



ADHESIS

LA DÉCORATION ADHÉSIVE

TGA[®]

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Finishing solutions for interior and exterior decoration, furniture, advertising signs, transportation wrapping etc.



GB8624-2012 B1-Grade fire protection



GB environmental certification



Anti-pollution and moisture proof



3D surface wrapping



Easy to clean



All items have existing stocks



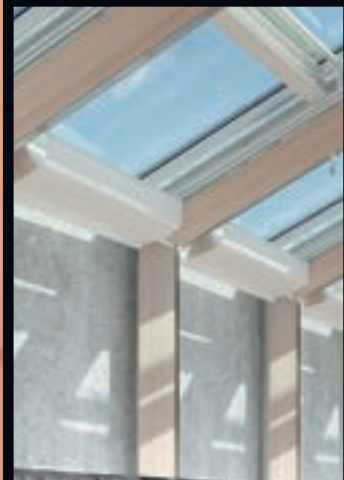
Vivid effect of natural materials, a variety of colors can be arbitrarily selected.



can be customized according to customer requirements.



More efficient installation. Many substrates styles can be applied, and be quickly refurbished.



Non-toxic and smell-free. No noise during construction.

Featured Benefits of TGA® Interior Film

01

Finishing solutions for interior and exterior decoration, furniture, advertising signs, transportation wrapping etc.

02

Substrates — Use on metal, wood, glass and more.

03

Aesthetics — Resemble natural materials and other types of surfaces to deliver the look you want.

04

Remodel and Reuse - Goes up fast, with less likelihood of error and waste, and bring life to existing assets. The architectural finishes convert wood or metallic spaces to reflect an entirely new design with abstract or colored finishes.



Application Process

Surface preparation and priming for various substrates

SUBSTRATE	Wood Luan Veneer Chinese Veneer Hardboard	Plaster Board Calcium Silicate Board Asbestos Slate	PVC Coated Steel TGA Applied Over TGA	Mortar	Bonderized Steel Plate Baked Enamel Paint on Steel	Aluminium Plate Stainless Steel
SURFACE PREPARATION						
Conditioning	Remove /grind down protruding nail heads			Trowel finish Dry Surface	Remove surface rust	
Sealing		Solvent or Water Based Sealer		Solvent or Water Based Sealer		
Puttying	Putty over surface roughness, screw holes, etc. Fine putty for finishing		Polyeste putty	Putty over surface roughness, etc	Polyeste putty	
Polishing	#100-180 Grit Sandpaper				Use grinder to remove lugs and welds #100-180 Grit Sandpaper	
Surface Cleaning	Alcohol or Toluene- based thinner					

Physical and Chemical Properties

Roll Size

Roll size 1220mm x 50m

Minimum Application Temperature

5°C

(Use jet-heaters to warm up surrounding area before applying in low temperature environments.)

Ideal Application Temperature Range

15 ~ 25°C

Storage Conditions

Store film in a clean dry environment free from direct sunlight and at an ambient temperature below 35 °C.

Use within 2 year of purchase.

Weatherability

The product was exposed to UV light, heat and humidity in a Carbon Arc weatherometer for 250 hours.

Test Result : No effect on the film

Dimensional Stability

100mm x 100mm² gash was made in a 150mm x 150mm film sample that was applied to an 200mm x 200mm aluminium plate. The sample was exposed to a temperature of 50°C for 48 hours and the maximum opening of the gash was measured.

Test Result : Less than 0.5mm

Usage Temperature

The film was applied to an aluminium plate and exposed to temperatures in the range of -20°C to 65°C for 5 days

Test Result: No peeling or discolouration

Abrasion resistance

Product applied to an aluminum plate and exposed to 7000 cycles using Taber Abraser CS-17 with a 1kg load

Test Result : No pattern change

Heat Resistance

Product applied to an aluminium plate and aged for 30 days at 65°C.

Test Result: Minimal change to adhesion and film appearance

Low Temperature Impact Resistance

Equipment used - Impact Tester

Drop height: 1m Weight of bob:1KG

Temperature: 0°C

Test Result: No effect on the surface of the film

Humidity Resistance

Product applied to an aluminium plate and aged for 30 days at 35°C , 80% relative humidity

Test Result : Minimal change to adhesion and film appearance

Chemical resistance

Conditioned for 72 hours and then immersed in the chemical agents.

Test Result :

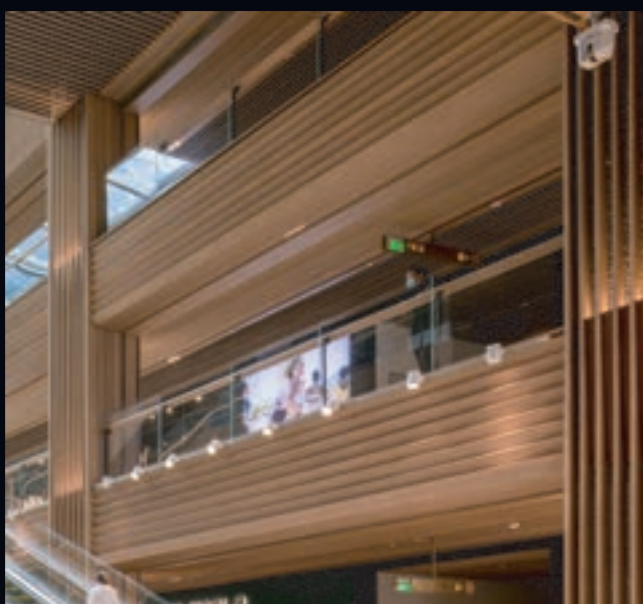
HEPTANE	5 hours	No effect
ETHYL ALCOHOL	5 hours	No effect
WATER	1 week	No effect
SALT SPRAY	1 week	No effect
METHYLALCOHOL	20 mins	Severe attack
XYLENE	20 mins	Severe attack

Stain Resistance

Placed in direct contact with the substances for 18 hours

Ketchup / Salt Water(1%) / Milk
 Hydrochloric Acid (10%) / Lemon Juice / Red Wine
 Cola / Alcohol(50%) / Black Tea / Household Grade
 Ammonia / Coffee / Soapy Water(1%)
 Soda / Formalin / Vinegar / Yoghurt

Test Result: No stains on film



Cleaning

1. Use commercially available synthetic detergent. Avoid using organic solvents or strong detergents that are either highly alkaline ($\text{pH} > 11$) or acidic ($\text{pH} < 3$).
2. Use a soft cloth or cleaning sponge. Do not use sponges or cleaning cloths that contain abrasive materials.
3. After cleaning, wash off all remaining detergent with water Removal.

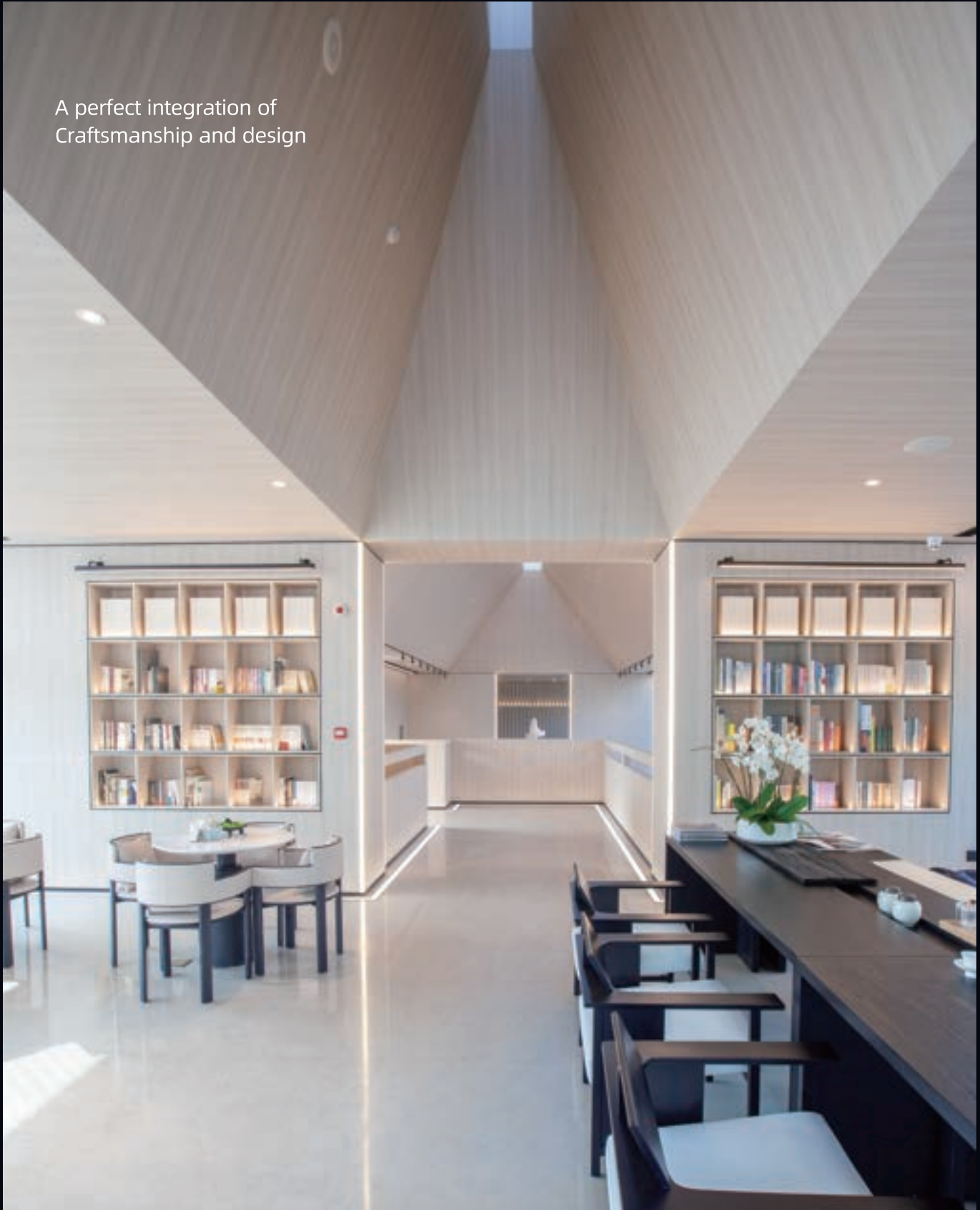
Removal

1. Make cuts about 20cm apart in the film, making sure not to damage the substrate.
2. Use a hair drier to warm and soften the film.
3. Remove the strips of film.
4. If adhesive remains on the substrate, remove it using lacquer thinner, or similar solvent.

