Specialty **REATEC**

DECORATIVE ARCHITECTURAL FILM

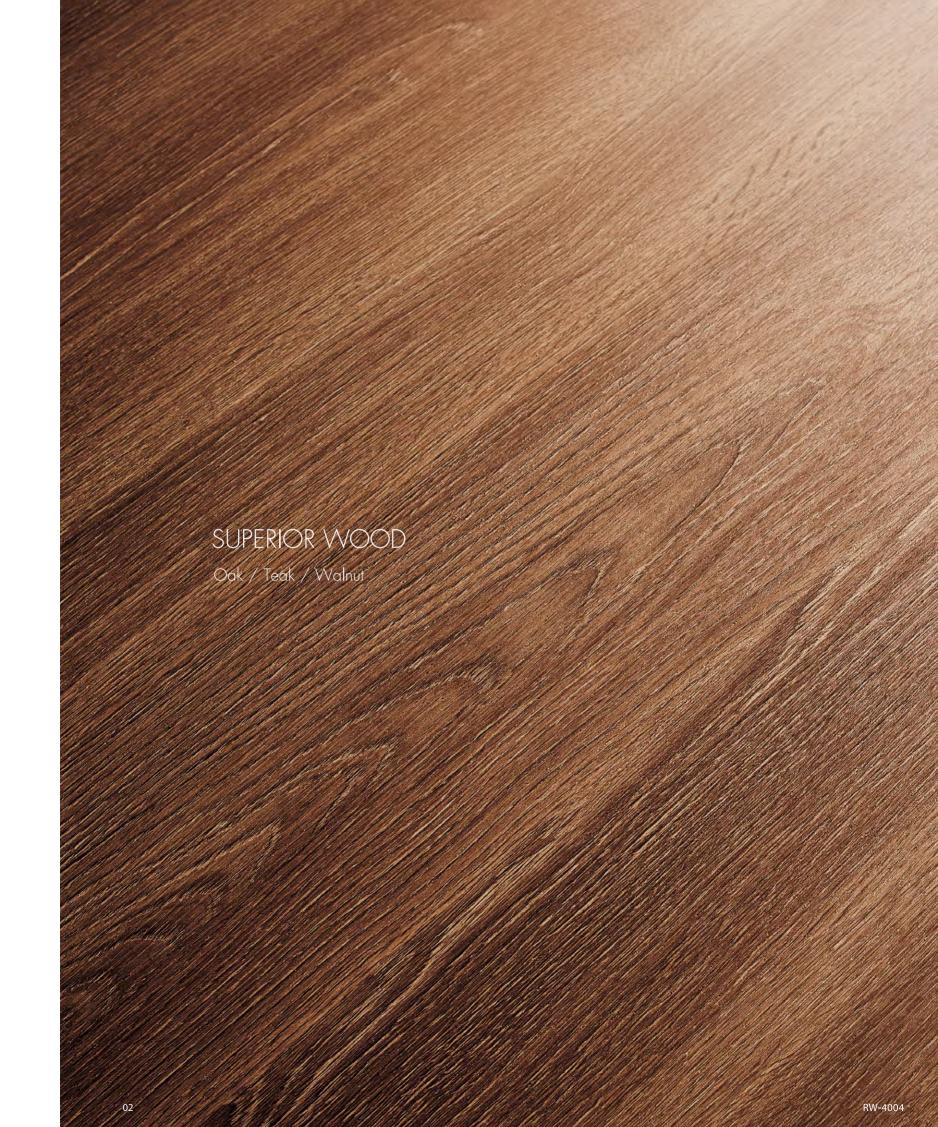






INDEX

SUPERIOR WOOD	P. 02
PREMIUM WOOD	P.08
WOOD	P.18
METALLIC	P.32
GEOMETRIC	P.34
FABRIC	P.36
LEATHER / STUCCO	P.38
CONCRETE / RUST / CERAMIC	P.40
ABSTRACT / STONE	P.42
JAPANESQUE	P.44
AMUSEMENT	P.46
COLOR	P.50
SPECIALTIES EXTREME DURABILITY FILM	P.52
HYGIENIC FILM REATEC MIRACLEAN REATEC PRESENT WHITEBOARD FILM REATEC DOORSKYN	
REATEC & PASTABLE REATEC	P.60
TECHNICAL INFORMATION	P.63



superior wood Oak







RW-4002 NEW •



RW-4006 NEW •

Oak · SC

Oak · SC



RW-4003 NEW •



RW-4007 NEW •



RW-4004 NEW 🖸 🛭



RW-4008 NEW **1**

Oak · SC



RW-4005 NEW •

Oak · SC

- 🖸 Additional image/s available. Please refer to the booklet inside the front cover.
- 1 For additional technical information, please refer to the booklet inside the front cover.

04

superior wood Teak



RW-4009 NEW •





RW-4010 NEW **①**



RW-4012 NEW 🖸 🕕

Teak · S

Teak · S



Teak · S



RW-4011 NEW •



RW-4013 NEW **9**

Teak · S

🖸 Additional image/s available. Please refer to the booklet inside the front cover.

• For additional technical information, please refer to the booklet inside the front cover.

