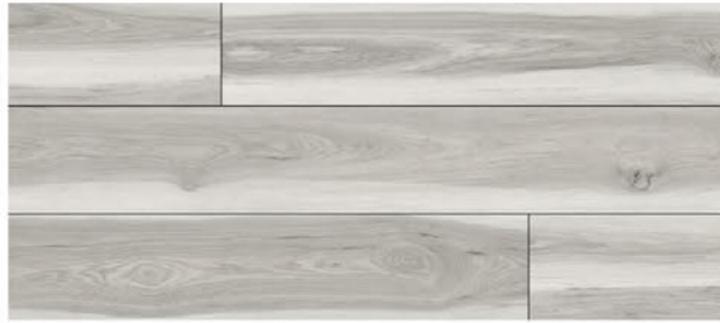
| LENGTH | CODE | | | |
|--------|---------|----------|----------|---------|
| | BBL971L | BBL1505L | BBL7060L | BBL190L |
| 1000mm | | | | |
| 1300mm | | | | |
| 1500mm | ★ | ★ | ★ | ★ |
| 1800mm | | | | |

Remark: Cylinder Length



WOOD PATTERN

BBL979-7



BBL978L-2



BBL978L-6



BBL978L-1



BBL979XL-1



BBL979XL-4



BBL979XL-7



BBL980XL-1



BBL980XL-5



BBL981XL-1



BBL981XL-5

BBL981XL-6



BBL984L-1



BBL984L-4

| LENGTH | CODE | | | | |
|--------|---------|----------|----------|----------|---------|
| | BBL978L | BBL979XL | BBL980XL | BBL981XL | BBL984L |
| 1000mm | | | | | |
| 1300mm | | | | | |
| 1500mm | ★ | | | | ★ |
| 1800mm | | ★ | ★ | ★ | |

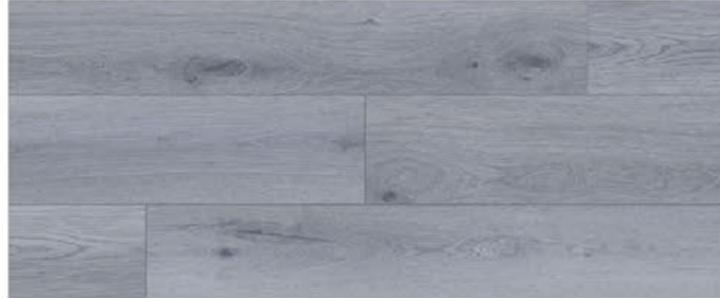
Remark: Cylinder Length



BBL985L-3



BBL985L-1



BBL985L-9



BBL986L-1



BBL986L-4



BBL986L-10



BBL987L-1



BBL987L-4



BBL988L-3



BBL988L-1



BBL988L-6



BBL989L-1



BBL989L-5



BBL989L-7

| LENGTH | CODE | | | | |
|--------|---------|---------|---------|---------|---------|
| | BBL985L | BBL986L | BBL987L | BBL988L | BBL989L |
| 1000mm | | | | | |
| 1300mm | | | | | |
| 1500mm | ★ | ★ | ★ | ★ | ★ |
| 1800mm | | | | | |

Remark: Cylinder Length



BBL990L-7



BBL990L-10

BBL990L-1



BBL993L-1



BBL993L-7



BBL993L-9



BBL994L-1



BBL994L-7



BBL995L-9



BBL995L-1



BBL995L-18



BBL2023L-1



BBL2023L-7

| LENGTH | CODE | | | | |
|--------|---------|---------|---------|---------|----------|
| | BBL990L | BBL993L | BBL994L | BBL995L | BBL2023L |
| 1000mm | | | | | |
| 1300mm | | | | | |
| 1500mm | ★ | ★ | ★ | ★ | ★ |
| 1800mm | | | | | |

Remark: Cylinder Length



BBL2024L-4



BBL2024L-1



BBL2024L-13



BBL2025WL-1



BBL2025WL-5



BBL2025WL-11



BBL2101L-2



BBL2101L-5



BBL2102L-4



BBL2102L-2



BBL2102L-7



BBL2103L-1



BBL2103L-3



BBL2103L-5

| LENGTH | CODE | | | | |
|--------|----------|-----------|----------|----------|----------|
| | BBL2024L | BBL2025WL | BBL2101L | BBL2102L | BBL2103L |
| 1000mm | | | | | |
| 1300mm | | | | | |
| 1500mm | ★ | ★ | ★ | ★ | ★ |
| 1800mm | | | | | |

