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 **HEBEI MINMETALS CO., LTD.**

明迈特™

**SPC Click Flooring**



 **HEBEI MINMETALS CO., LTD.**

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Hebei Minmetals Co., Ltd, a joint-stock enterprise specialized was derived from the structural reform of an old state-owned foreign trading companies. It was established in September 2004, with registered capital of 45 million RMB. The export turnover is over 300 million USD in year 2021. Hebei Minmetals Co., Ltd, has become the top exporters in Hebei province.

Hebei Minmetals' main products include wires, wire fences, fence posts, nails, garden products, casting irons, building materials and furniture products in recent years, Hebei Minmetals has been focusing on researching and developing the new products. By means of innovative operations, the products family has been constantly enlarged. The sales network has also been greatly strengthened. The products are now successfully marketed in worldwide markets.

Hebei Minmetals has transformed into an enterprise group which has its own industrial entity originated from a traditional foreign trade company. At the present time, Hebei Minmetals has 6 company owned factories and 20+ cooperating factories in China and abroad, 1 proprietary design company in United States. We have 6 International sales offices and 3 product logistic centers located strategically around the world. Our customers is all over the world, and now Hebei Minmetals has become a huge and powerful group. Our group covers the industrial chain of R&D, Manufacturing, Trading & Logistics.

Hebei Minmetals has an excellent team of dream catchers, full of ambition, vitality and creativity. We believe, with the mutual efforts of all the members of the team, Hebei Minmetals will surely become the flagship enterprise in Hebei foreign trade industry.

Your faithfully,  
Hebei Minmetals Co., Ltd.

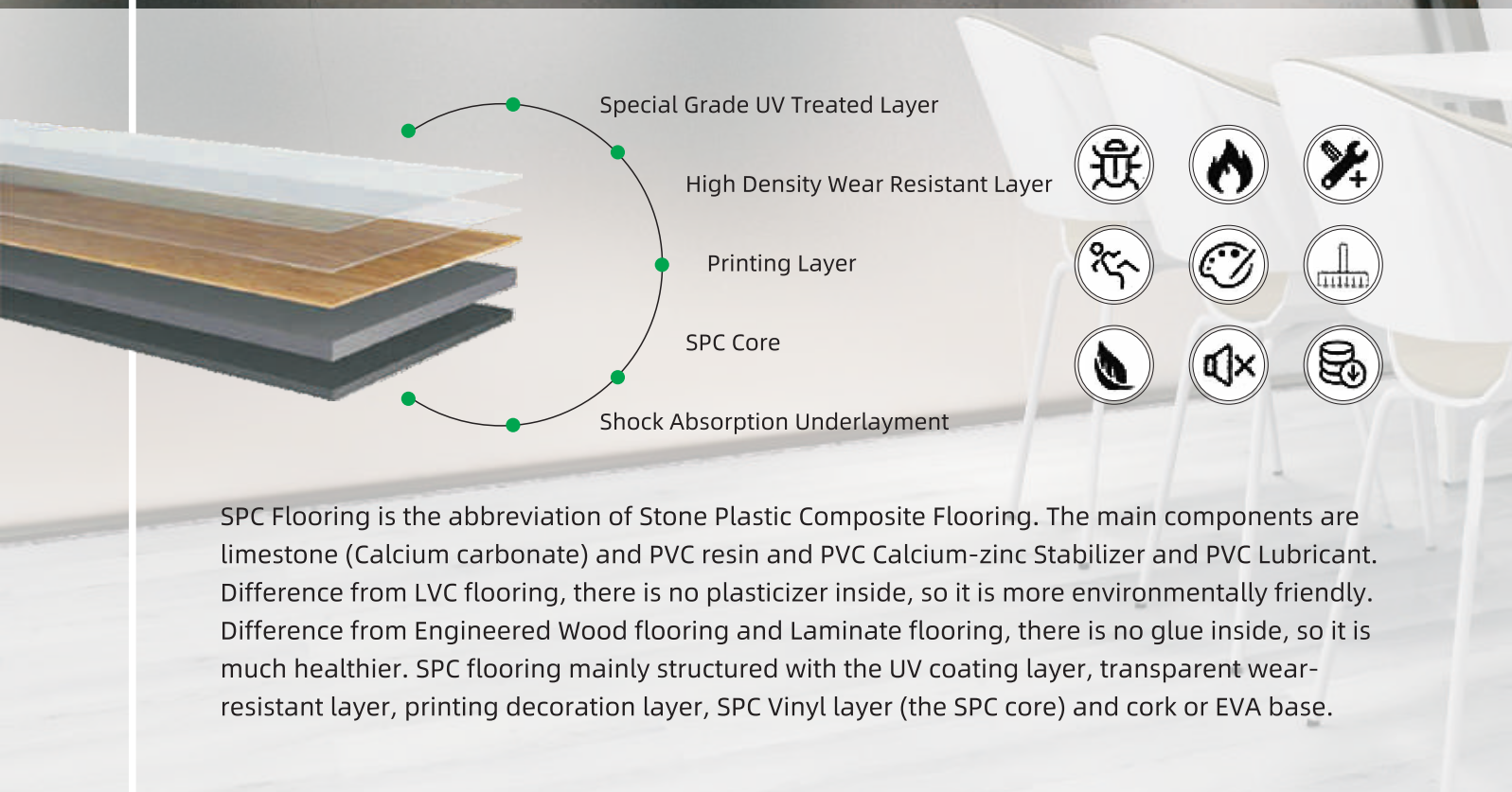


## What is SPC?

"SPC" means Stone Polymer Core, which chooses natural stone powder and Fiber, so its structure is more durable, stable and environmental. Its new design material of vinyl floors, and work better than traditional LVT floors.

# SPC Click Flooring





SPC Flooring is the abbreviation of Stone Plastic Composite Flooring. The main components are limestone (Calcium carbonate) and PVC resin and PVC Calcium-zinc Stabilizer and PVC Lubricant. Difference from LVC flooring, there is no plasticizer inside, so it is more environmentally friendly. Difference from Engineered Wood flooring and Laminate flooring, there is no glue inside, so it is much healthier. SPC flooring mainly structured with the UV coating layer, transparent wear-resistant layer, printing decoration layer, SPC Vinyl layer (the SPC core) and cork or EVA base.

