

天安新材全资控股
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HPL美耐板 · 浙江瑞欣 REXIN



HI CLEAN PRO HPL

抗指纹板



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PRODUCT INTRODUCTION



HI CLEAN PRO HPL

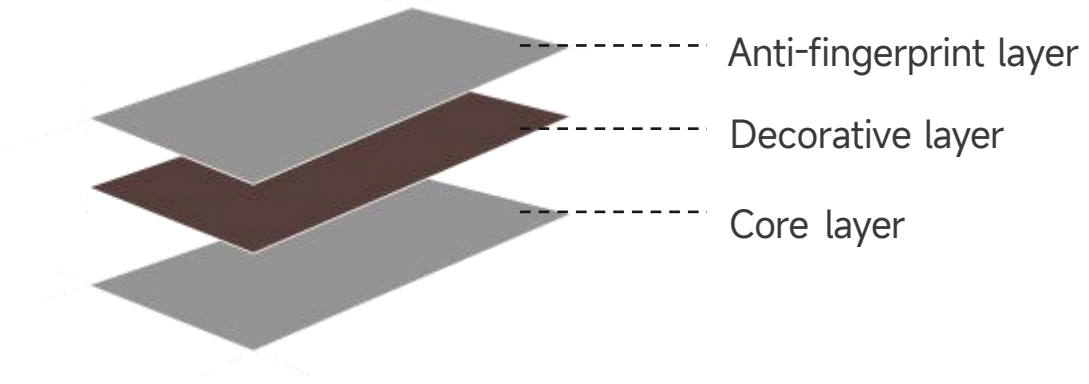
Zero Trace Pure Embrace

Tech-powered high-performance smart material with self-healing surface for minor scratches. Ideal for kitchens, bathrooms, furniture, healthcare, hotels, offices, and more. Elevate every space with refined durability.



PRODUCT INTRODUCTION

Product Structure



Product Specification

Size: 1220*2440MM

Thickness: 1MM



PRODUCT FEATURES

Five major product advantages ensure quality first



Anti-fingerprint

The AFP HPL features a nano-level oleophobic and hydrophobic coating that reduces surface energy to effectively block adhesion of contaminants such as sebum and sweat. Light stains can be wiped away with a damp cloth without chemical cleaners, saving time and effort.



Moisture, water, stain-resistant

Through a „bionic "lotus leaf effect" treatment, a dense hydrophobic layer is formed, causing water droplets to roll off instantly upon contact and preventing penetration.



Self-healing

The surface utilizes polymer resin-elastomer composite technology with micro-scratch repair functionality. Minor scratches ($\leq 20\mu\text{m}$) are automatically filled and smoothed under room temperature or mild heat, restoring the original finish.



Skin-friendly texture

A matte finishing process creates a warm, silky-smooth texture comparable to infant skin or fine silk.



Eco friendly

Compliant with E1 formaldehyde emission standards, the material is non-toxic and harmless, safeguarding the health of users and families.