superior wood Walnut



RW-4014 NEW **①** Walnut · C



RW-4015 NEW **①** RW-4018 NEW • $\mathsf{Walnut}\,\cdot\,\mathsf{C}$



RW-4016 NEW **①** Walnut · C RW-4019 NEW 🖸 🕕 Walnut · C



RW-4017 NEW • $\mathsf{Walnut}\,\cdot\mathsf{C}$

05



Oak RW-4004

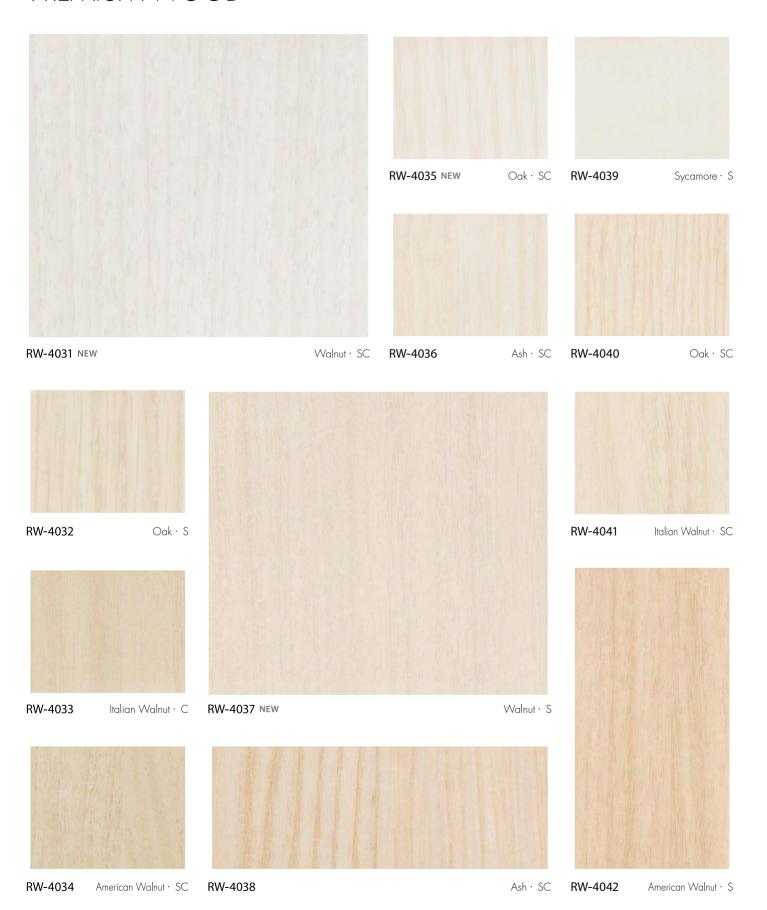


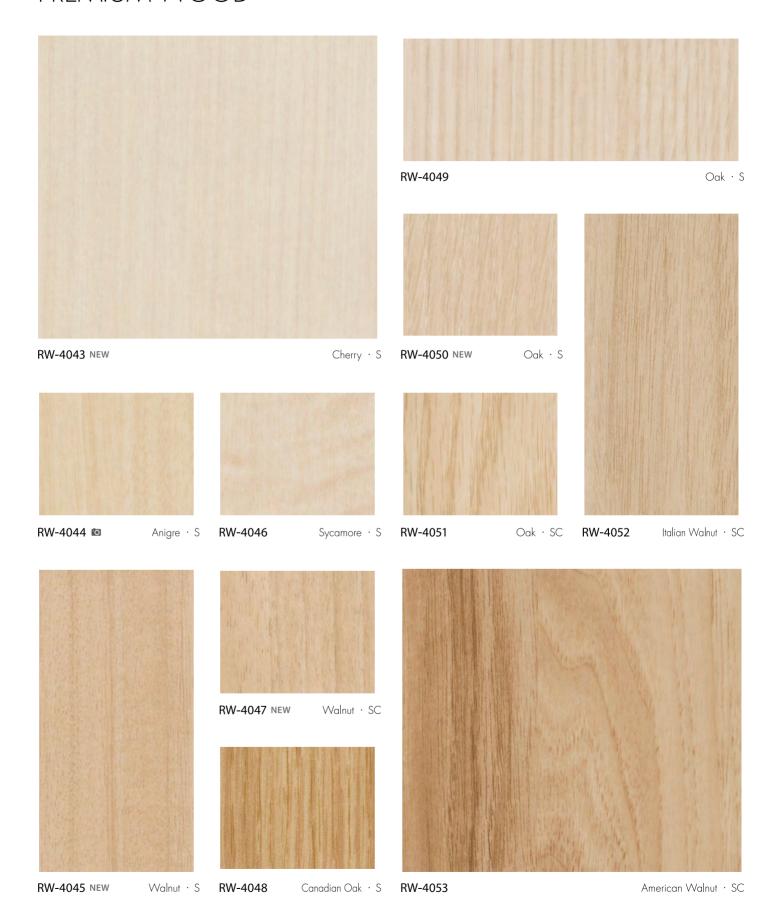


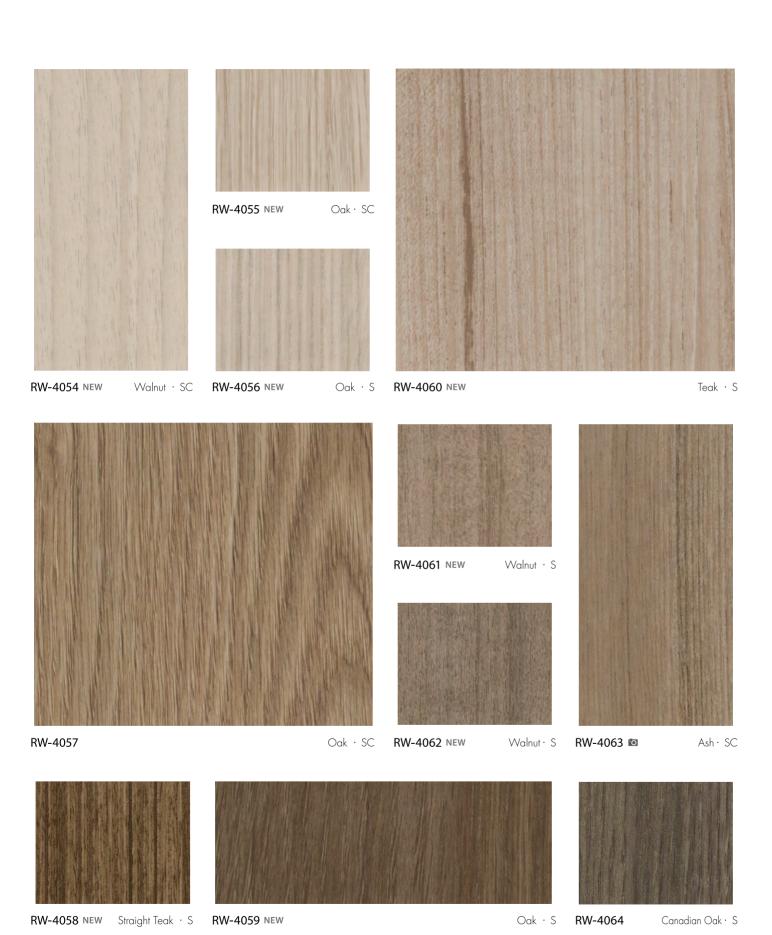


Walnut RW-4014









TECHNICAL | REATEC & | SPECIALTIES | INFO | PASTABLE REATEC

PREMIUM WOOD