Remark: Cylinder Length



BBL2104L-1



BBL2104L-4



BBL2104L-9



BBL2105L-1



BBL2105L-6



BBL2105L-8



BBL2106L-1



BBL2106L-5



BBL2106L-9



BBL2107L-1



BBL2107L-4



BBL2107L-5

| LENGTH | CODE | | | |
|--------|----------|----------|----------|----------|
| | BBL2104L | BBL2105L | BBL2106L | BBL2107L |
| 1000mm | | | | |
| 1300mm | | | | |
| 1500mm | ★ | ★ | ★ | ★ |
| 1800mm | | | | |

Remark: Cylinder Length



BBL2108L-3



BBL2108L-7



BBL2108L-1



BBL2109L-1



BBL2109L-7



BBL2109L-9



BBL2110L-1



BBL2110L-3



BBL2111L-3



BBL2110L-5



BBL2111L-4



BBL2111L-7



BBL2111L-8

| LENGTH | CODE | | | |
|--------|----------|----------|----------|----------|
| | BBL2108L | BBL2109L | BBL2110L | BBL2111L |
| 1000mm | | | | |
| 1300mm | | | | |
| 1500mm | ★ | ★ | ★ | ★ |
| 1800mm | | | | |

Remark: Cylinder Length



BBL2112L-4



BBL2112L-7

BBL2112L-1



BBL2113L-5



BBL2113L-6



BBL2113L-8



BBL2114L-1



BBL2114L-4



BBL2114L-6



BBL2115L-1



BBL2115L-6



BBL2115L-8

| LENGTH | CODE | | | |
|--------|----------|----------|----------|----------|
| | BBL2112L | BBL2113L | BBL2114L | BBL2115L |
| 1000mm | | | | |
| 1300mm | | | | |
| 1500mm | ★ | ★ | ★ | ★ |
| 1800mm | | | | |

Remark: Cylinder Length



BBL2115L-2



BBL2115L-6



BBL2115L-1



BBL2117L-6



BBL2117L-5



BBL2117L-8



BBL2118XL-1



BBL2118XL-2



BBL2118XL-6

| LENGTH | CODE | | |
|--------|----------|----------|-----------|
| | BBL2115L | BBL2117L | BBL2118XL |
| 1000mm | | | |
| 1300mm | | | |
| 1500mm | ★ | ★ | |
| 1800mm | | | ★ |