Wood



A perfect integration of
Craftsmanship and design



Series	Size
ES	W1,220mmXL50m

Scan the QR code
for HD picture



ES-576

Oak Edge Grain



ES-512

Oak Edge Grain



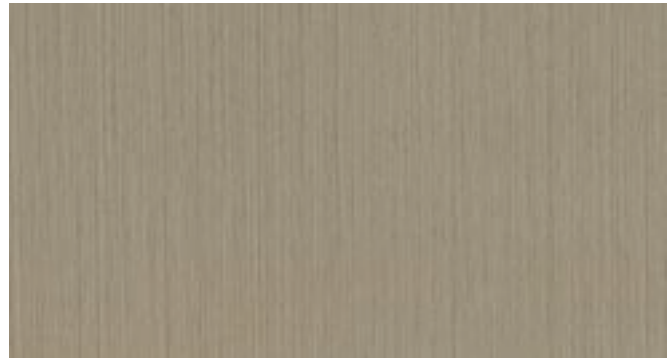
ES-581

Pine Edge Grain



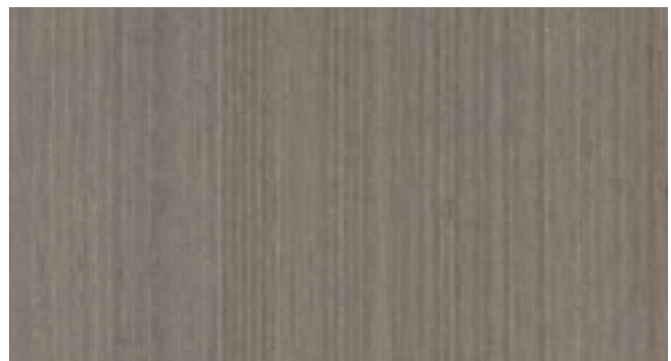
ES-577

Oak Edge Grain



ES-511

Oak Edge Grain



ES-582

Pine Edge Grain

Wood



ES-596

Nice Edge Grain



ES-597

Nice Edge Grain

Series	Size
ES	W1,220mmXL50m

Scan the QR code
for HD picture



ES-607

Oak Edge Grain



ES-608

Oak Edge Grain

Wood



ES-613

Oak Edge Grain



ES-614

Oak Edge Grain

Series	Size
ES	W1,220mmXL50m

Scan the QR code
for HD picture



ES-621

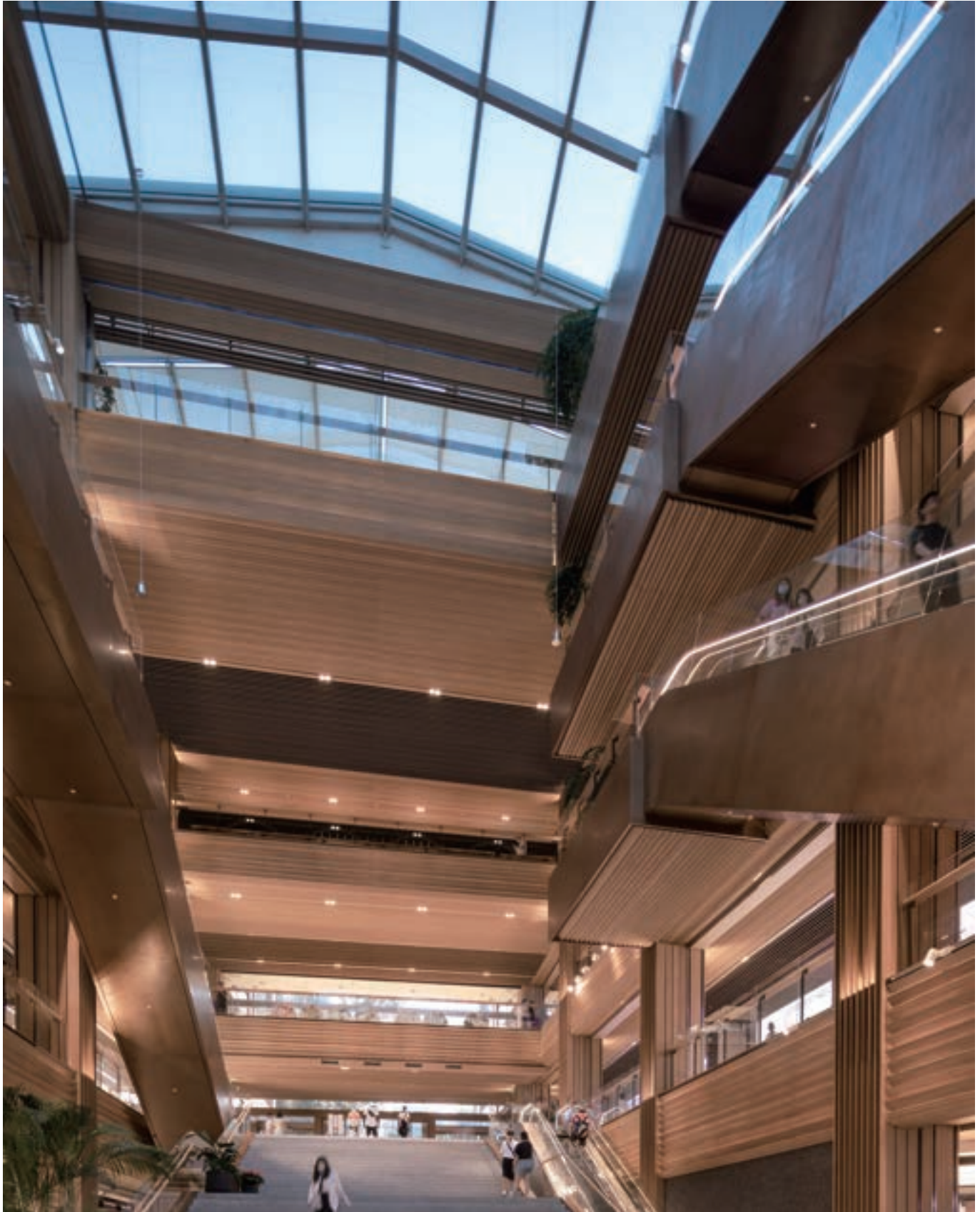
Eucaly Edge Grain



ES-623

Eucaly Edge Grain

Wood



Series	Size
ES	W1,220mmXL50m

Scan the QR code
for HD picture



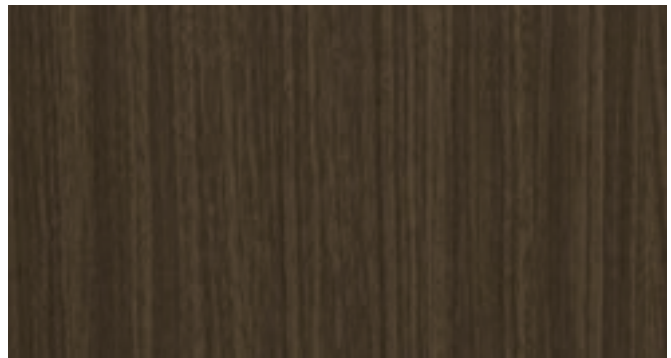
ES-517 Walnut Edge Grain



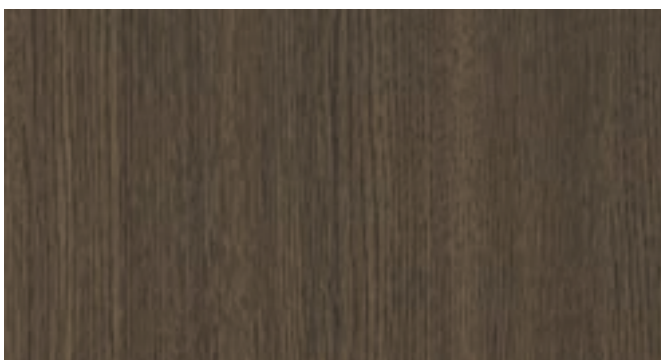
ES-518 Walnut Edge Grain



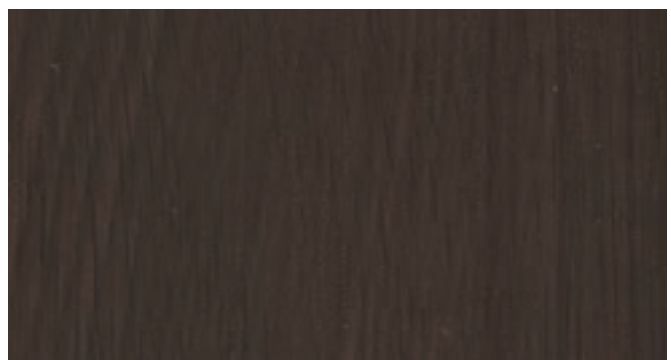
ES-551 Elm Edge Grain



ES-546 Walnut Edge Grain



ES-528 Oak Edge Grain



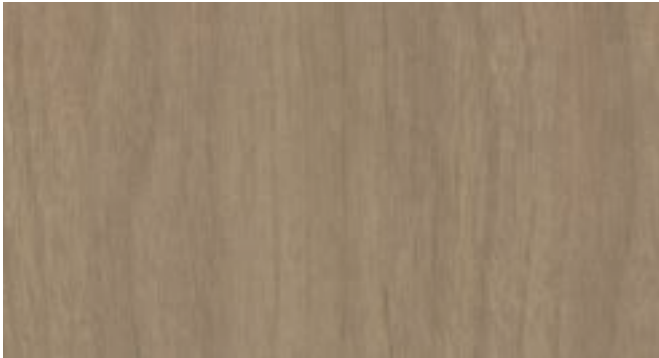
ES-593 Oak Flat Grain

Wood



Series	Size
ES	W1,220mmXL50m

Scan the QR code