 $\mathsf{Oak} \cdot \mathsf{S}$

RW-4073 🔯

 $\mathsf{Teak} \cdot \mathsf{S}$

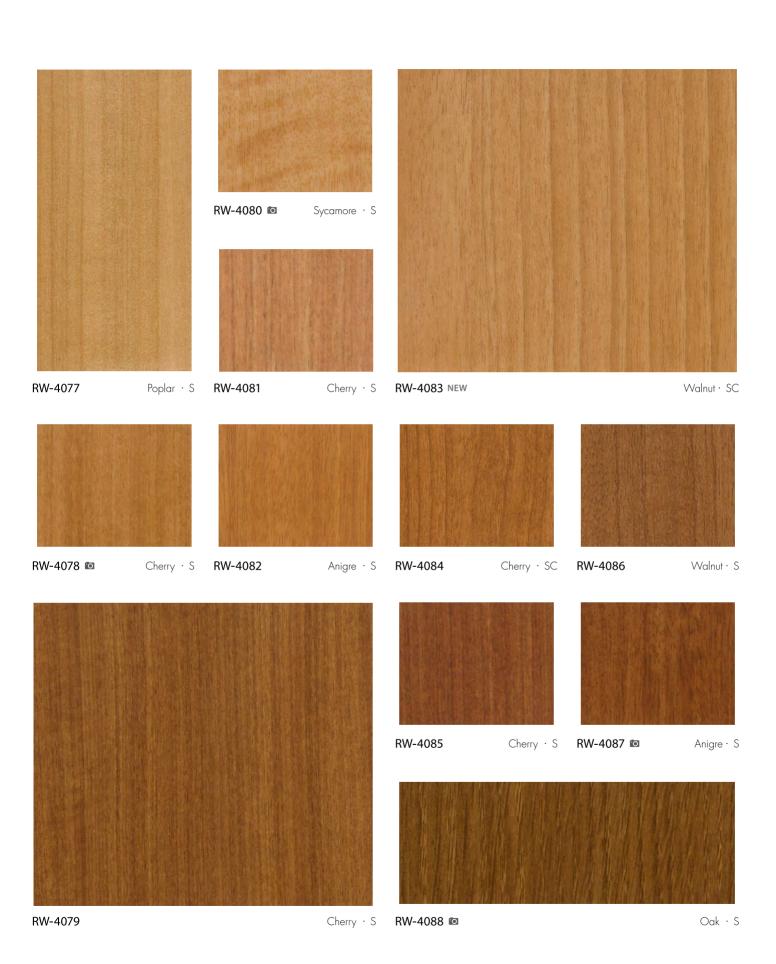
RW-4076

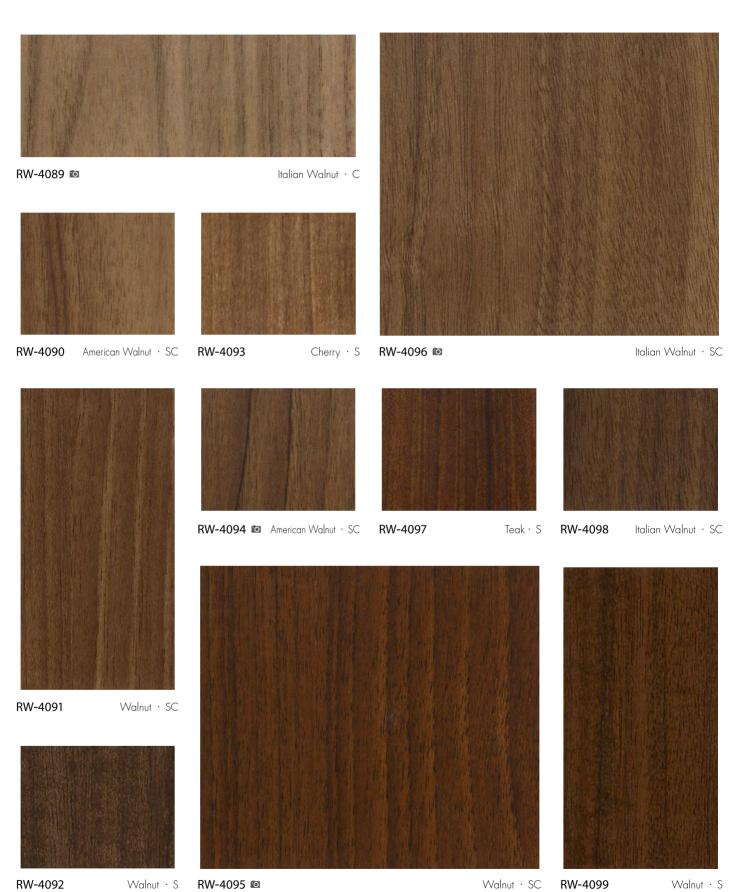
 $\mathsf{Cherry} \cdot \, \mathsf{S}$

 $\mathsf{Oak} \cdot \mathsf{SC}$

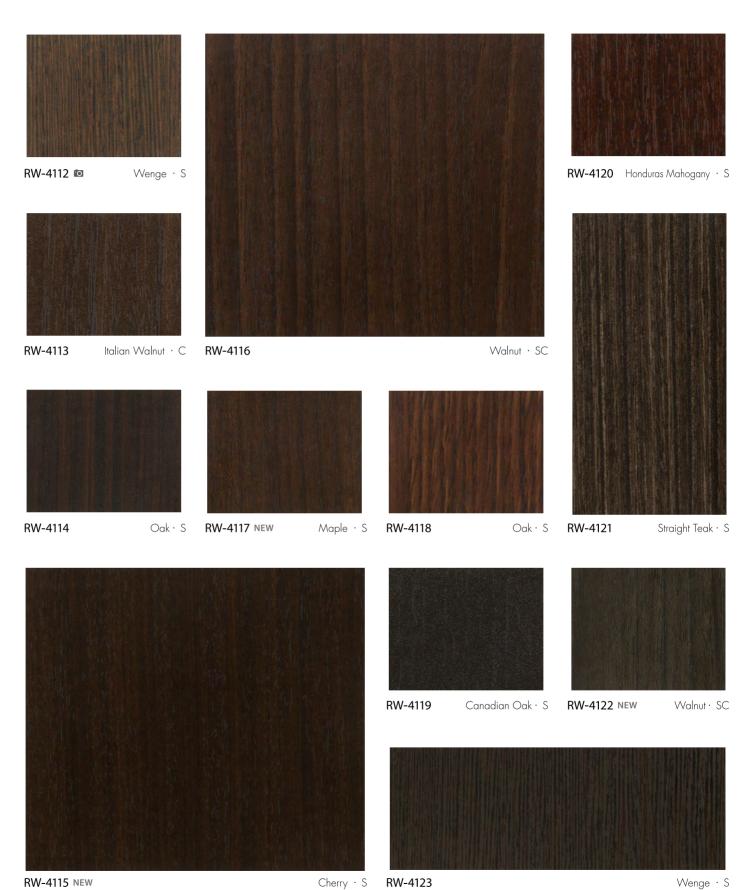
RW-4070

RW-4068 🔯









- Additional image/s available. Please refer to the booklet inside the front cover.
- \P For additional technical information, please refer to the booklet inside the front cover.