# Specifications of SPC flooring

Dimensions	184×1220mm, 151×920mm and Customized
Thickness	3.2mm, 4.0mm, 5.0mm, 5.5mm, 6.0mm
Wear Layer	0.3mm, 0.5mm, 0.7mm
Abrasion-resisting	25000 turns
Material	Virgin PVC
Backing Layer	EVA, IXPE, Cork etc.
Edge Detail	Squared edge and Beveled edge available.
Surface Treatment	UV Coating
Click System	Uniclick
Surface Texture	Wood grain, Flat grain, Deep embossing, Impact grain, Handscraped grain, Light embossing.
Feature	Formaldehyde Free. Waterproof. Strong Stability. Varieties Designs. Non-Slip. Fire Proof.
Installation	Easy Installation. DIY Installation, Click system.
Application	Indoor area, Decoration material, Office, Household, Shopping center, School, Hospital, Residence and Commercial
Design working life	30 year

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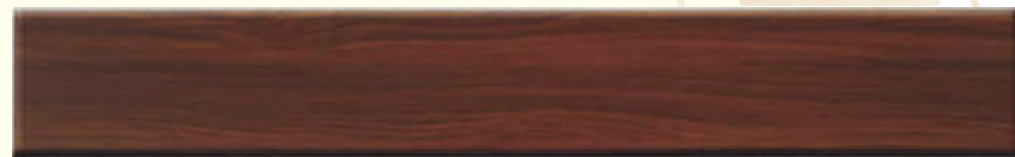
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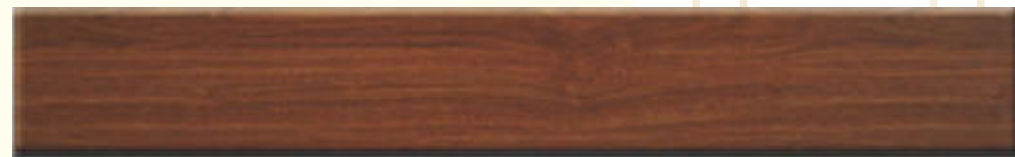
## Normalized Colors



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KNS801



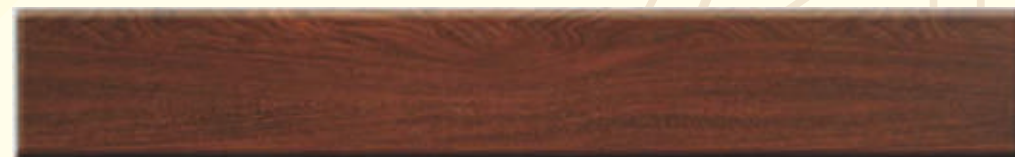
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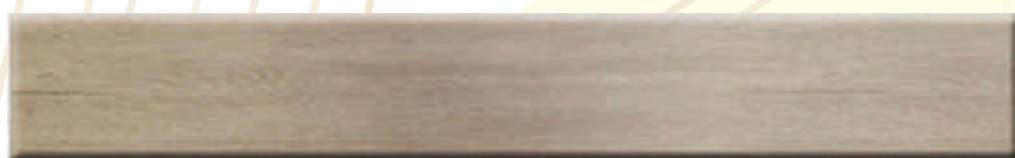
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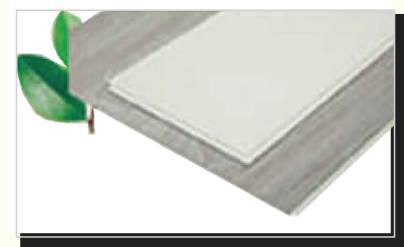


KNS19N08



# SPC Flooring Advantages

1. Raw material is environment protection and healthy. We are using virgin PVC resin and Calcium-zinc PVC stabilizer.



2. Antimildew and antibacterial. Special treatment of the flooring surface has strong bactericidal and bacteriostatic effect.



3. Insanely thin and light. Thickness is from 3.2mm to 6mm which is less than common ground material. This can save the space of the room.



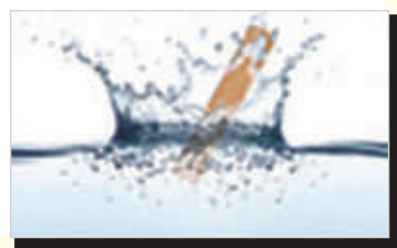
4. Superior antiskid. Wear layer of SPC floor is a special skid resistance layer, there will be a higher friction when wet. So it can meet high requirement of public security.



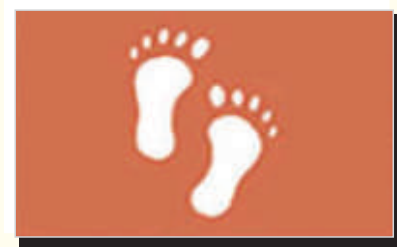
5. Warm and comfortable. SPC floor is the first choice of under floor heating room.



6. Waterproof and damp proof. Main material is PVC resin no appetency with water.



7. High grade anti-abrasion, high strength. The wear-resisting revolution can be up to 25000 turns. And the design working life can be up to 30 years.



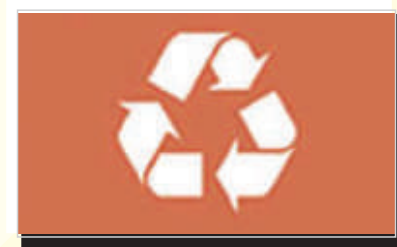
8. Fire retardant. SPC floor fire rating is Grade Bfl, Flame retardant, not spontaneous combustion, leave the flame automatic out in 5 seconds without toxic or harmful gases.



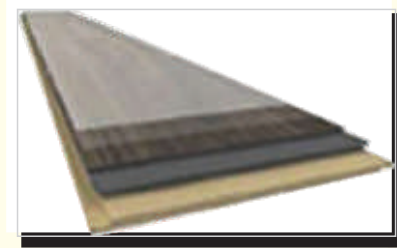
9. High-elasticity, high safety. SPC floor has a soft texture and comfortable feet feeling. There is a big reducing the proportion of fell down and injured in the large flow space by covering the SPC floor.