for HD picture



ES-586

Walnut Flat Grain



ES-526

Oak Edge Grain



ES-521

Oak Edge Grain



ES-617

Oak Edge Grain



ES-562

Walnut Edge Grain



ES-563

Walnut Edge Grain

Wood



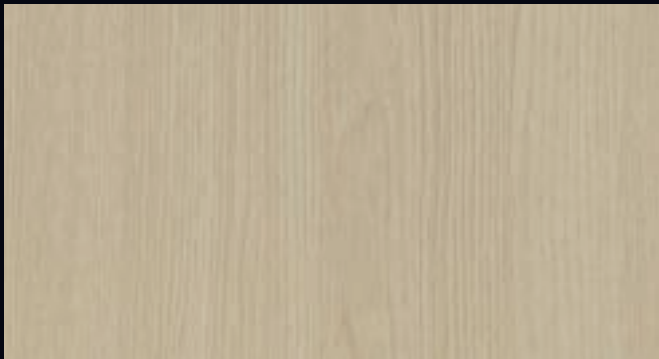
ES-532

Ash Edge Grain



ES-502

Ash Edge Grain



ES-501

Ash Edge Grain



ES-559

Oak Flat Grain



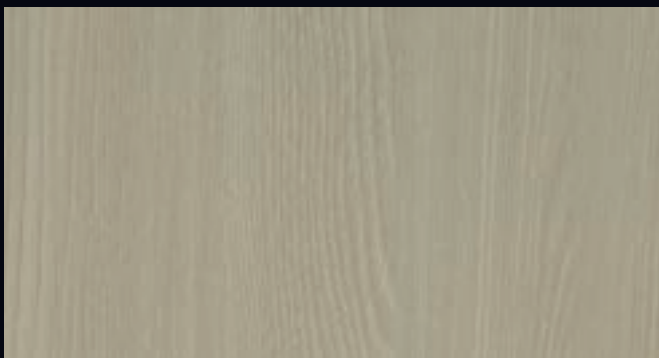
ES-503

Ash Edge Grain



ES-622

Eucaly Edge Grain



ES-506

Elm Flat Grain



ES-598

Nice Edge Grain

Series	Size
ES	W1,220mmXL50m

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for HD picture



ES-632

Oak Edge Grain



ES-533

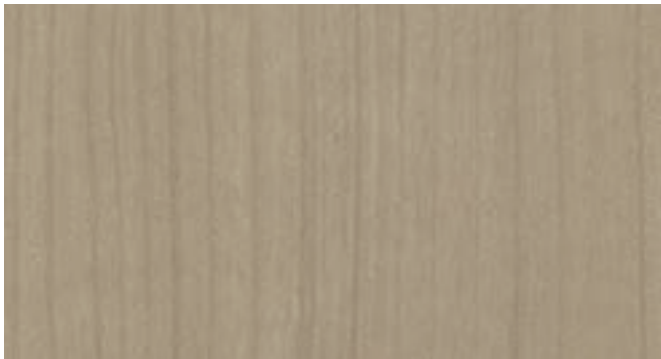
Ash Edge Grain

Wood



ES-527

Oak Edge Grain



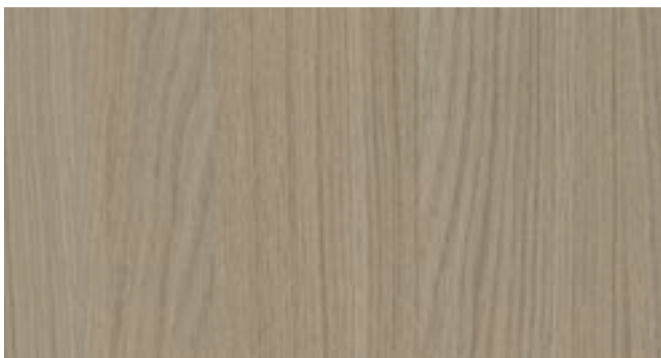
ES-602

Cherry Edge Grain



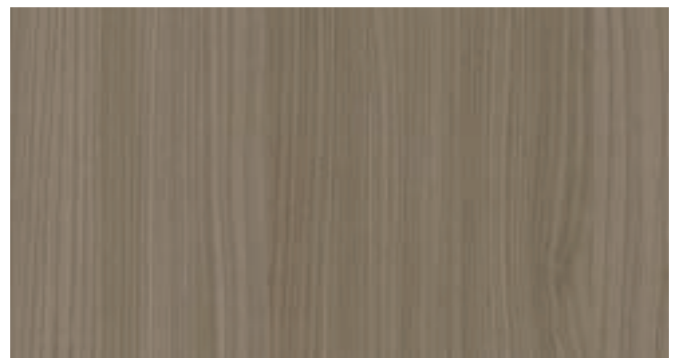
ES-507

Elm Flat Grain



ES-516

Walnut Edge Grain



ES-541

Elm Edge Grain

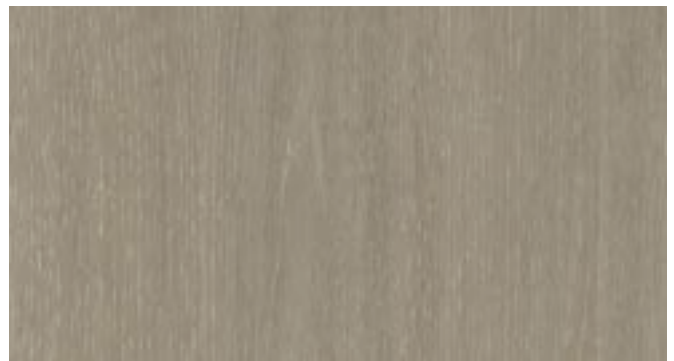
Series	Size
ES	W1,220mmXL50m

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ES-557

Oak Flat Grain



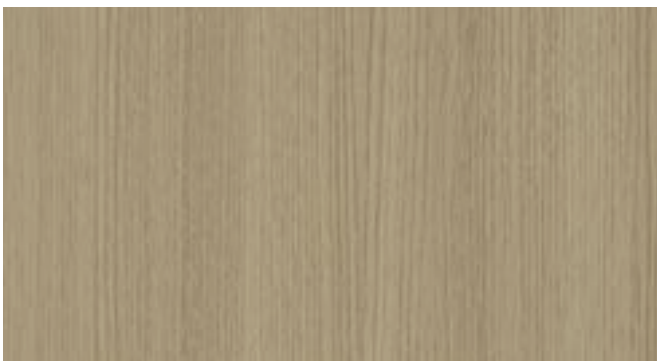
ES-571

Oak Flat Grain



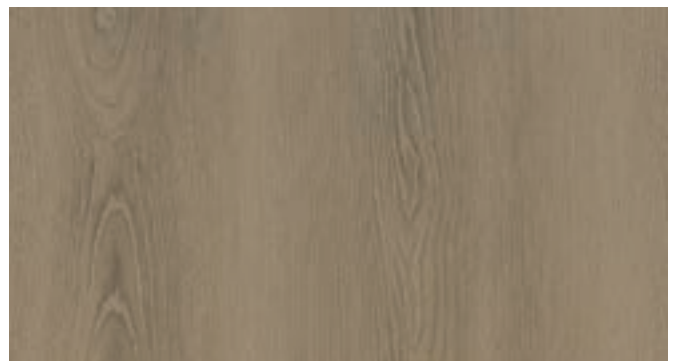
ES-606

Oak Edge Grain



ES-522