■ ■ ■ **PRODUCT FEATURES**

SOFT TOUCH



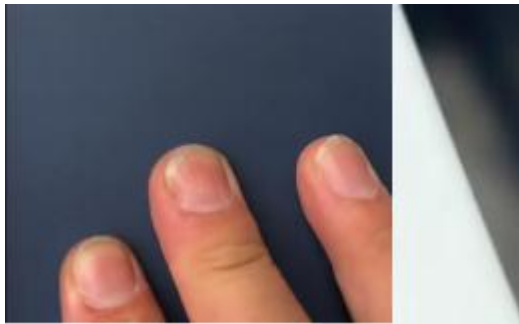
STAIN-RESISTANT



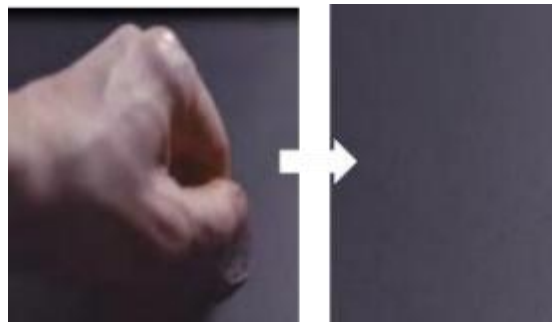
ANTI BACTERIAL



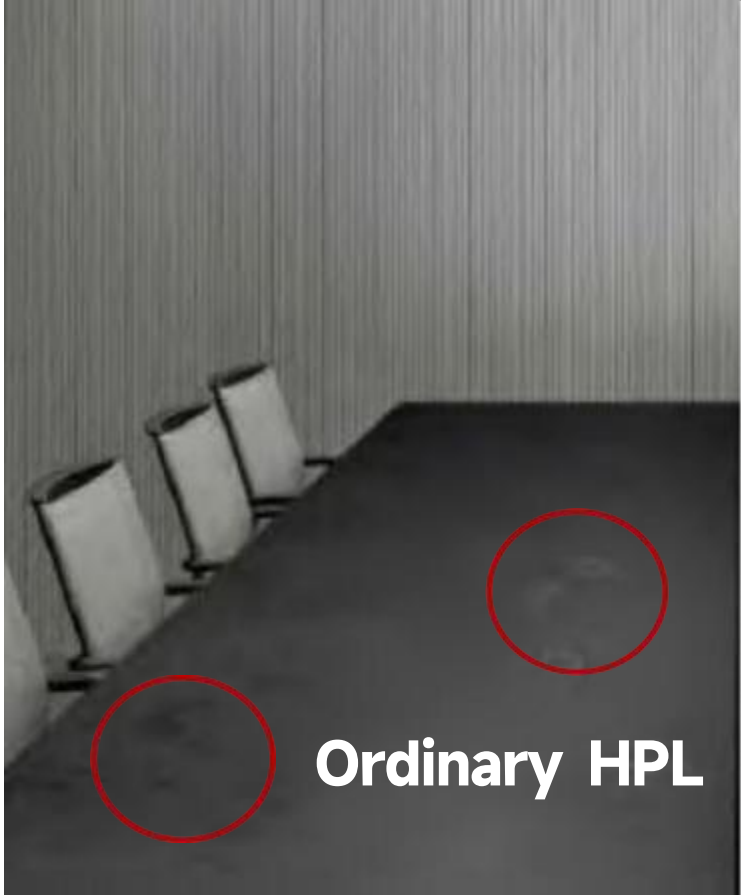
ANTI FINGERPRINT



SELF HEALING



■■■ **PRODUCT FEATURES**



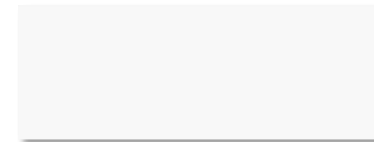

PHYSICAL PROPERTIES

Attribute	Test to	Unit	Requirement	Test Result (Black)
Wear resistance	GB/T 17657-2022 4.45	Cycles initial	≥150	680
		Cycles wear value	≥350	1570
Scratch Resistance	GB/T 17657-2022 4.42	N	—	2.0,magic eraser repairable
Boiling water resistance (surface)	GB/T 17657-2022 4.50	Rating	Grade 4	Grade 4
Dry heat resistance	Internal method, reference GB/T 17657-2022 4.48,oil temperature 180°C	Rating	Grade 4	Grade 4
Resistance to impact by Large-diameter ball	GB/T 17657-2022 4.53	mm	≥600	600
Staining Resistance	GB/T 17657-2022 4.43	Rating	Grade 4	Grade 4
Gloss Level	—	UG(60°)	≤8°	1.2°
Boiling water resistant	GB/T 17657-2022 4.52	Rating	Grade 4	Grade 4
Formaldehyde emission	GB 18580-2017	Rating	E1	E1

■■■ ANNUAL NEW COLORS



Annual
New Colors



36144
Feather White



36100
Creamy White



36112
Honey Beige



36138
Light Cloud Gray

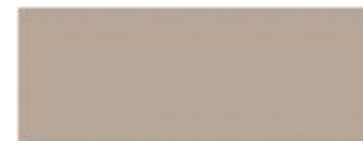
■ ■ ■ ANNUAL NEW COLORS



Annual
New Colors



36110
Autumn Mist Gray



36101
Mystic Coffee



36102
Mustard Purple



36107
Mustard Purple

■■■ ANNUAL NEW COLORS



Annual New Colors



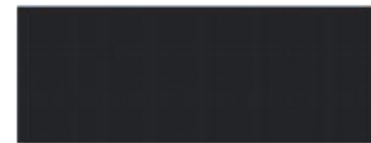
36104
Spiral Green



36137
Sunlit Brown



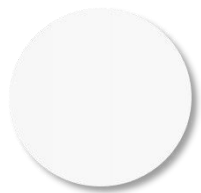
36136
Crimson Red



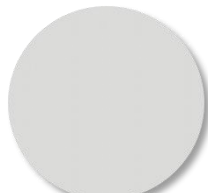
36123
Obsidian Black

NEW ANNUAL PALETTE

花色集合：



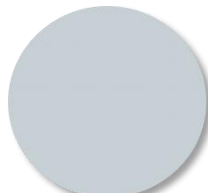
36144
Feather White



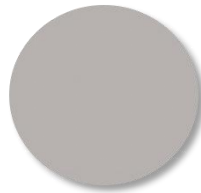
36100
Creamy White



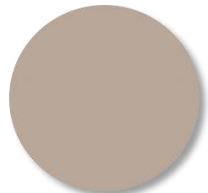
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Honey Beige