Remark: Cylinder Length

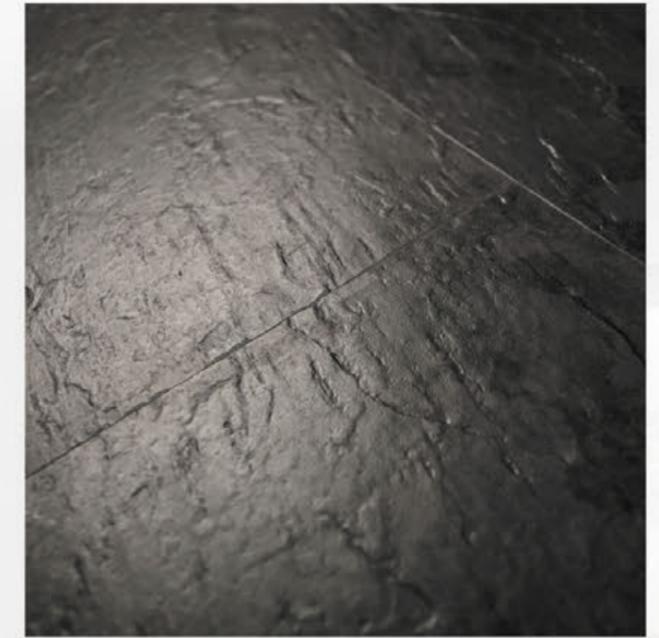


TILE
TEXTURE

TEXTURE FOR SELECTION



BUMPY FINISH



CLASSIC SLATE



GRANITE STRUCTURE



WHITE MARBLE FINISHING



BBL918-1



BBL918-3



BBL918-6



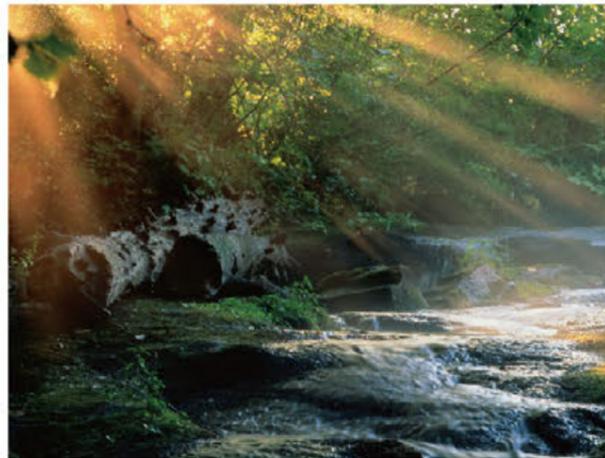
BBL920-1



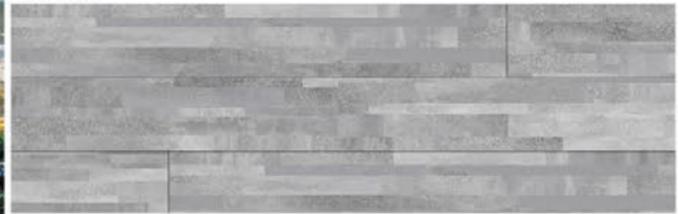
BBL920-4



BBL920-5



BBL920-7



BBL920-9



BBL922-1



BBL922-3



BBL922-6



BBL922-7



BBL938-2



BBL938-1



BBL938-4



BBL938-5

| LENGTH | CODE | | | |
|--------|--------|--------|--------|--------|
| | BBL918 | BBL920 | BBL922 | BBL938 |
| 1000mm | | | | |
| 1300mm | ★ | ★ | ★ | ★ |
| 1500mm | | | | |
| 1800mm | | | | |