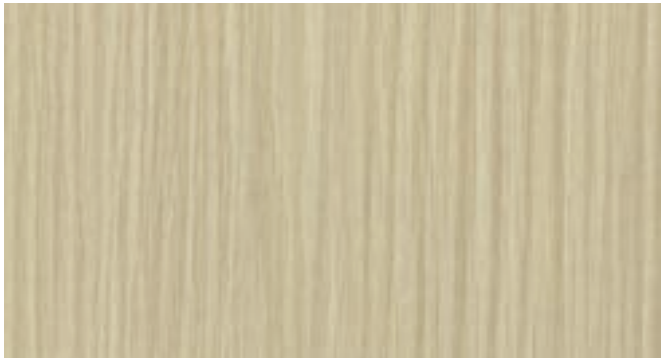
Oak Edge Grain



ES-558

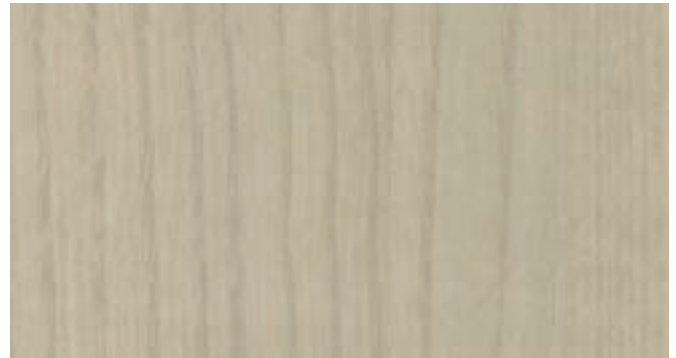
Oak Flat Grain

Wood



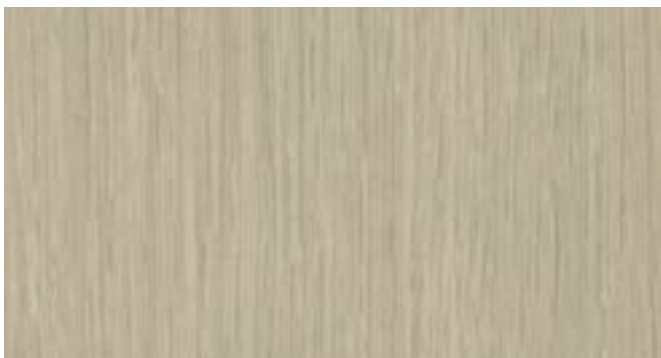
ES-616

Oak Edge Grain



ES-631

Oak Edge Grain



ES-611


Oak Edge Grain



ES-556

Oak Flat Grain

Series	Size
ES	W1,220mmXL50m

Scan the QR code for HD picture 



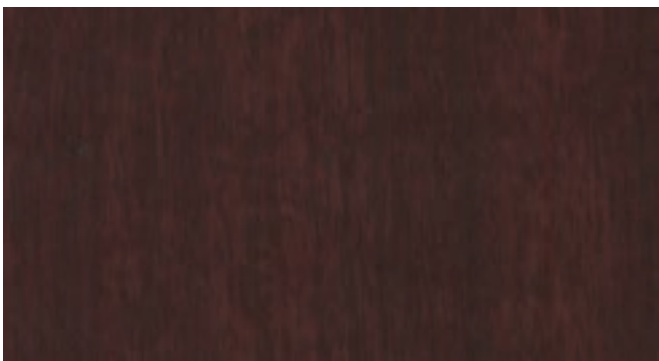
ES-624

Eucaly Edge Grain



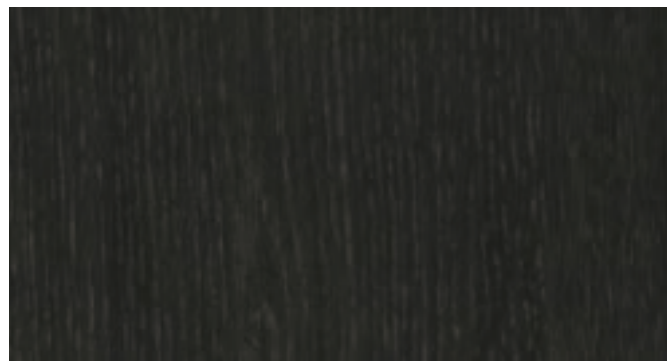
ES-628

Elm Edge Grain



ES-636

Sapele Edge Grain



ES-573

Oak Flat Grain

Wood



ES-578

Oak Edge Grain



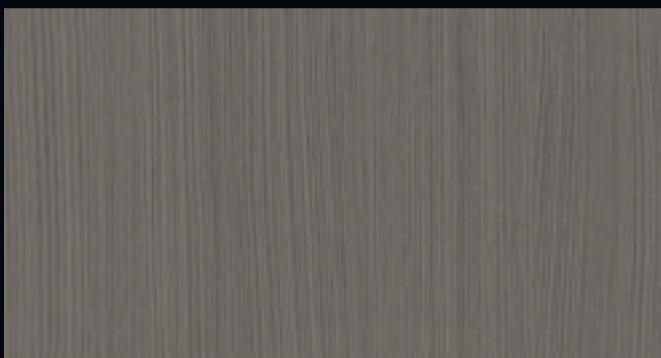
ES-537

Elm Edge Grain



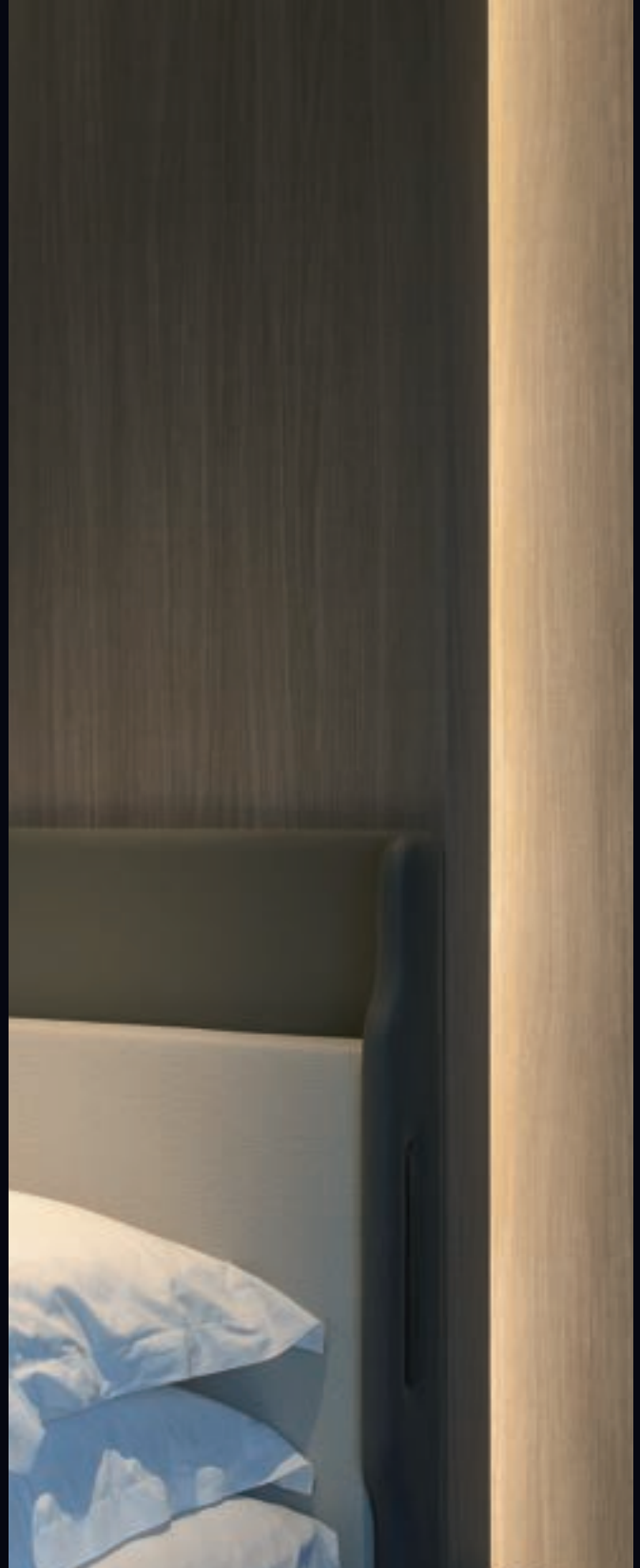
ES-627

Elm Edge Grain




ES-531

Ash Edge Grain



Series	Size
ES	W1,220mmXL50m

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ES-536

Elm Edge Grain



ES-508

Elm Flat Grain



ES-566

Teak Edge Grain



ES-572

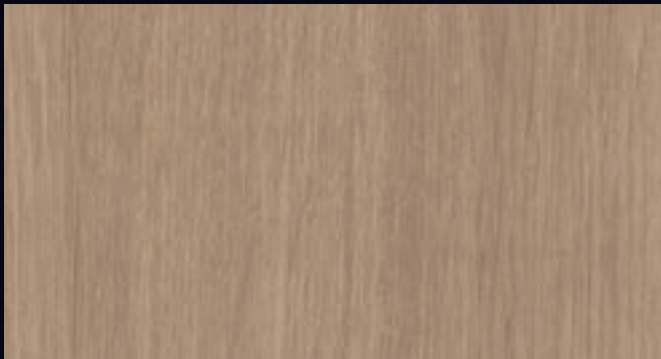
Oak Flat Grain

Wood



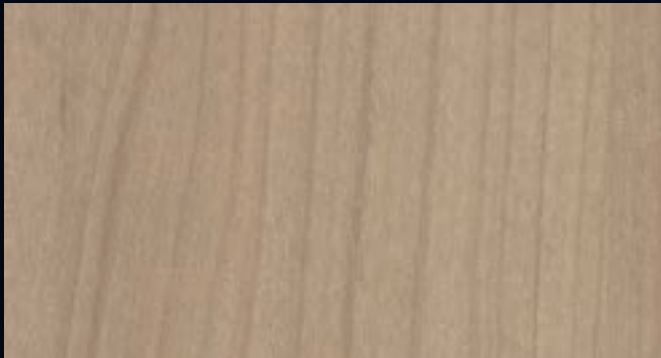
ES-587

Walnut Flat Grain



ES-591

Oak Flat Grain



ES-601

Cherry Edge Grain



ES-626

Elm Edge Grain



Series	Size
ES	W1,220mmXL50m

Scan the QR code
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ES-561