10. Environmentally-friendly and renewable. SPC floor is a renewable utilizable floor decorative material.



11. Sound absorption and noise reduction. SPC floor sound-absorbing 20 decibels.



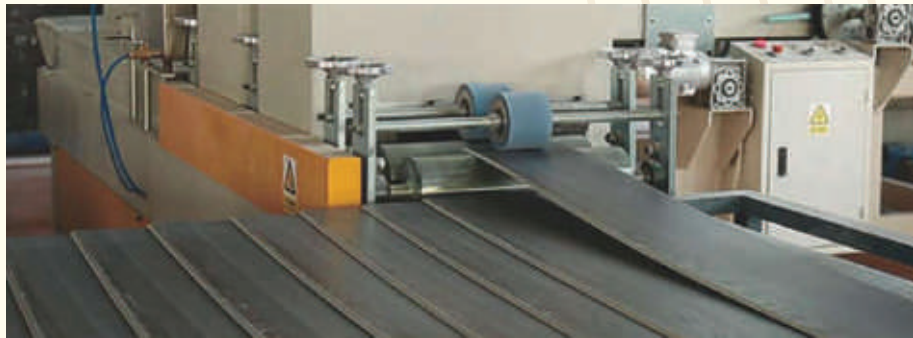
12. Beautiful and fashionable. SPC floor using advanced click locking system which can bear 30kgs force.







Factory Images



# Easy Installation



FIGURE 1



FIGURE 2

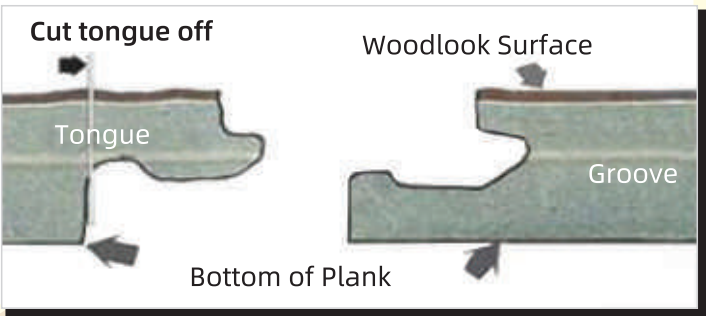


FIGURE 3

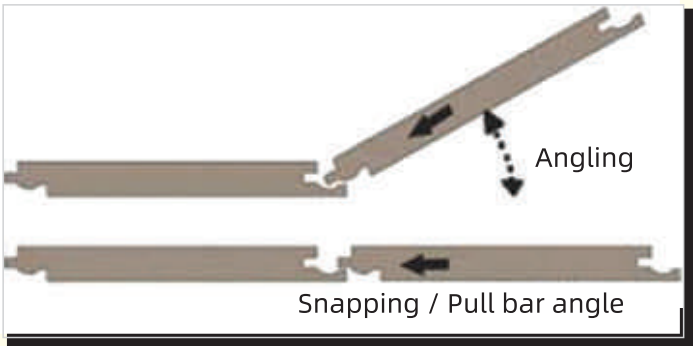


FIGURE 4

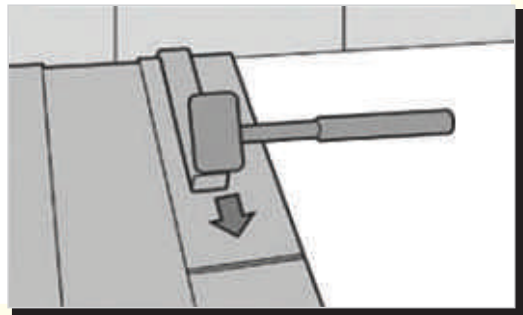


FIGURE 5A

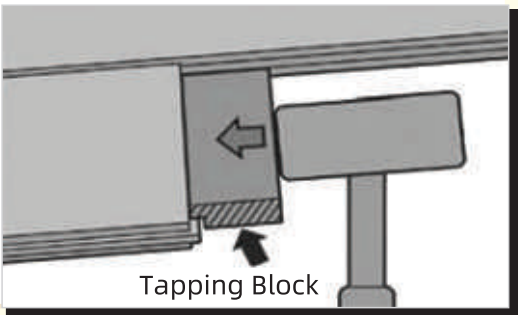


FIGURE 5B





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**LVT Flooring**



## Products Introduction



Luxury Vinyl Flooring  
(Dry Back)



Luxury Vinyl Flooring  
(Loose Lay)



Luxury Vinyl Flooring  
(Click Lock)



Luxury Vinyl Flooring  
(Self-Adhesive)



WPC Click Flooring  
> 6mm



SPC Click Flooring  
3.5-6mm

## Specification of LVT Flooring

**Dimensions:** 184×1220mm, 151×920mm or Customized

**Thickness:** 1.0mm-4.0mm

**Wear Layer:** 0.3mm, 0.5mm

**Surface:** UV Coating

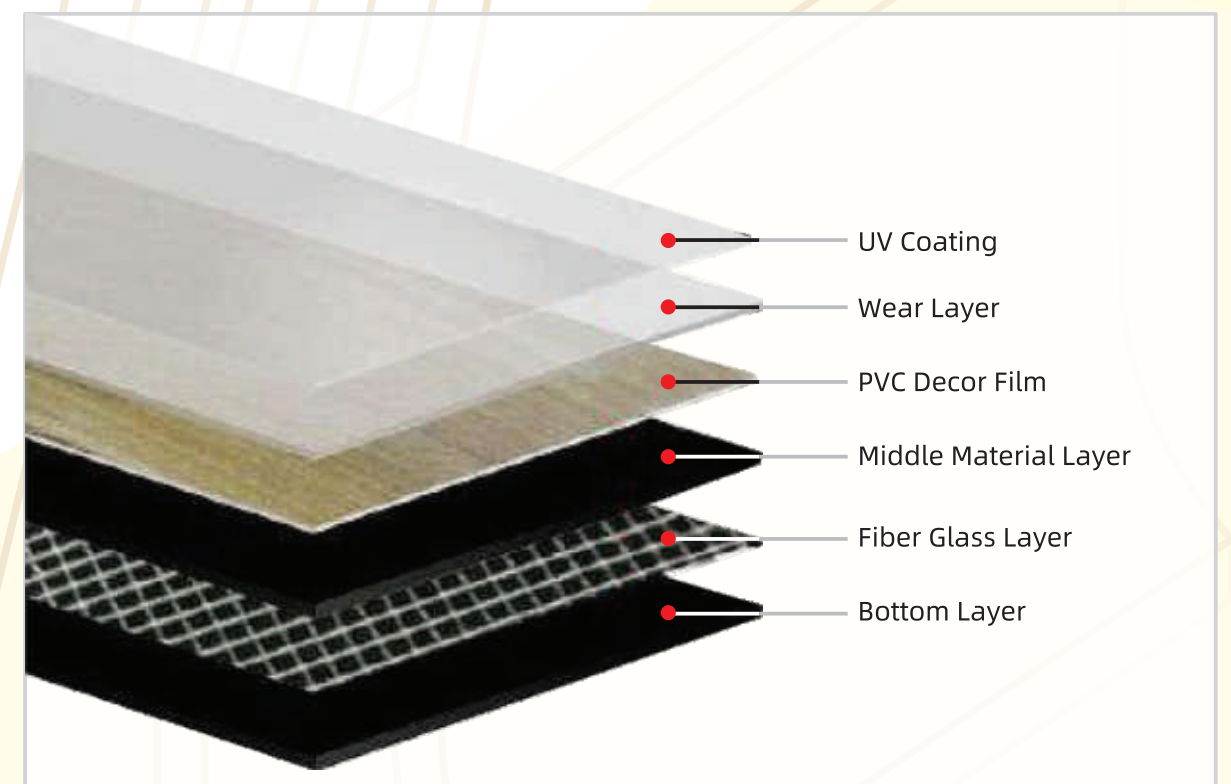
**Backing Layer:** EVA, IXPE, Cork etc.