Remark: Cylinder Length



BBL939-1



BBL939-4



BBL939-6



BBL950-1



BBL950-2



BBL950-3



BBL951-1



BBL951-2



BBL951-6



BBL951-4

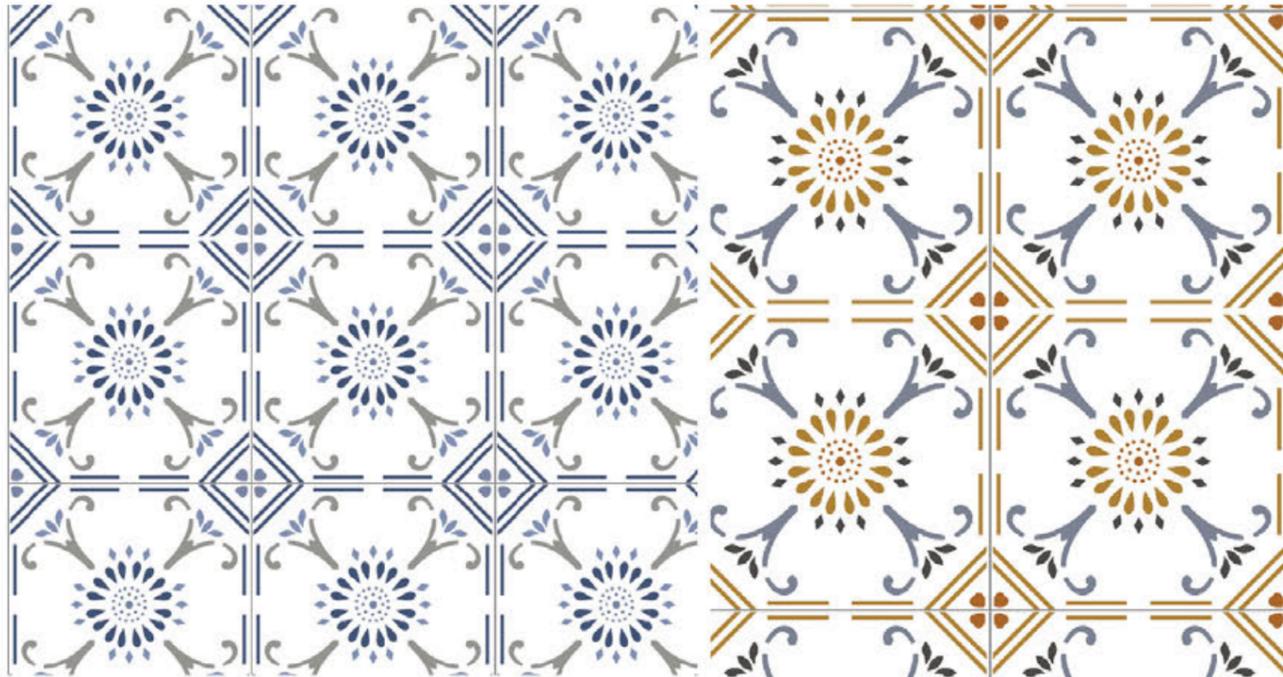


BBL951-7



| LENGTH | CODE | | |
|--------|--------|--------|--------|
| | BBL939 | BBL950 | BBL951 |
| 1000mm | | | |
| 1300mm | * | * | * |
| 1500mm | | | |
| 1800mm | | | |

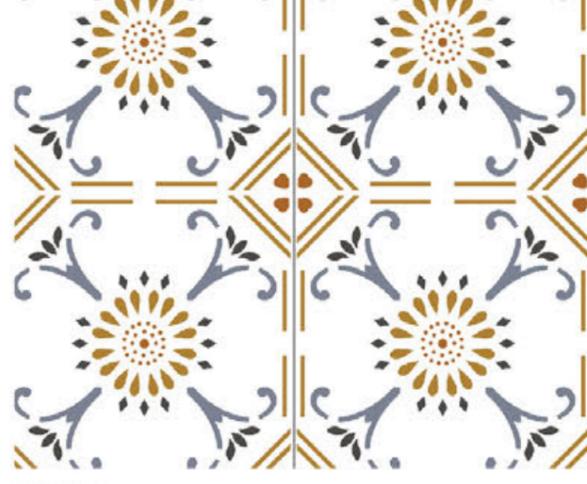
Remark: Cylinder Length



BBL982-1



BBL982-8



BBL982-3



BBL982-5



BBL983-6

BBL983-1



BBL983-2

BBL983-8



BBL983-7



BBL983-10

| LENGTH | CODE | |
|--------|--------|--------|
| | BBL982 | BBL983 |
| 1000mm | | |
| 1300mm | * | * |
| 1500mm | | |
| 1800mm | | |