Walnut Edge Grain



ES-612

Oak Edge Grain



ES-592

Oak Flat Grain



ES-603

Cherry Edge Grain

Wood



Crafting the unique style
That is gentle and natural

Series	Size
GS	W1,220mmXL50m

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GS-003 Ash Edge Grain



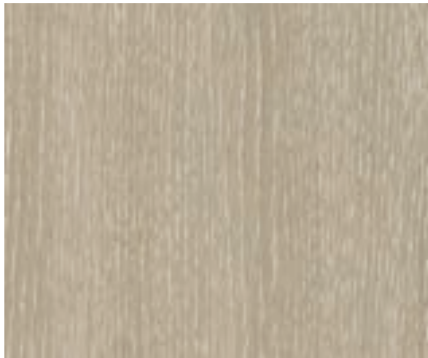
GS-066 Teak Edge Grain



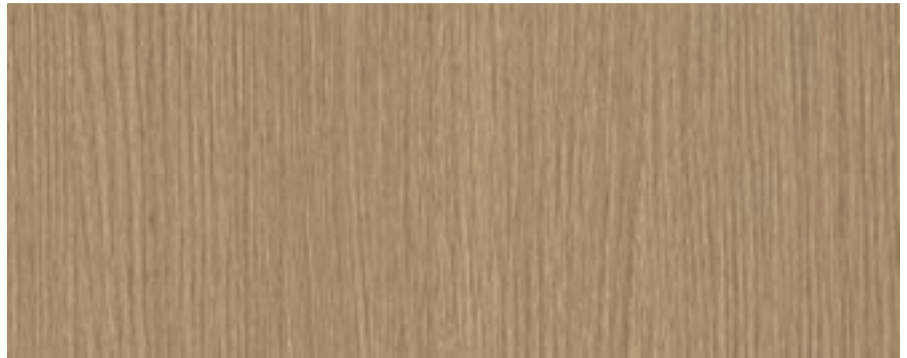
GS-181 Teak Mixed Grain



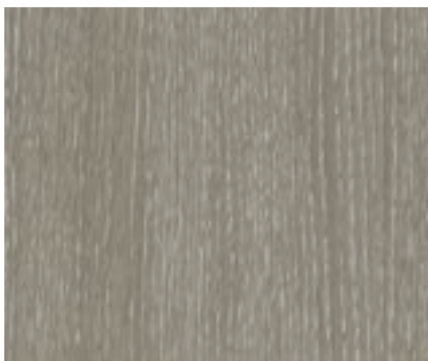
GS-011 Oak Edge Grain



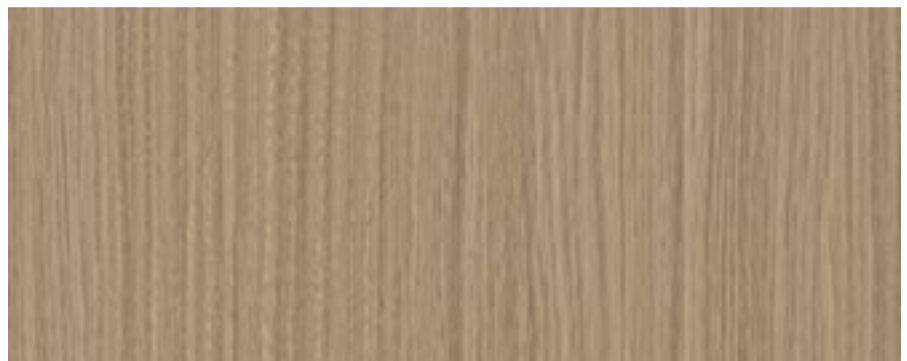
GS-151 Oak Edge Grain



GS-013 Oak Edge Grain



GS-152 Oak Edge Grain

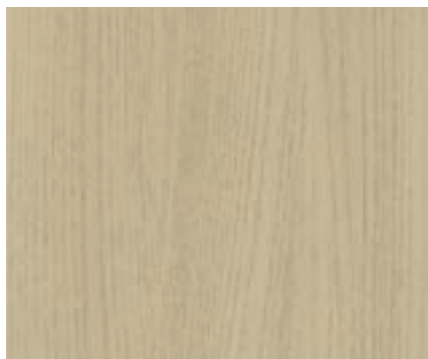


GS-002 Walnut Edge Grain

Wood

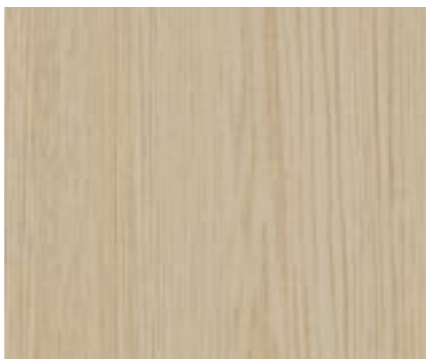


GS Series



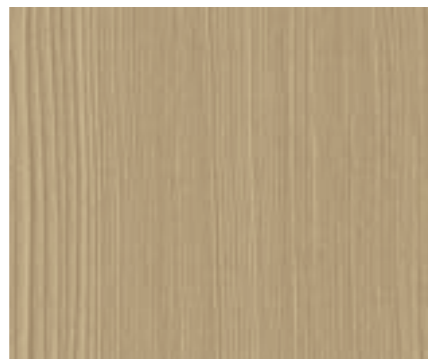
GS-036

Maple Edge Grain



GS-031

Oak Flat Grain



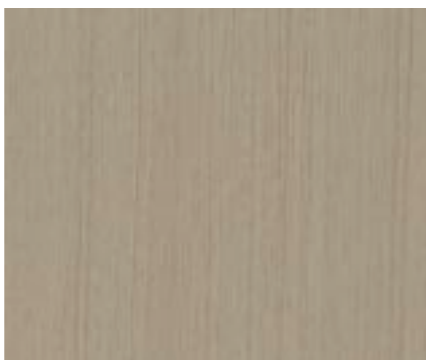
GS-101

Pine Edge Grain



GS-161

Bamboo Edge Grain



GS-021

Cherry Edge Grain



GS-082

Ash Edge Grain

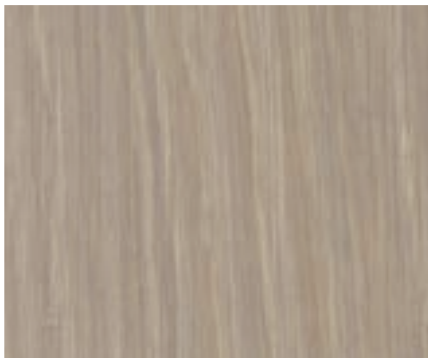


Series	Size
GS	W1,220mmXL50m

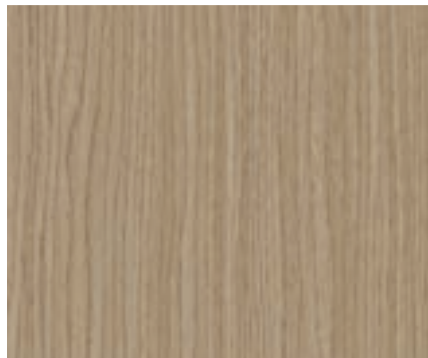
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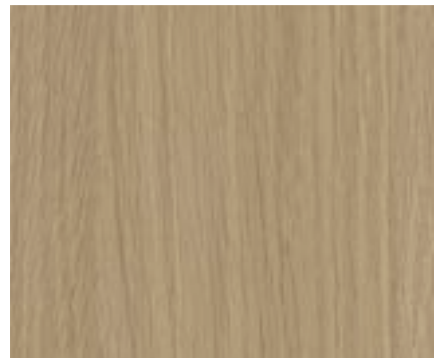
GS Series