METALLIC WOOD



Metallic Oak · C RW-4124 NEW •



RW-4125 NEW 10 1 Metallic Oak · C



RW-4126 NEW **●** Metallic Oak · C



RW-4127 NEW **①** Metallic Oak · C



RW-4128 NEW • Metallic Ebony $\,\cdot\,$ S



RW-4129 NEW **①** Metallic Ebony \cdot S







RW-4131 **①** Metallic Ebony · S



RW-4132 **9** Metallic Ebony · S



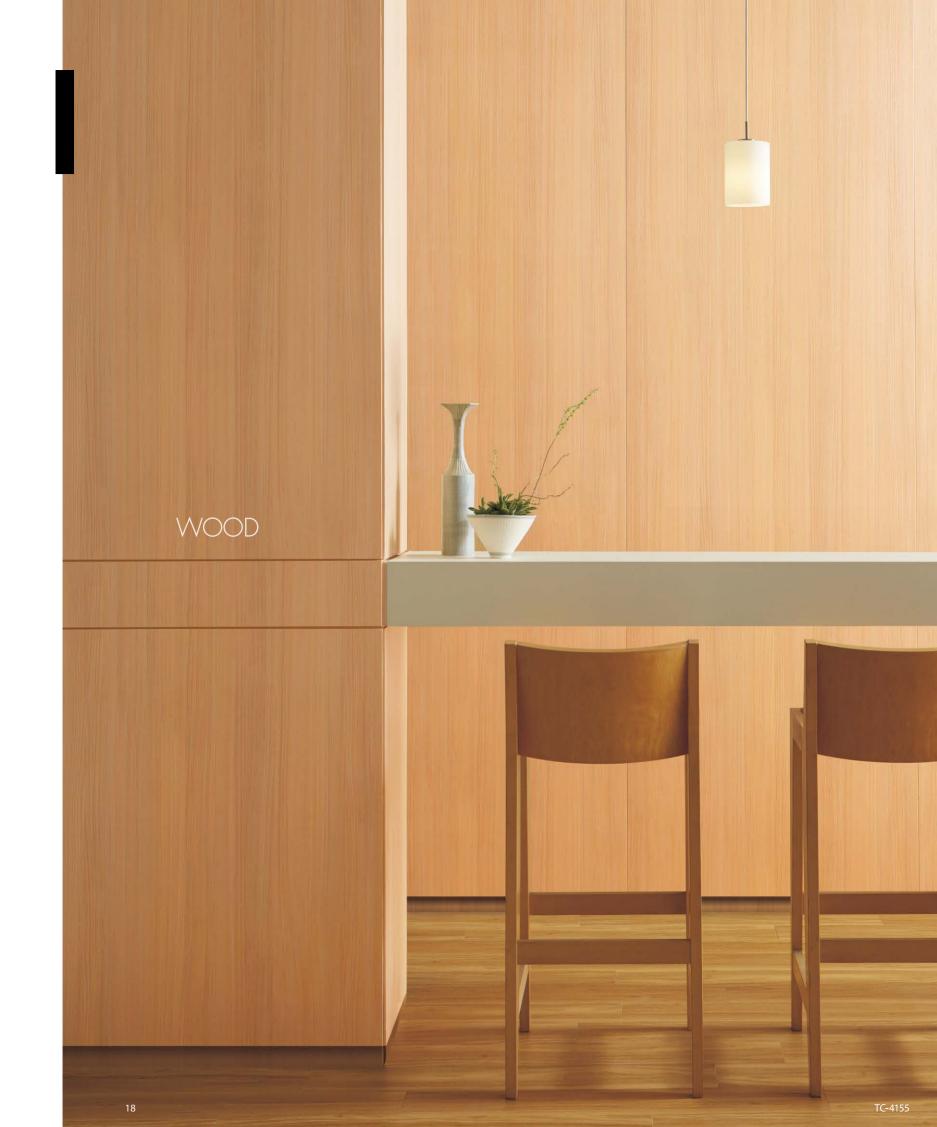
RW-4133 NEW

Metallic Ebony · S



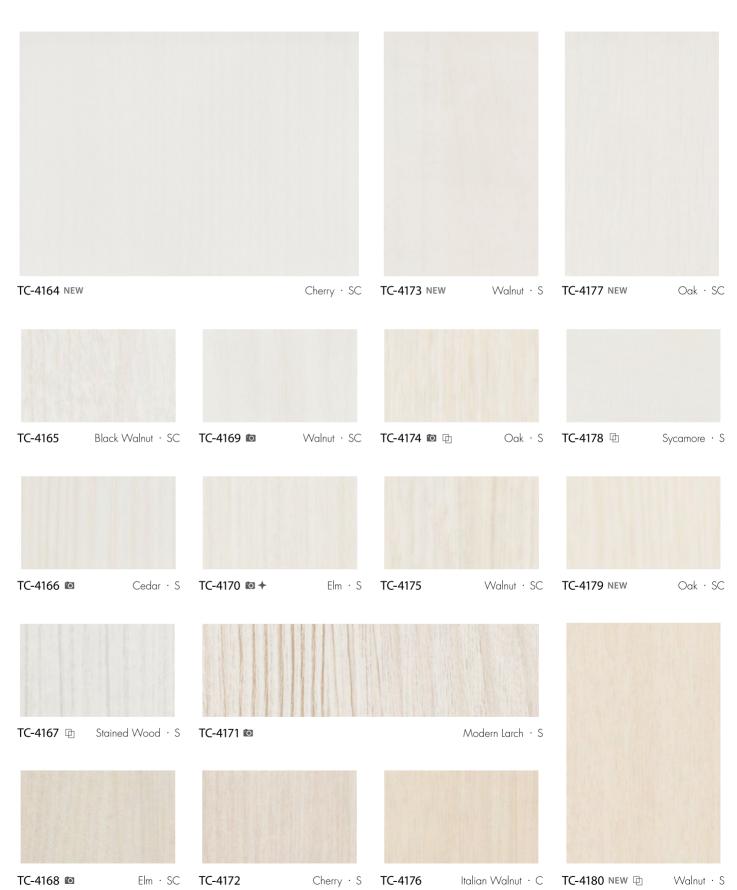
RW-4134 🛍 🕕

Ironwood · S



JAPANESE WOOD





[→] Bacteriostatic & Antifungal

Additional image/s available. Please refer to the booklet inside the front cover.

[•] For additional technical information, please refer to the booklet inside the front cover.