**Click System:** Unclick / Unipush / Valinge 5 Gi etc.

**Edge Detail:** Squared edge and Beveled edge available

**Texture:** Wood / Marble / Flat grain, Deep / Light Embossing

**Installation:** Glue Down / Click Lock / Loose Lay / Peel and Stick



## Construction of LVT Click Lock



[illegible]

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Total Quality Assured.

# Test Verification of Conformity

On the basis of the referenced test report(s), sample(s) tested of the below product have been found to comply with the standards harmonized with the directives listed on this verification at the time the tests were carried out. Other standards and Directives may be relevant to the product. This verification is part of the full test report(s) and should be read in conjunction with it <them>.

Once compliance with all product relevant CE mark directives are verified, including any relevant e.g. risk assessment and production control, the manufacturer may indicate compliance by signing a Declaration of Conformity themselves and applying the mark to products identical to the tested sample(s).

Applicant Name & Address:	Hobai Minmetals Co., Ltd. 337 Xinhua Road, Shijiazhuang city, Hebei, China
Product Description:	Heterogeneous PVC floor covering (Type: SPC Flooring, with click)
Ratings & Principle	Reaction to fire: Class B <sub>e</sub> -s1
Characteristics:	Formaldehyde: E1 Slipperiness: DS
Models/Type References:	184×1220×3.2mm(wear layer 0.15mm) 184×1220×3.2mm(wear layer 0.30mm) 184×1220×4.0mm(wear layer 0.30mm) 184×1220×4.0mm(wear layer 0.50mm) 184×1220×5.0mm(wear layer 0.30mm) 184×1220×5.0mm(wear layer 0.50mm) 184×1220×5.5mm(wear layer 0.30mm) 184×1220×5.5mm(wear layer 0.50mm)
Brand Name(s):	/
Standard(s)/Directive(s):	EN 14041:2004/AC:2006 Construction Products Regulation (CPR) No.305/2011
Verification Issuing Office	Intertek Testing Services Ltd., Shanghai
Name & Address:	Plant 5, No. 6958 Daye Road, Fengxian District, Shanghai, China
Test Report Number(s):	180507011SHF-BP-5, 75 35 01638 (issued by NB 1023)

*Sally Xie*  
Signature

Name: Sally Xie  
Position: Senior Technical supervisor  
Date: August 30<sup>th</sup>, 2018

This verification is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this verification. Only the Client is authorized to permit copying or distribution of this verification. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. The observations and test/inspection results referenced in this verification are relevant only to the sample represented. This verification by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.

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GFT-OP-110 [22-February-2018]



Total Quality. Assured.

# Test Report

Issue Date: 2018/5/1

Intertek Report No.: 180507011SHF-8P-1

APPENDIX: SAMPLE RECEIVED PHOTO



REPORT AUTHORIZED

When signed with physical or electronic signature, the contents of this report have been prepared and approved per Intertek's quality process in accordance with ISO 17025.



Name: Sally Xie  
Title: Reviewer



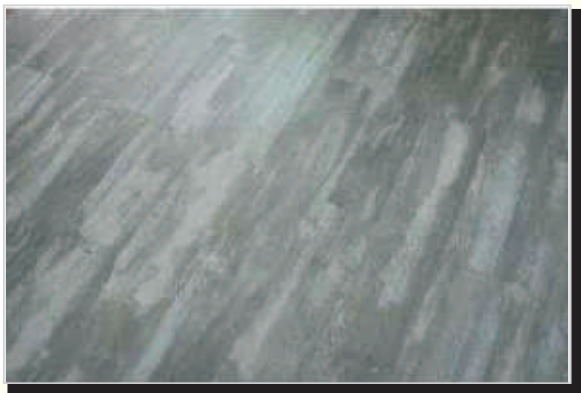


Name: Tod Qian  
Title: Project Engineer

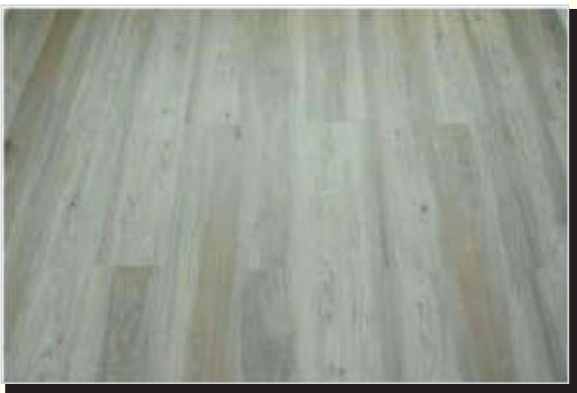
Revision:

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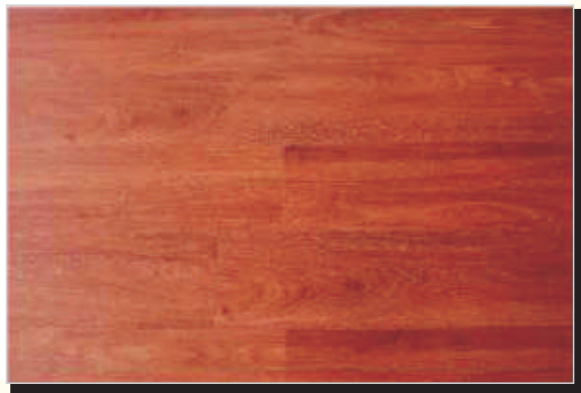




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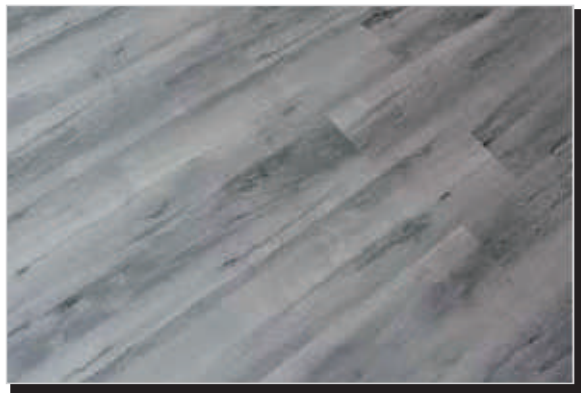
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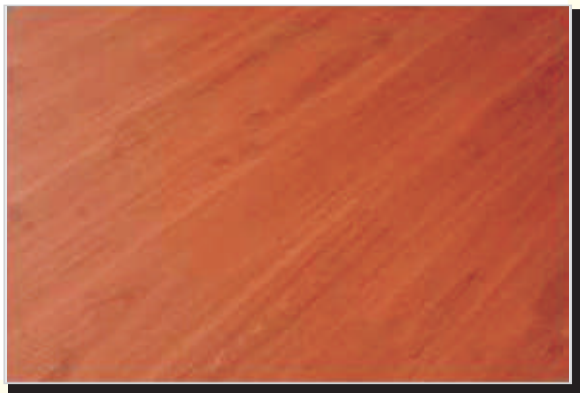
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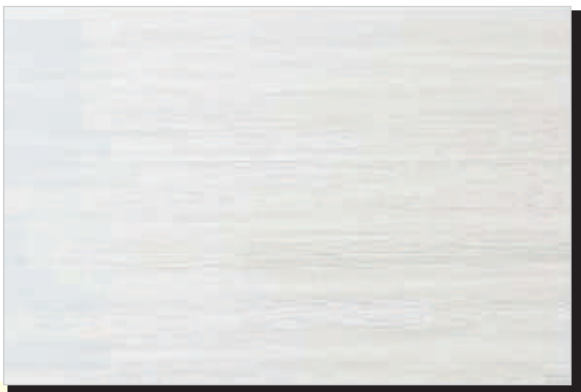
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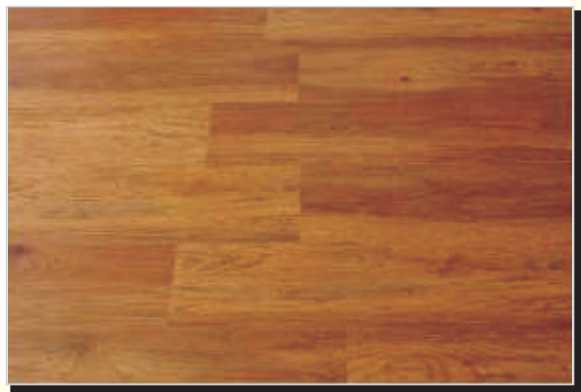
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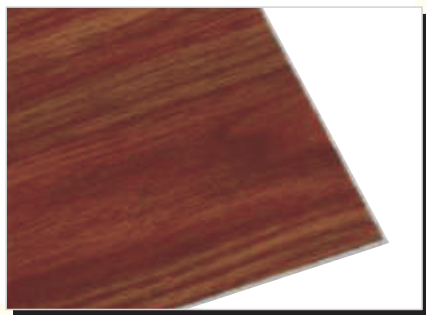