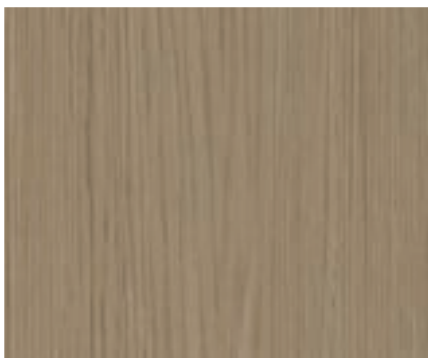
GS-046 Oak Edge Grain



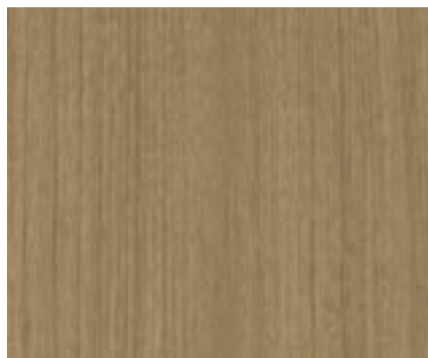
GS-111 Maple Edge Grain



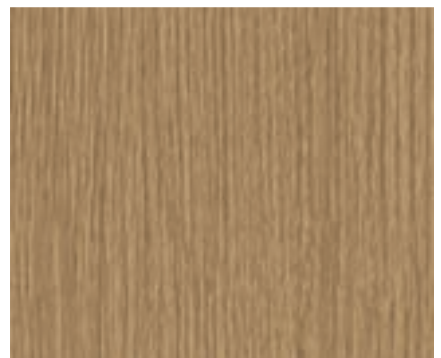
GS-071 Oak Edge Grain



GS-032 Oak Flat Grain



GS-022 Cherry Edge Grain



GS-012 Oak Edge Grain

Wood

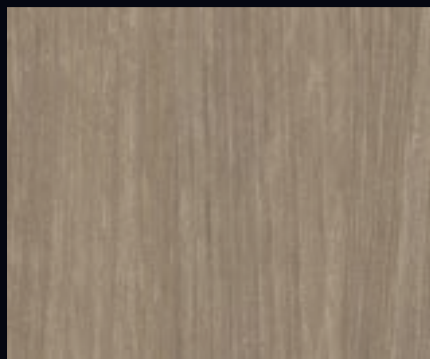


GS Series



Series	Size
GS	W1,220mmXL50m

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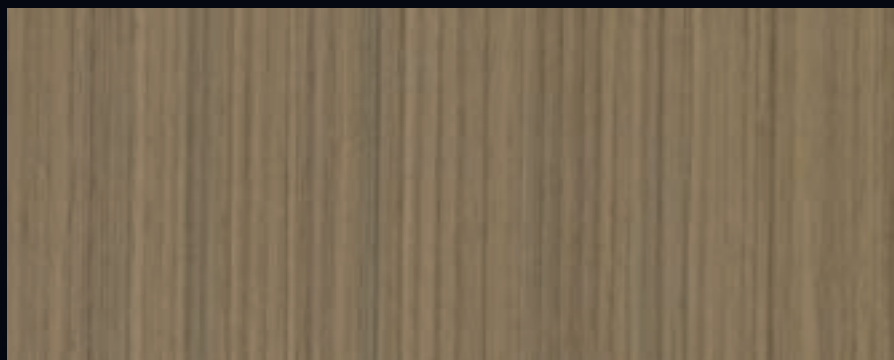
GS-056 Oak Edge Grain



GS-057 Oak Edge Grain



GS-162 Bamboo Edge Grain



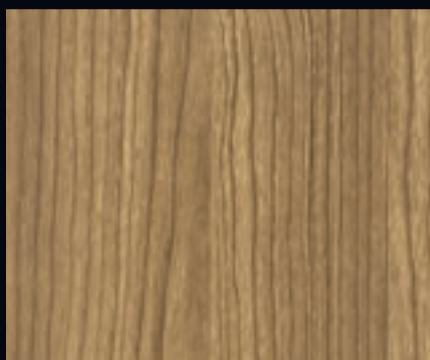
GS-068 Teak Edge Grain



GS-171 Walnut Edge Grain



GS-061 Teak Edge Grain



GS-017 Cherry Edge Grain



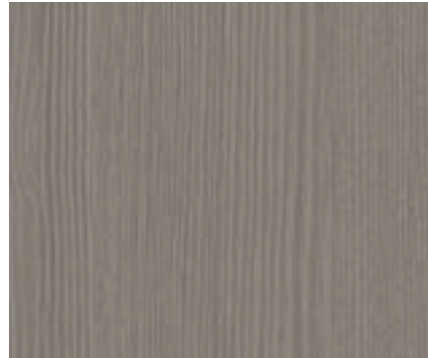
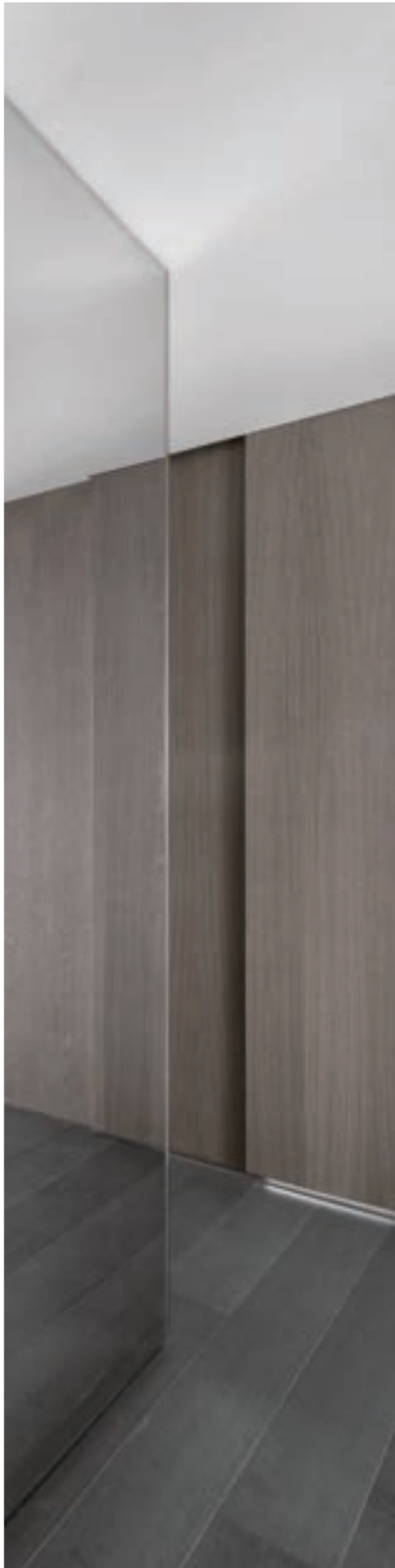
GS-092 Walnut Edge Grain

Wood

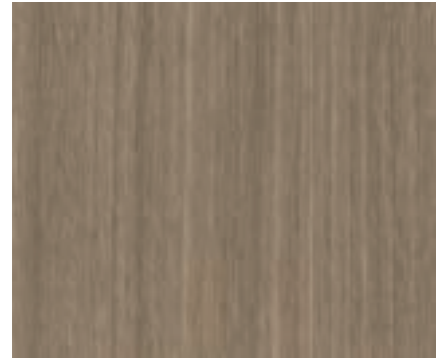


Series	Size
GS	W1,220mmXL50m

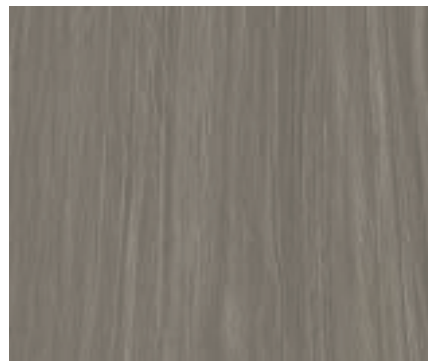
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for HD picture