TC-4181 🕀 Stained Wood · S



TC-4187 Teak · SC Same Finish Horiz & Vert Grain



Stylish Oak · SC TC-4191



TC-4196 Modern Larch · S





TC-4188 **9**





TC-4197 NEW 🖸



White Oak · SC

TC-4182

TC-4184



Teak · SC



TC-4192 • Same Finish Horiz & Vert Grain



Ash · S



TC-4189 NEW Cherry · S



TC-4198 🕀 Prima Vera · S



Black Walnut · SC



Mulberry · S







TC-4190 🔯













Apple · S



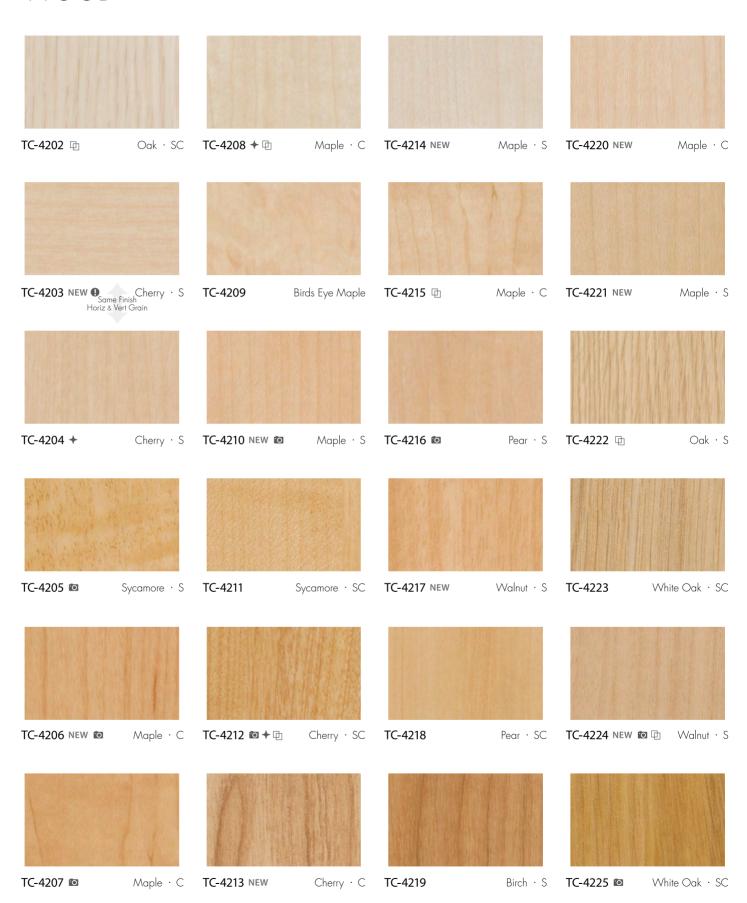
TC-4186 Modern Larch · S

TC-4195 🔯

TC-4201

Walnut · SC

22



- → Bacteriostatic & Antifungal
- Additional image/s available. Please refer to the booklet inside the front cover.
- These REATEC finishes are also available in Pastable REATEC. Please see pages 60 & 61. ☐ ■ Vertical and horizontal grain orientations
- For additional technical information, please refer to the booklet inside the front cover.



TC-4231 🛍 🗓

 $\mathsf{Oak} \cdot \mathsf{S}$

TC-4237 NEW 🖸

 $\mathsf{Walnut}\,\cdot\,\mathsf{S}$

TC-4243

 $\mathsf{Oak}\,\cdot\,\mathsf{SC}$

TC-4249

 $\mathsf{Walnut} \cdot \mathsf{SC}$



- → Bacteriostatic & Antifungal
- Additional image/s available. Please refer to the booklet inside the front cover.
- For additional technical information, please refer to the booklet inside the front cover.
- $\hfill \Box$ These REATEC finishes are also available in Pastable REATEC. Please see pages 60 & 61. Vertical and horizontal grain orientations



