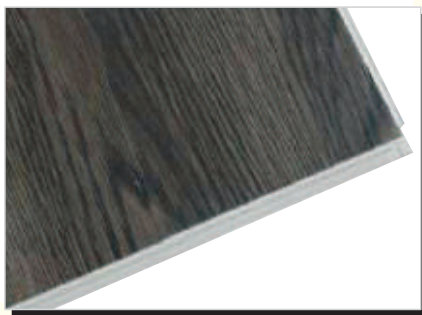
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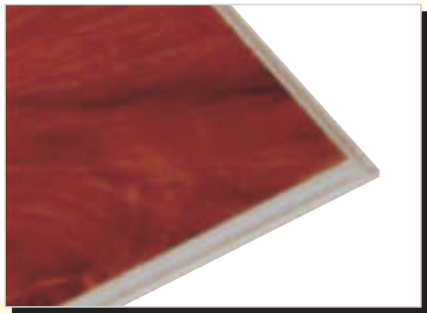
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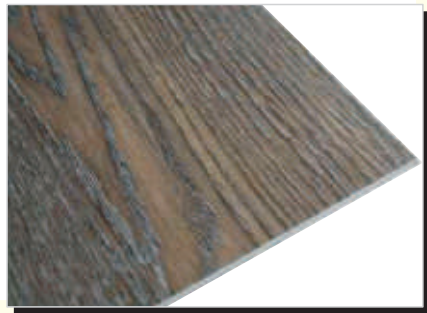
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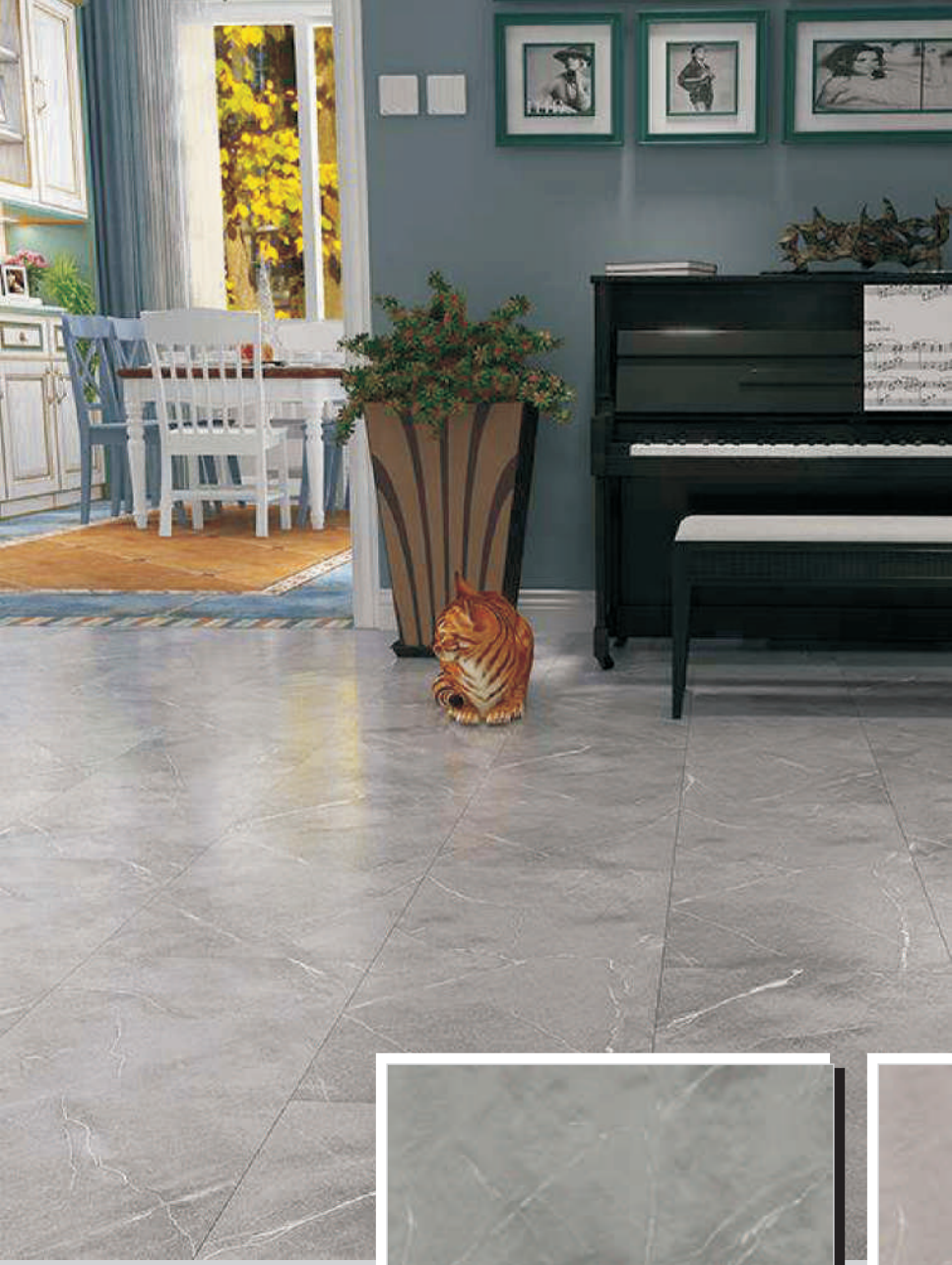


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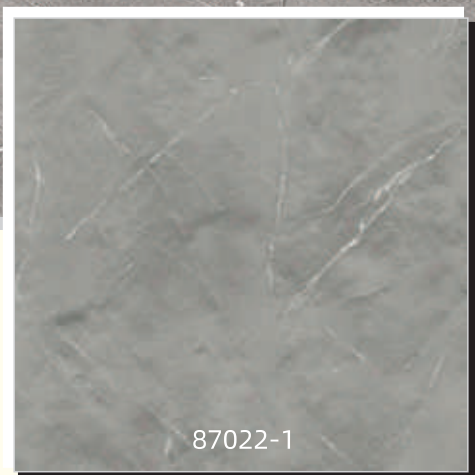
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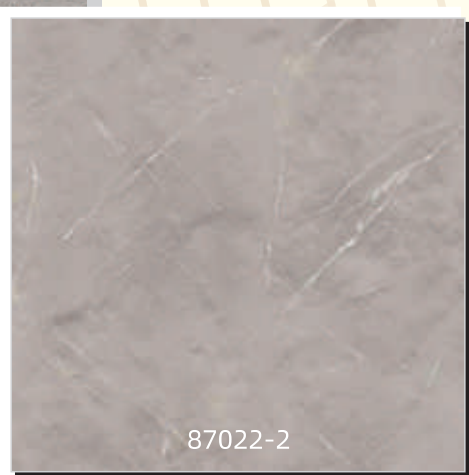


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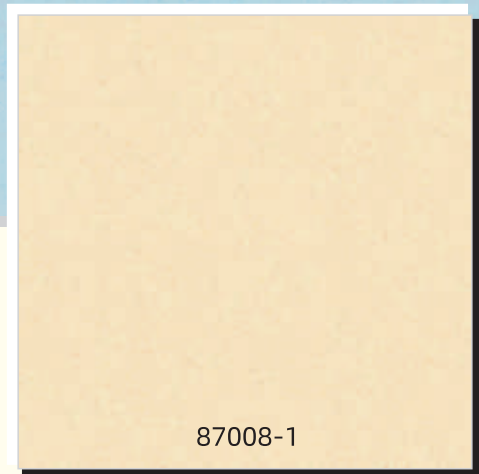