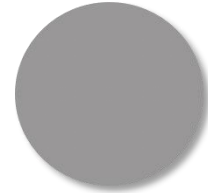
36138
Light Cloud Gray



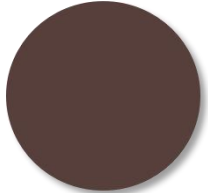
36110
Autumn Mist Gray



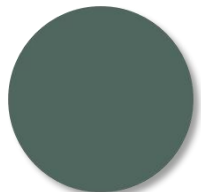
36101
Mystic Coffee



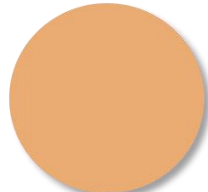
36102
Mustard Purple



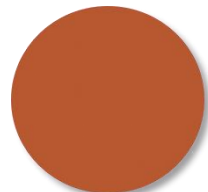
36107
Mustard Purple



36104
Spiral Green



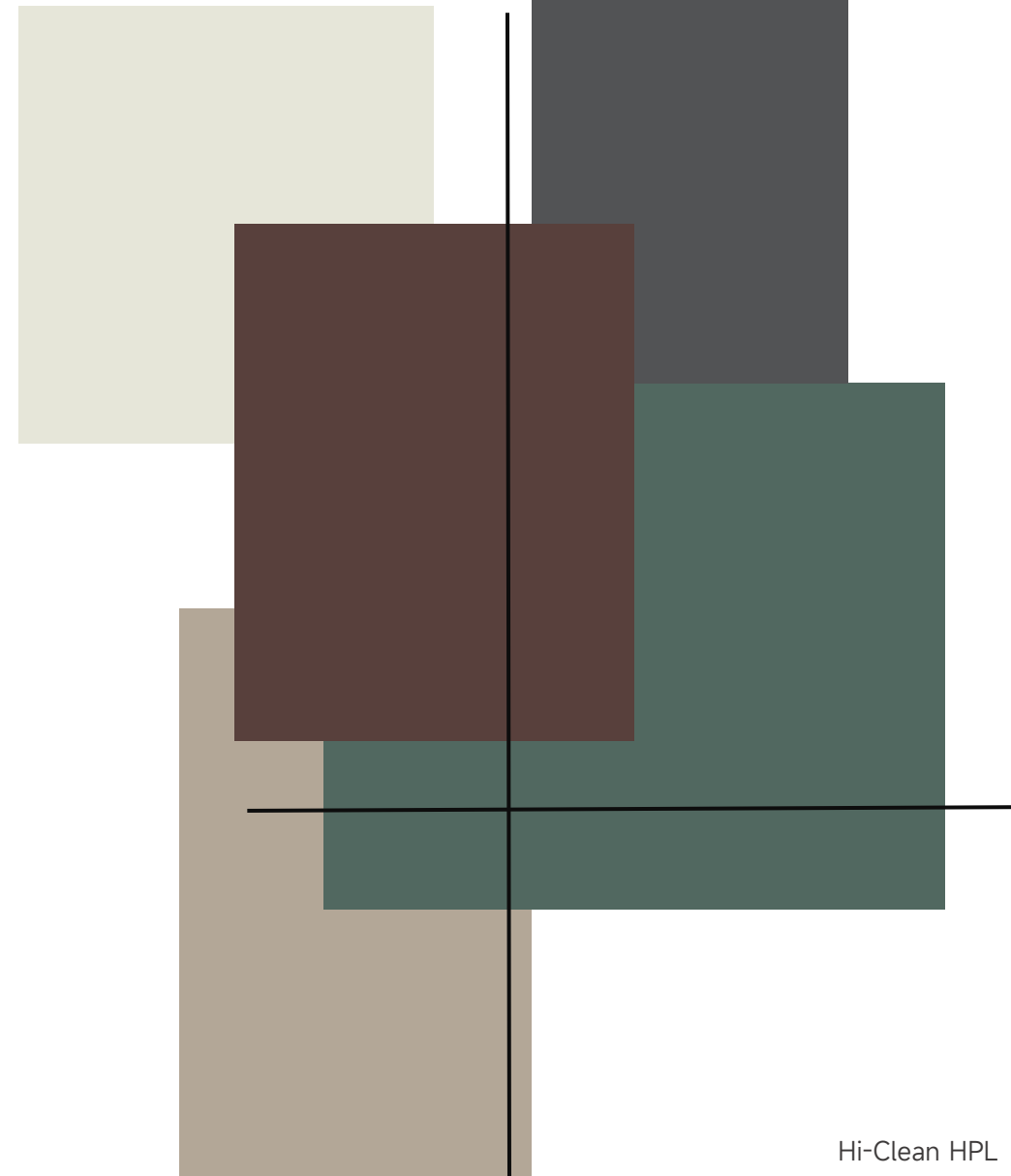
36137
Sunlit Brown



36136
Crimson Red



36123
Obsidian Black



MAINTENANCE



Maintenance

1. Aily Cleaning: Wipe the surface with a clean, soft cloth.



2. Stain Removal: Use a diluted neutral detergent for stubborn stains, then gently wipe.





MAINTENANCE



1. Do not allow cigarettes to contact the surface for more than 5 seconds.



2. Avoid scratching the surface with sharp objects.



3. Avoid scratching the surface with sharp objects.



4. Do not clean the surface with corrosive cleaners.



PRODUCT APPLICATION

Countertops

Conference Table

Countertop

Cabinet Countertop

Vanity/Dressing Table

Bathroom Vanity



Cabinets

Storage Cabinet

Furniture

Display Cabinet

Wine Cabinet



PRODUCT APPLICATION



Application Scenarios

Cabinets, Countertops, Walls, Furniture

Living & Dining Areas

The warm texture and deep hues create timeless elegance.

A matte finish softens the boldness of red, while dark tones imbue the space with understated luxury, crafting a uniquely dynamic atmosphere that blends sophistication with emotional resonance.

PRODUCT APPLICATION



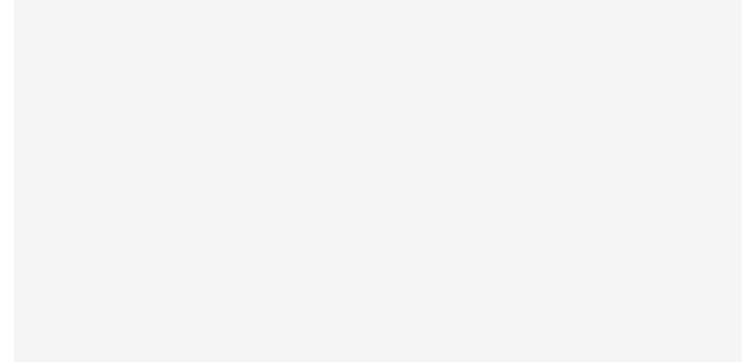
Application Scenarios

Desks, Conference Tables

Office Spaces