Sycamore · SC TC-4281





Cherry · S

TC-4282















TC-4283 🔯 Anigre · S

Anigre · S TC-4289











TC-4278 $\mathsf{Mahogany} \cdot \mathsf{S}$

TC-4284 Honduras Mahogany · S

TC-4290 🔯 Makore · S





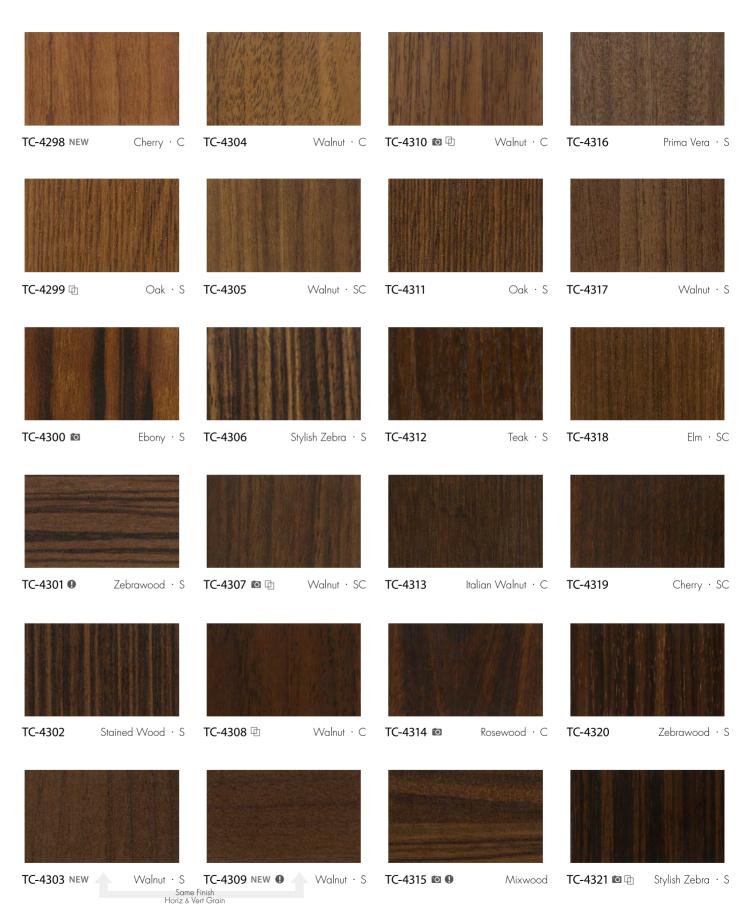




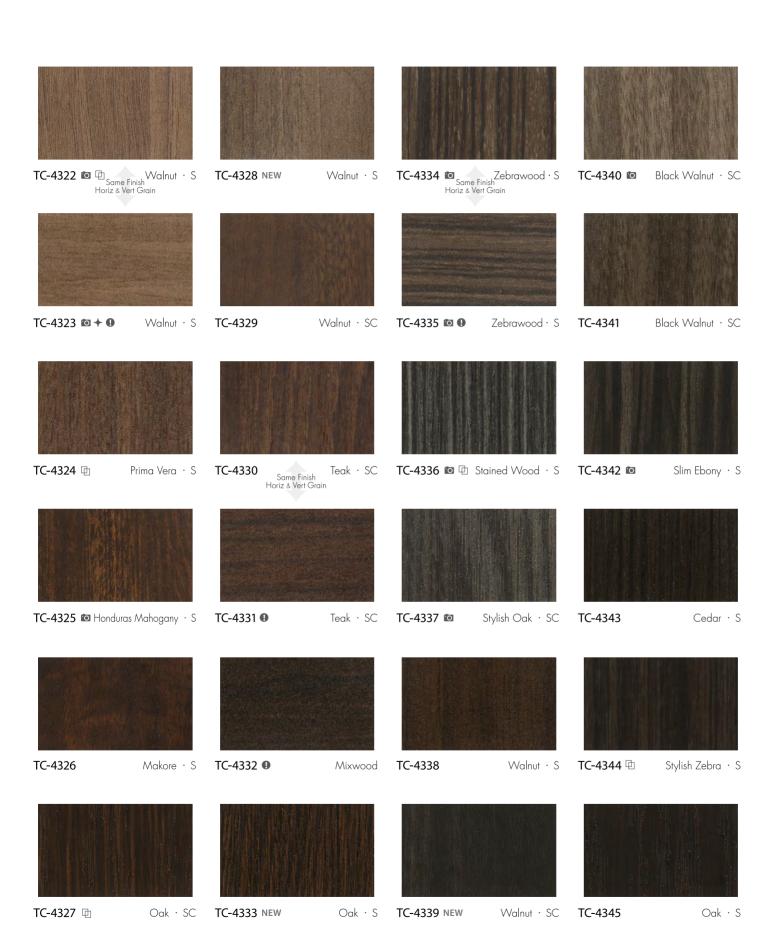
TC-4285 Narra · S

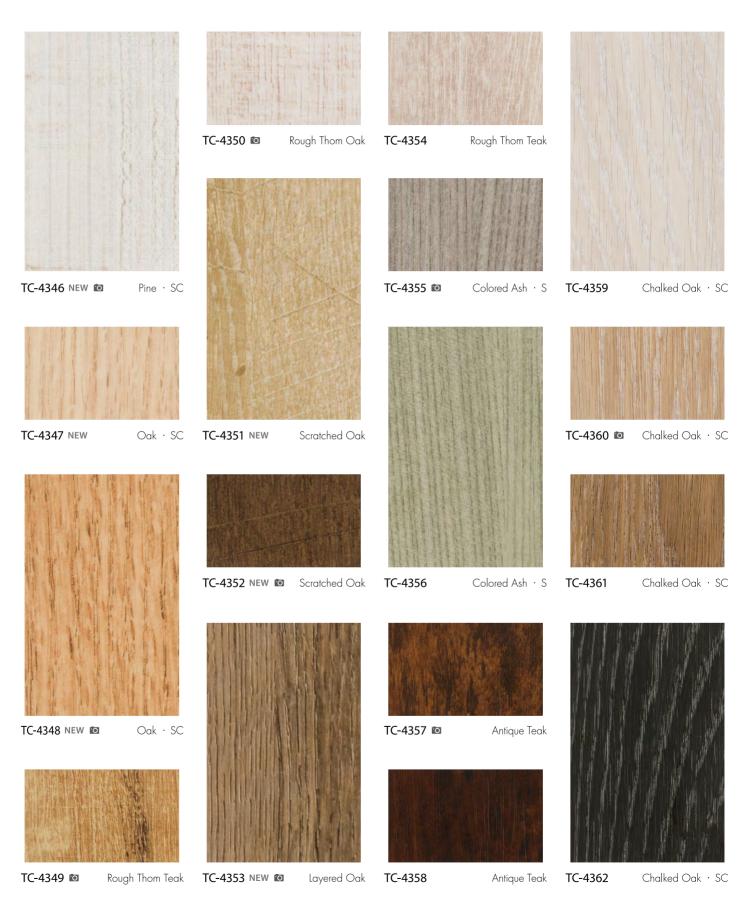
TC-4291 Stylish Zebra · S

TC-4297 $\mathsf{Rosewood} \cdot \mathsf{C}$



- + Bacteriostatic & Antifungal
- Additional image/s available. Please refer to the booklet inside the front cover.
- For additional technical information, please refer to the booklet inside the front cover.
- These REATEC finishes are also available in Pastable REATEC. Please see pages 60 & 61. ☐ Vertical and horizontal grain orientations









METALLIC







TX-4402 NEW **①**

TX-4403 NEW •

TX-4408 NEW **①**

TX-4411 NEW **①**

TR-4416 **9**













TX-4409 **9**



TX-4406 NEW **①**









TX-4410 **9**

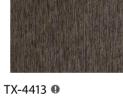














TR-4415 **9**

TX-4407 **9**









TR-4417 **9** TR-4418 NEW •

TR-4419 **9**

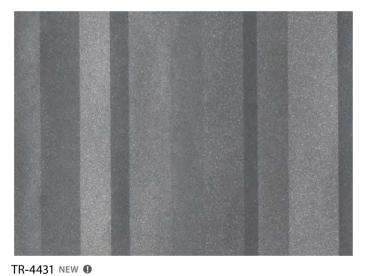
TR-4420 NEW

TECHNICAL | REATEC & | SPECIALTIES | INFO | PASTABLE REATEC

GEOMETRIC



TR-4431





TR-4436 NEW **①**



TR-4432 NEW **①**



TR-4434 NEW **①**



TR-4437 NEW **①**



TR-4439 NEW **①**



TR-4433 NEW **①**



TR-4435 NEW **①**



TR-4438 NEW **①**



TR-4440 NEW

[→] Bacteriostatic & Antifungal











TC-4442







TC-4445

TC-4448 **◆ ●**

TR-4452 **0**



TC-4449 NEW **①**

TR-4453 **9**







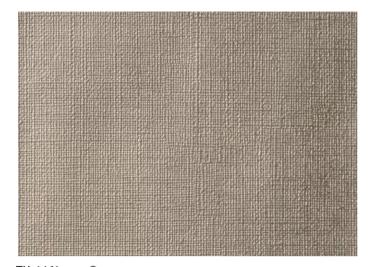






FABRIC

FABRIC





TX-4462 NEW •

TX-4467 NEW **①**



TX-4463 NEW **①**



TX-4464 NEW **①**



TX-4465 NEW **①**



TX-4468 NEW **①**



TX-4469 NEW





TX-4466 NEW **①**



TX-4471 NEW **①**



TX-4470 NEW TX-4472 NEW •

These REATEC finishes are also available in Pastable REATEC. Please see pages 60 & 61.