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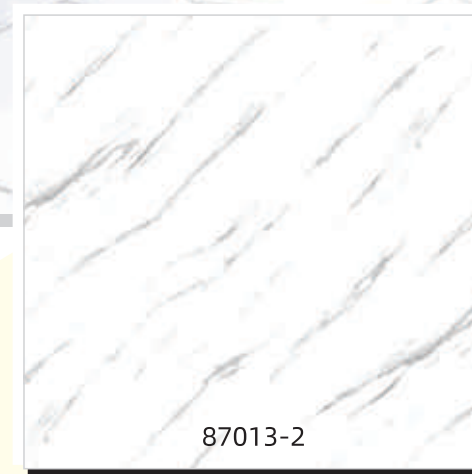
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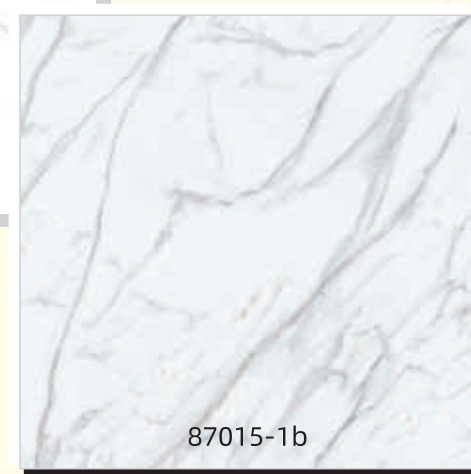
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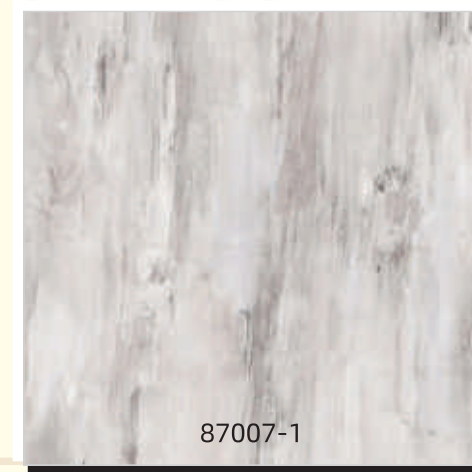
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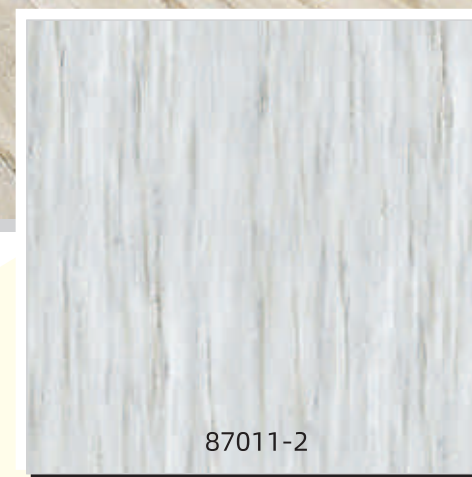


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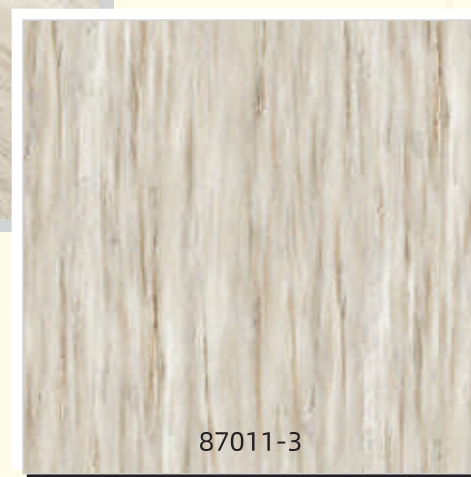


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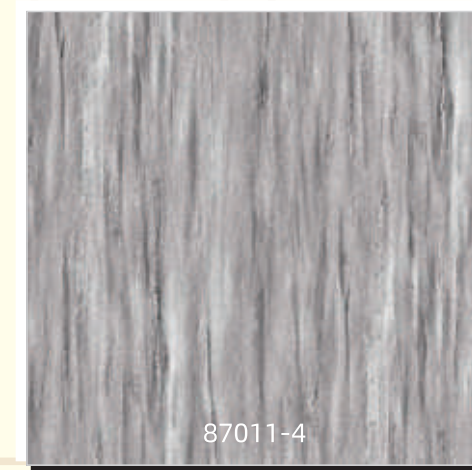
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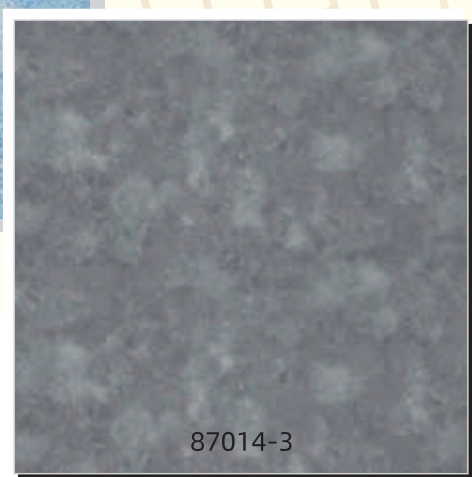