The black desk exudes modernity, with its distinctive tactile finish and ultra-matte appearance, capturing the essence of black aesthetics to perfection, radiating a self-defined sense of premium sophistication.

PRODUCT APPLICATION



Application Scenarios

Cabinet Surfaces, Storage Units

Home Furnishings

The soft Snow White harmonizes with gray-blue tones in balanced hues. Enhanced with antibacterial properties, this space invites you to breathe freely and effortlessly.

PRODUCT APPLICATION



Application Scenarios

Cabinetry & Bathroom Vanity

Bathroom Vanity

The matte finish paired with classic charcoal gray elevates premium aesthetics, while waterproof, moisture-resistant, antibacterial, and easy-to-clean properties offer a durable surface solution for washstands and cabinets.

PRODUCT APPLICATION



Application Scenarios

Cabinet surface, Storage cabinet

Entryway Storage Cabinets

Geometric lines flow through the entry space, resembling dynamic artistic strokes. Each curve is meticulously crafted to harmonize with the ultra-matte surface design, evoking an elegant dance of form and texture. Inherent linear beauty merges minimalist style with functional practicality, delivering both visual sophistication and tactile comfort.



www.tianan.group

www.rexinnet.com

www.rexinhpl.com

电话: +86-21-52562626

传真: +86-21-52562622

E-mail: marketing@rexinnet.com



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GREENGUARD



GREENGUARD GOLD



DNV EC MED-B+D



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ISO9001 & ISO14001



CARBON FOOTPRINT