 $[\]textbf{ 9} \ \, \text{For additional technical information, please refer to the booklet inside the front cover}. \\$



TC-4473 🕀 🛭

TC-4474 🗓 9



TC-4476 NEW



TC-4478





TC-4477



TC-4479 TC-4480 NEW



TC-4481 NEW 🕀 🛭



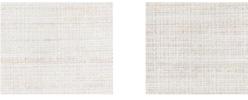
TC-4483 🗎 🛭

TC-4475 NEW



TC-4485 NEW 🕀 🛭





TC-4482 🗓 9 TC-4484 🗓 🛭



TC-4486 🗓 9



TC-4487 NEW 🕀 🛭



TC-4488 NEW 🕀



TC-4490 NEW 🗎



TC-4492 NEW



TC-4493 NEW



TC-4489 NEW 🕀



TC-4491 NEW 🗓

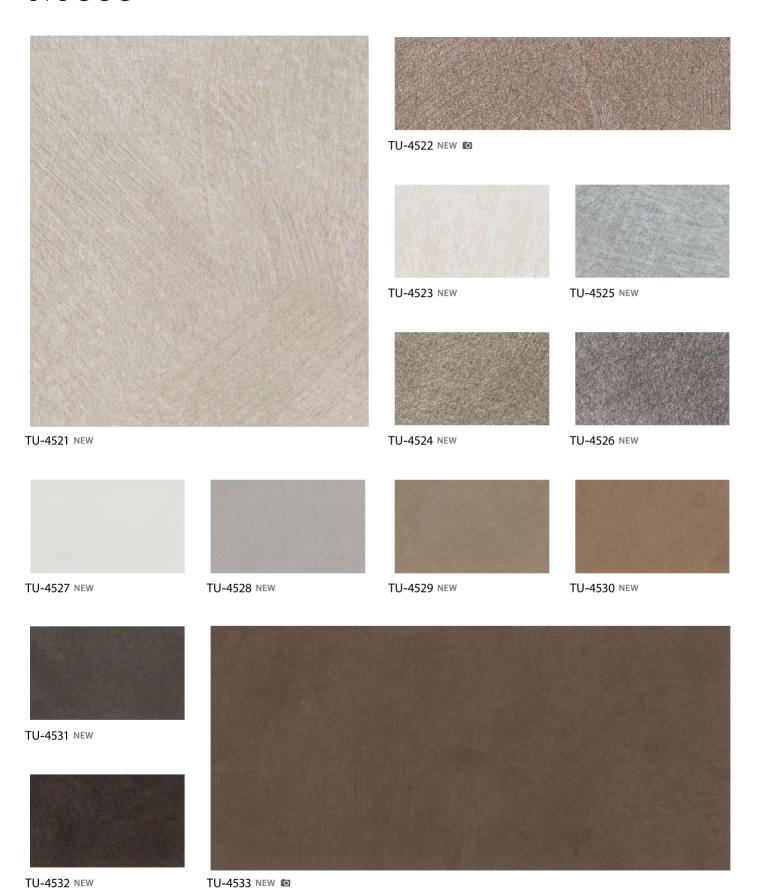
LEATHER

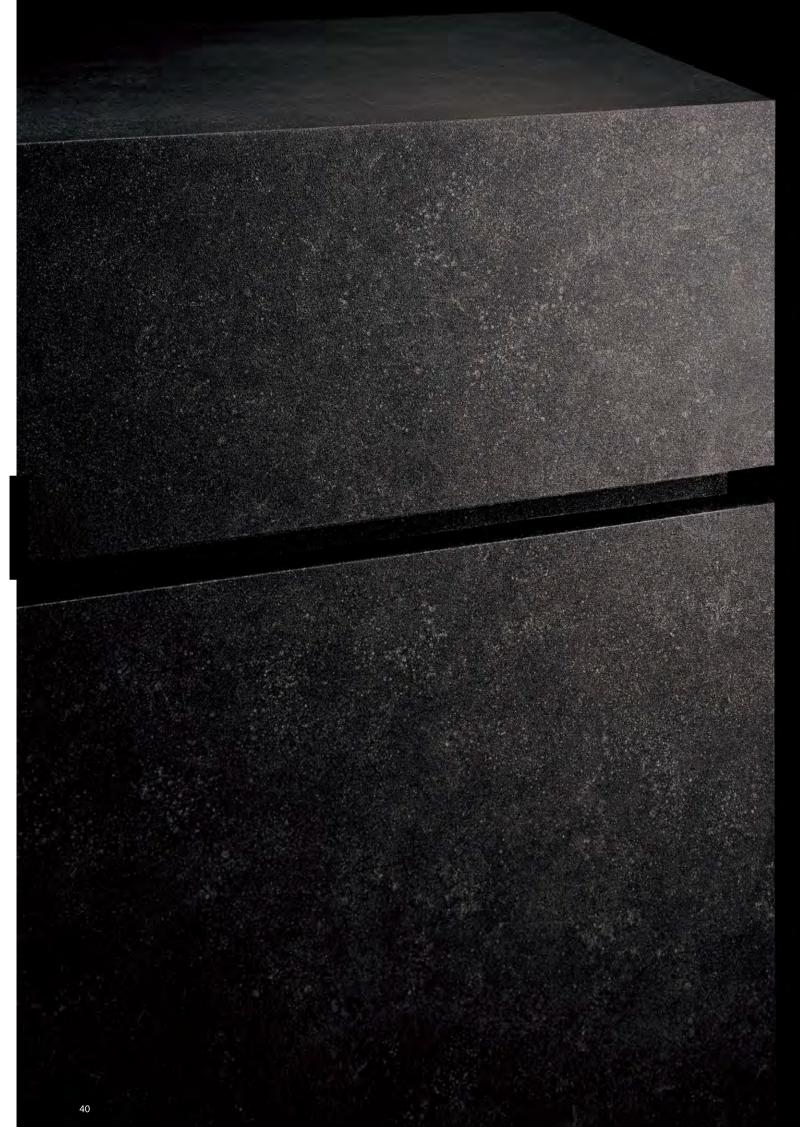


- Additional image/s available. Please refer to the booklet inside the front cover.
- For additional technical information, please refer to the booklet inside the front cover.