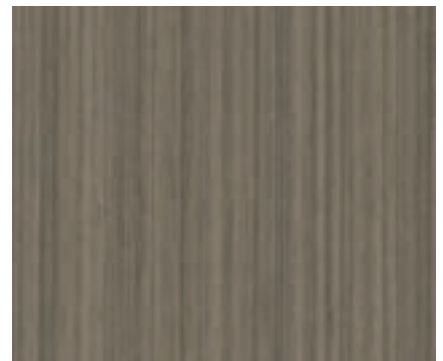
GS-001 Ash Edge Grain



GS-141 Sycamore Edge Grain



GS-023 Cherry Edge Grain



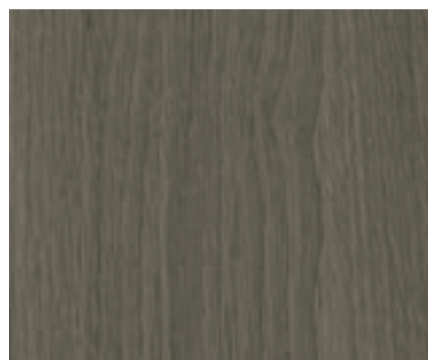
GS-067 Teak Edge Grain



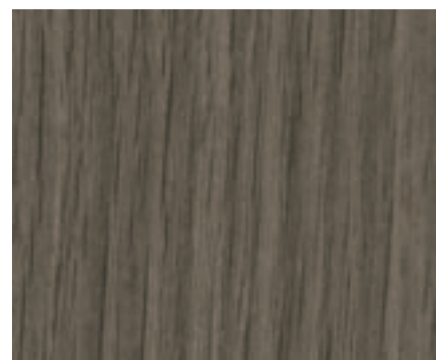
GS-081 Ash Edge Grain



GS-058 Oak Edge Grain



GS-072 Oak Edge Grain



GS-073 Oak Edge Grain

Wood



GS Series



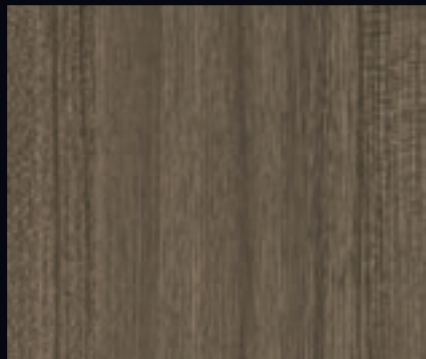
GS-182 Teak Mixed Grain



GS-183 Teak Mixed Grain



GS-091 Cherry Edge Grain



GS-062 Teak Edge Grain



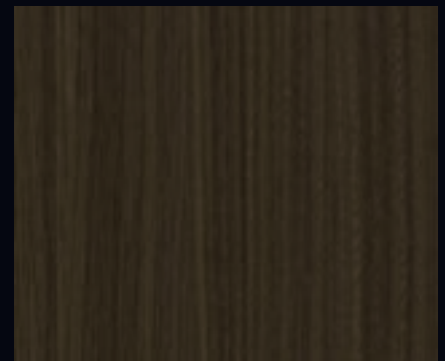
GS-131 Walnut Flat Grain

Series	Size
GS	W1,220mmXL50m

Scan the QR code
for HD picture



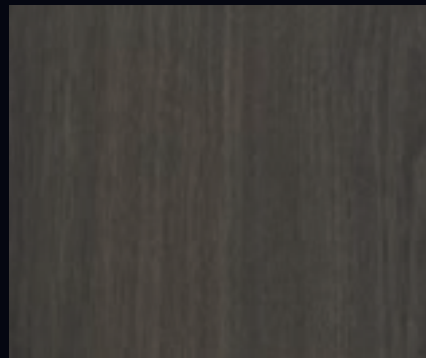
GS-052 Teak Edge Grain



GS-093 Cherry Edge Grain



GS-063 Teak Edge Grain



GS-132 Walnut Flat Grain



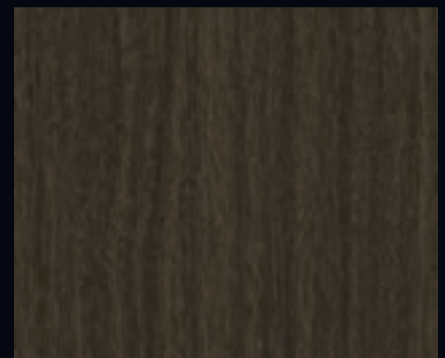
GS-051 Teak Edge Grain



GS-016 Cherry Edge Grain



GS-041 Walnut Edge Grain



GS-042 Walnut Edge Grain

Matel



MC Series



High quality material and production give it life

Series	Size
MC	W1,220mmXL50m

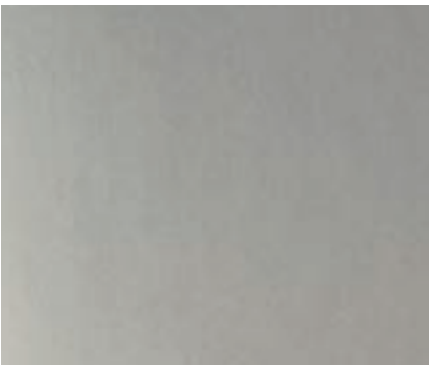
Scan the QR code
for HD picture



MC-416



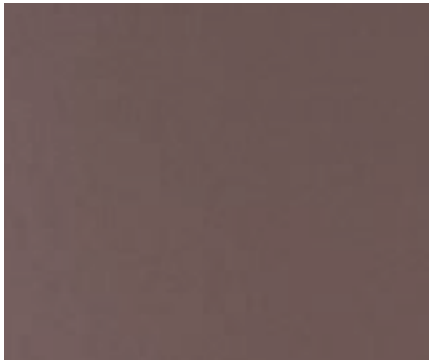
MC-401



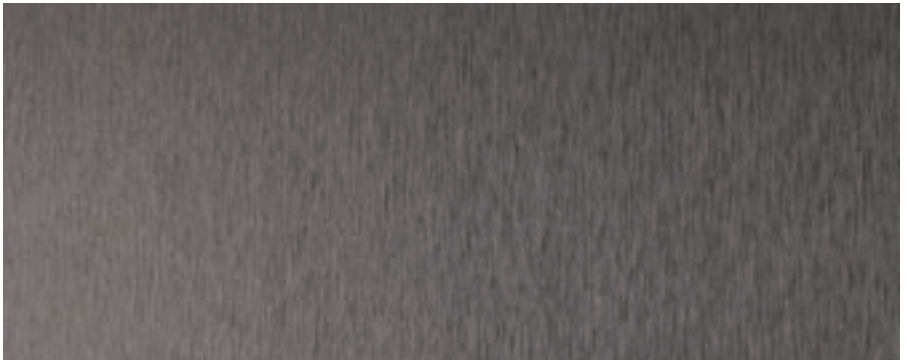
MC-417



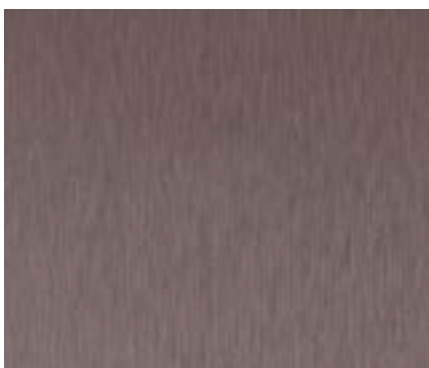
MC-402



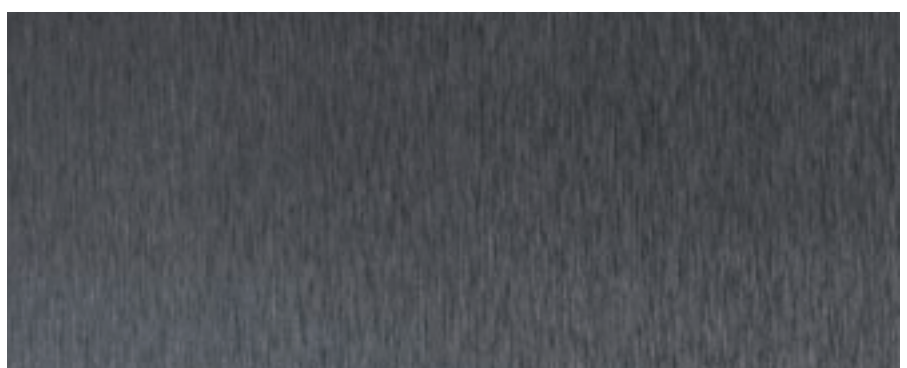