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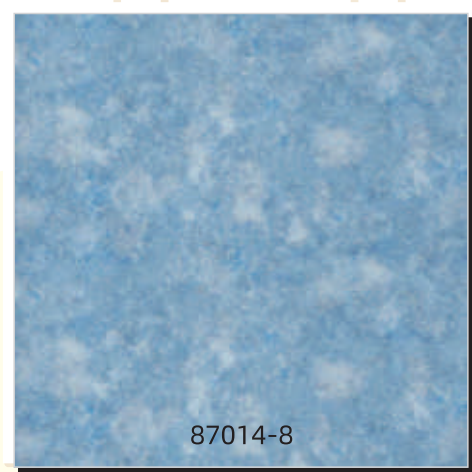
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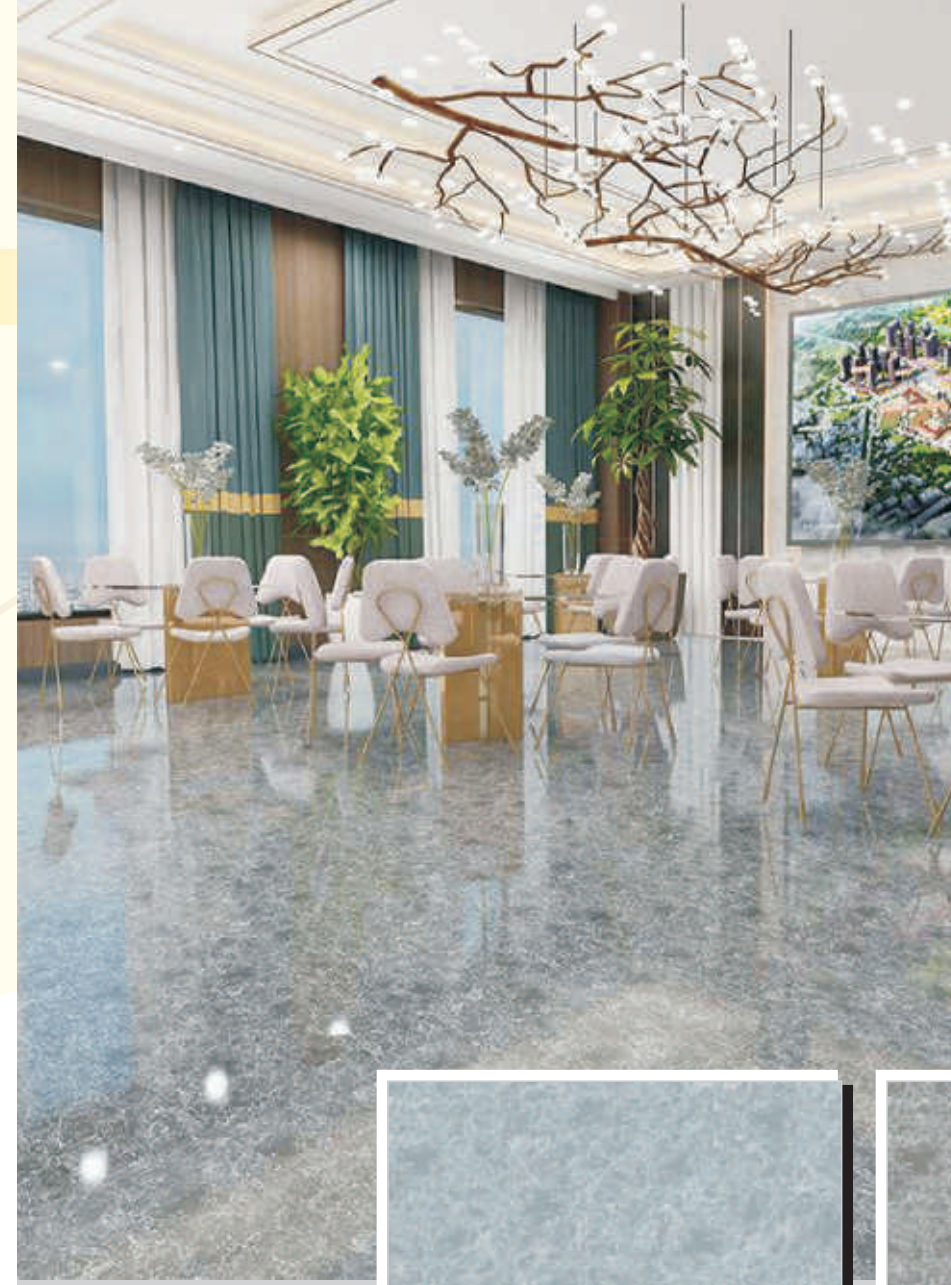
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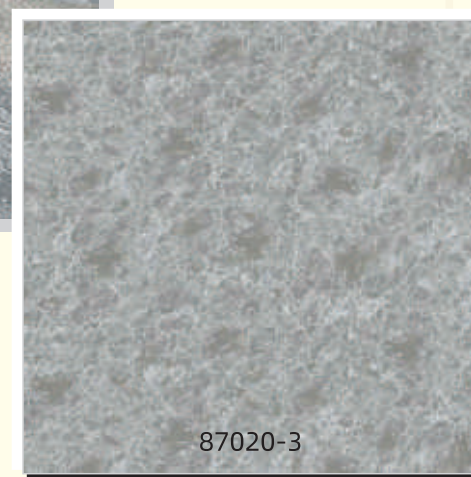


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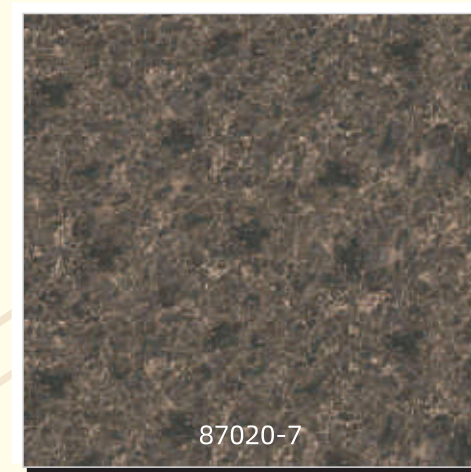
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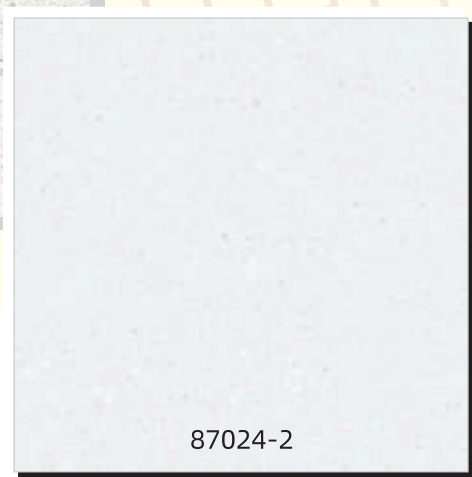


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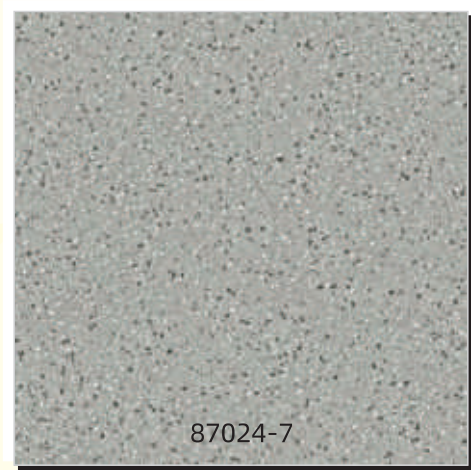
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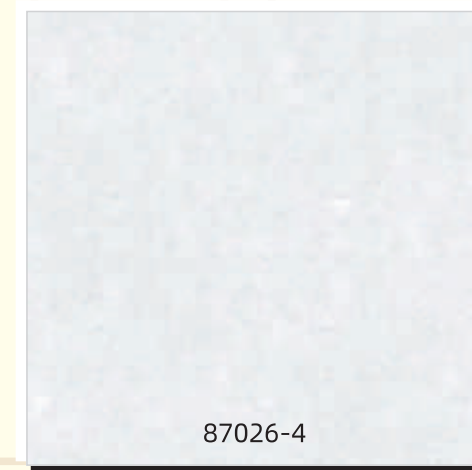
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