Remark: Cylinder Length



BBL970-1

BBL970-2



BBL996-1



BBL996-6

BBL996-9

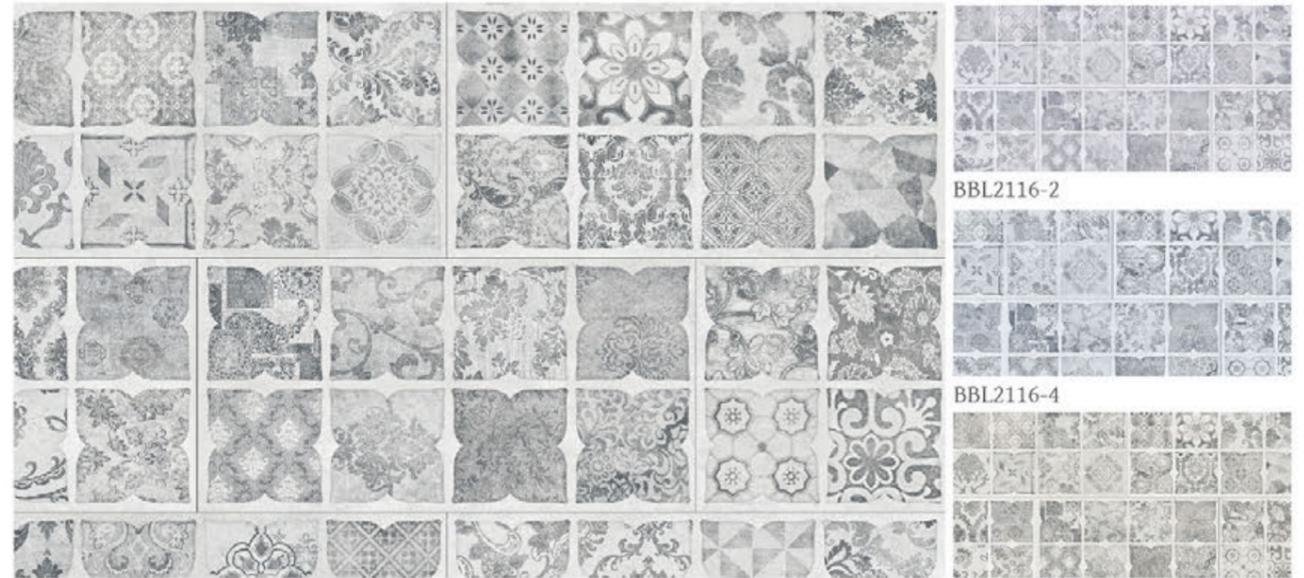


BBL997-1



BBL997-7

BBL997-10



BBL2116-1

BBL2116-2

BBL2116-4

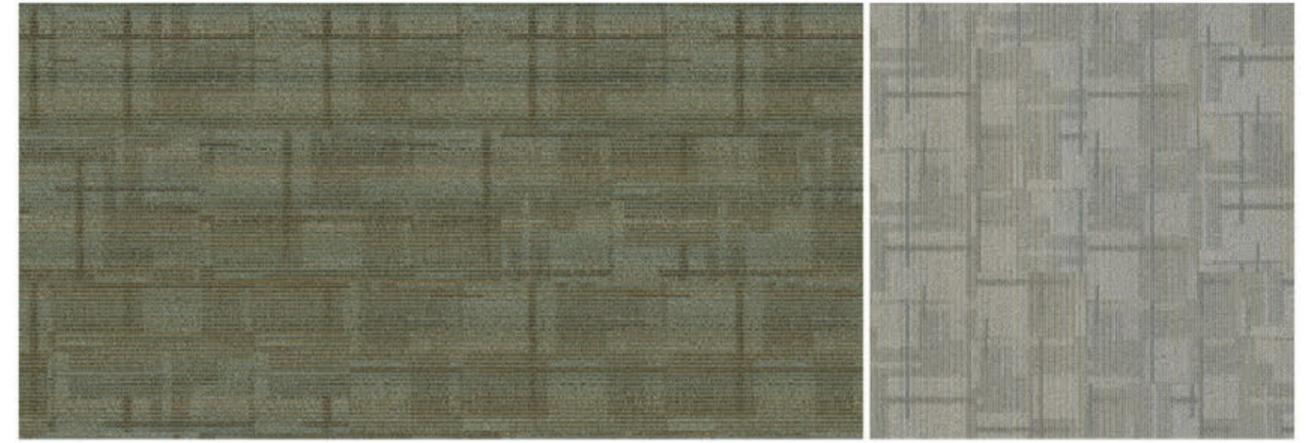
BBL2116-5

| LENGTH | CODE | | | |
|--------|--------|--------|--------|---------|
| | BBL970 | BBL996 | BBL997 | BBL2116 |
| 1000mm | | | | |
| 1300mm | * | * | * | * |
| 1500mm | | | | |
| 1800mm | | | | |

Remark: Cylinder Length

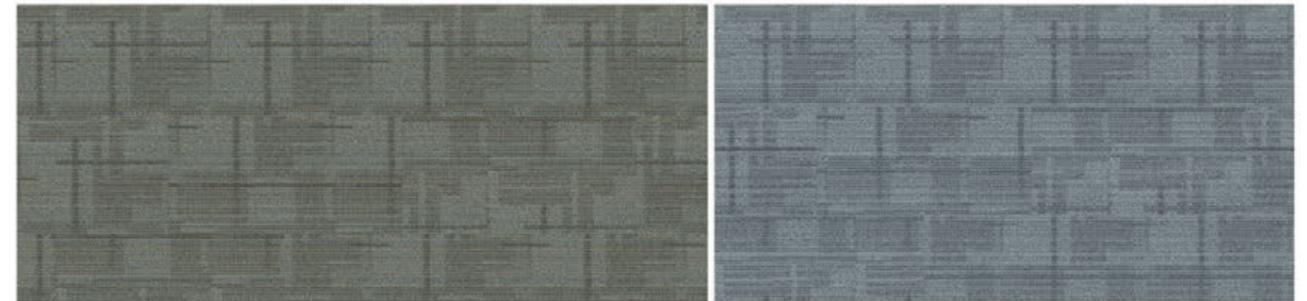


CARPET TEXTURE



BBL991L-2

BBL991L-3



BBL991L-5

BBL991L-6



BBL992L-1



BBL992L-3



BBL992L-6



BBL992L-8

| LENGTH | CODE | |
|--------|---------|---------|
| | BBL991L | BBL992L |
| 1000mm | | |
| 1300mm | | |
| 1500mm | * | * |
| 1800mm | | |

Remark: Cylinder Length