MC-418



MC-406



MC-403



MC-404

Textile



An Ingrained Natural Look
With Excellent Texture



Series	Size
LC	W1,220mmXL50m

Scan the QR code
for HD picture



LC-312



LC-301



LC-306



LC-311



Stone



Fervent but also degage

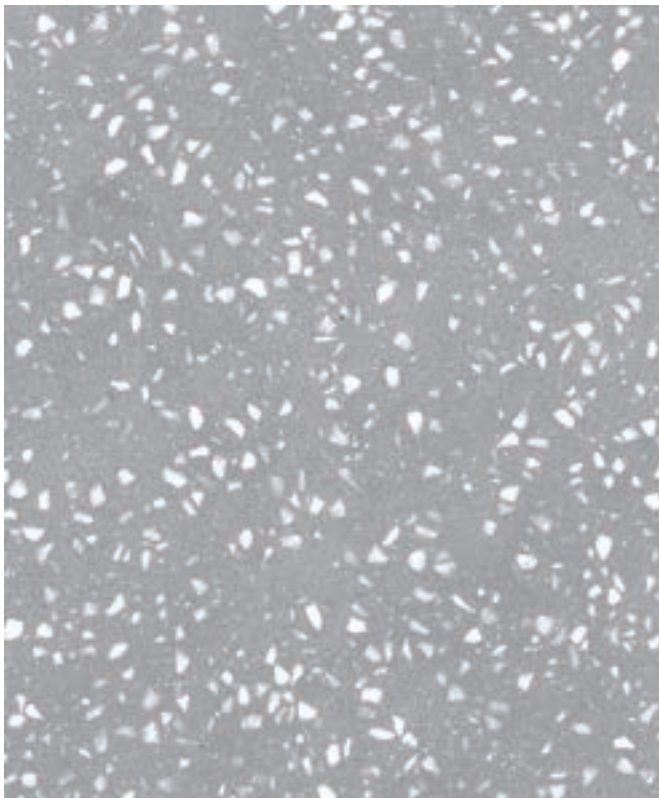
Series	Size
TC	W1,220mmXL50m

Scan the QR code
for HD picture

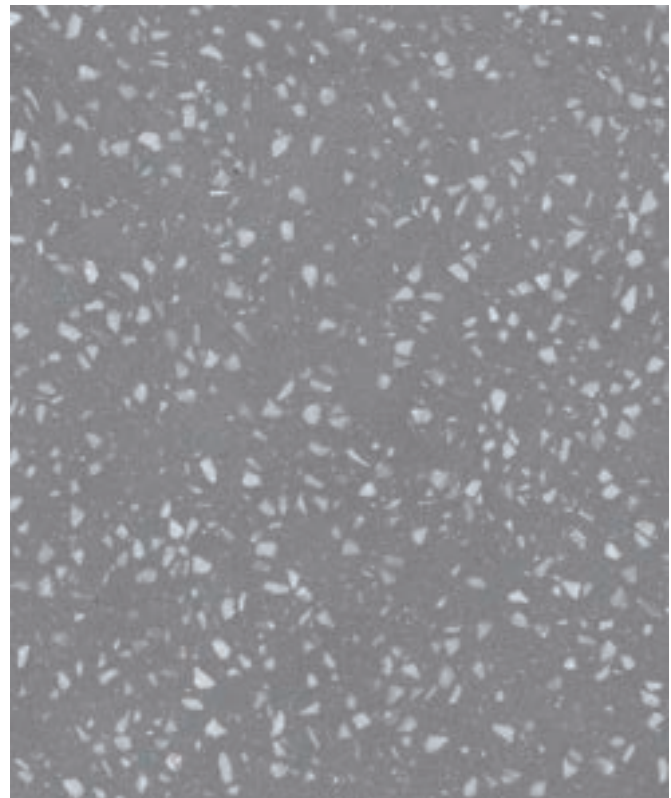


TC-801

Stone



TC-811



TC-812

Series	Size
TC	W1,220mmXL50m

Scan the QR code
for HD picture



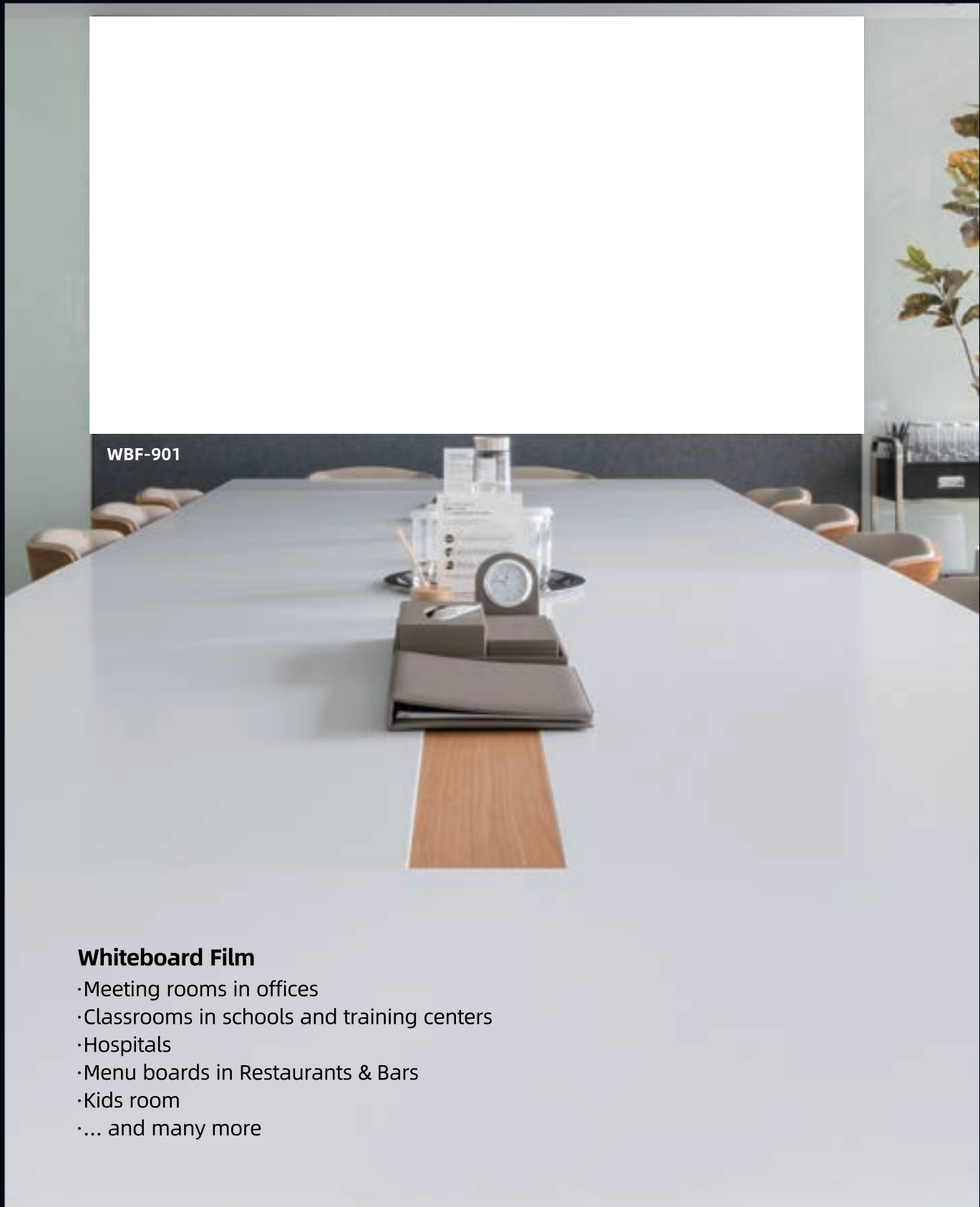
TC-806



TC-807

Whiteboard

Series	Size
WBF	W1,220mmXL50m



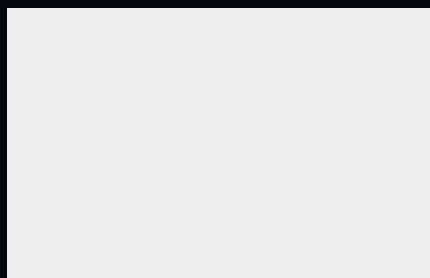
WBF-901

Whiteboard Film

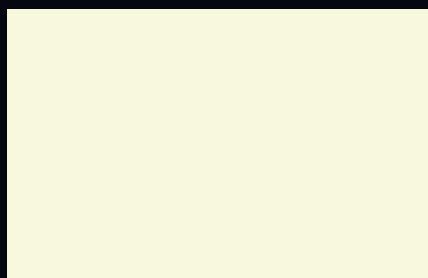
- Meeting rooms in offices
- Classrooms in schools and training centers
- Hospitals
- Menu boards in Restaurants & Bars
- Kids room
- ... and many more

Solid

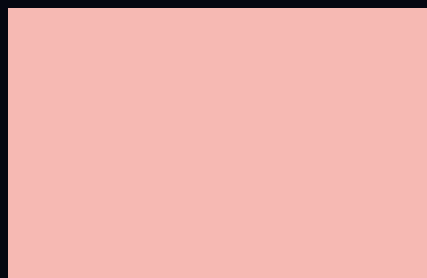
Series	Size
CS	W1,220mmXL50m



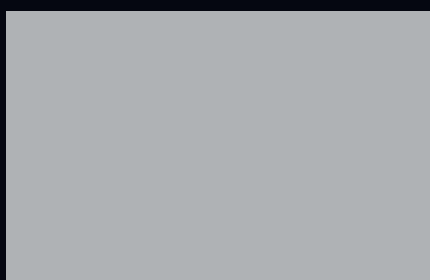
CS-01



CS-04



CS-10



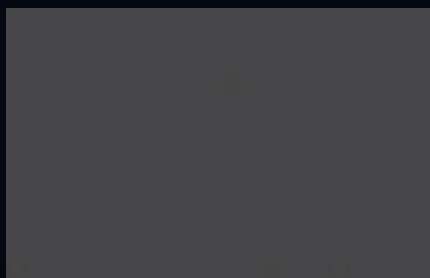
CS-06



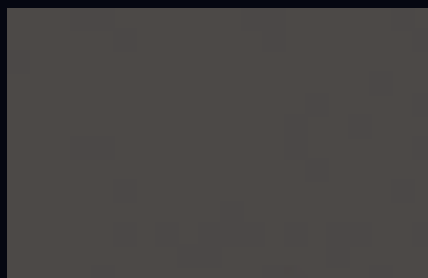
CS-05



CS-14



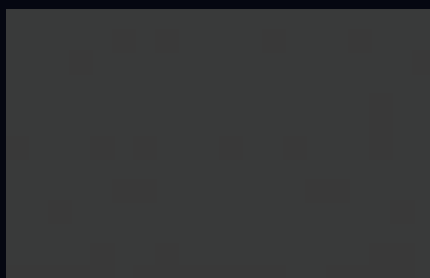
CS-02



CS-08



CS-11



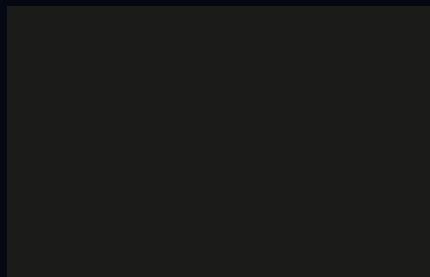
CS-09



CS-12



CS-07



CS-03



CS-15



CS-13

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