ALTIES | REATEC & TEC

STUCCO





CONCRETE / RUST / CERAMIC



TECHNICAL | REATEC & | SPECIALTIES | INFO PASTABLE REATEC

ABSTRACT / STONE



TD-4562



TD-4561 NEW + 9



TR-4564



TD-4562 NEW 6 + 0



TC-4565 🔯

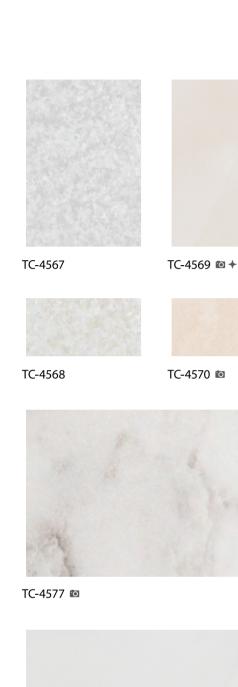


TC-4566

→ Bacteriostatic & Antifungal

TR-4563 🔯

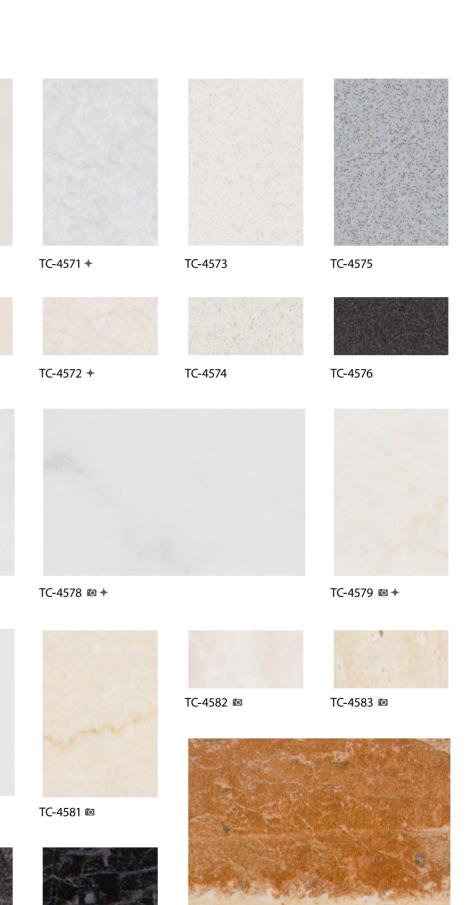
- Additional image/s available. Please refer to the booklet inside the front cover.
- For additional technical information, please refer to the booklet inside the front cover.



TC-4580 🔯

TC-4584 🖸

TC-4585 🗖



TC-4587 🖸 9

TC-4586 🖸

TECHNICAL | REATEC & | SPECIALTIES | INFO | PASTABLE REATEC

JAPANESQUE













Urushi

Urushi

TX-4597 NEW **①**



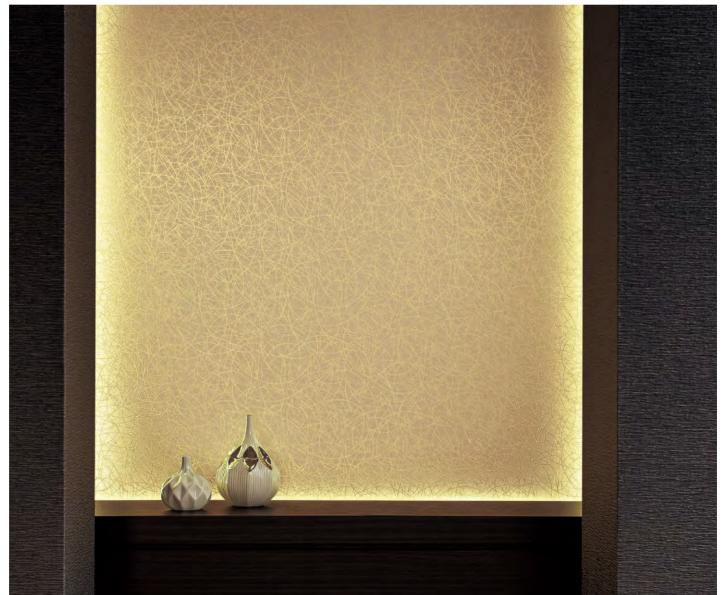
RX-4593 NEW •



Karakusa

RX-4596 🖸 🛭 Karakusa

TX-4598 NEW **①**

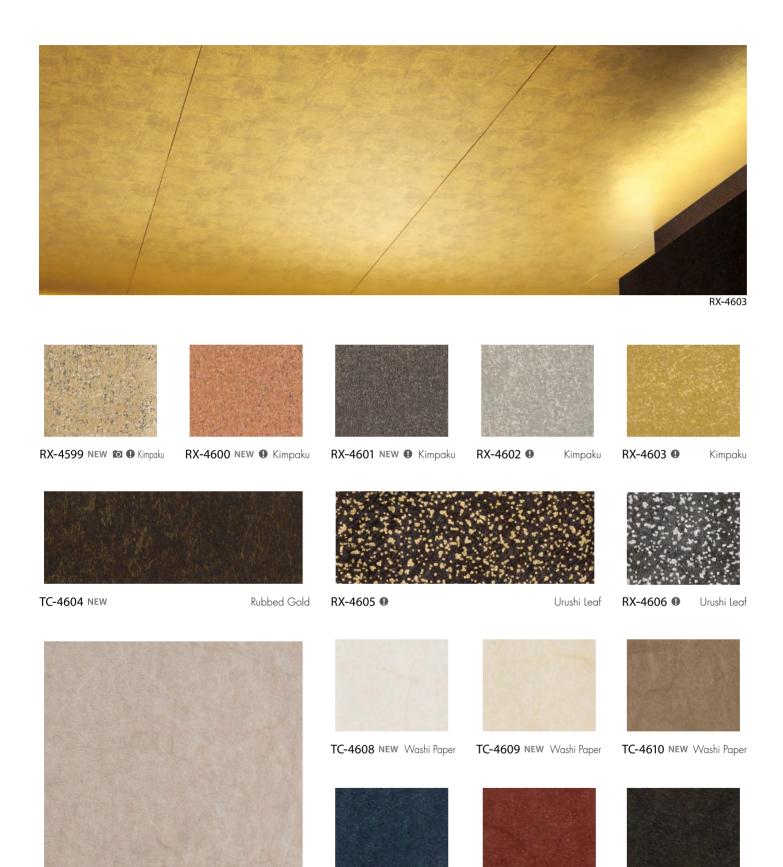


RX-4592

Additional image/s available. Please refer to the booklet inside the front cover.

[•] For additional technical information, please refer to the booklet inside the front cover.





TC-4611 NEW Washi Paper

TC-4612 NEW Washi Paper

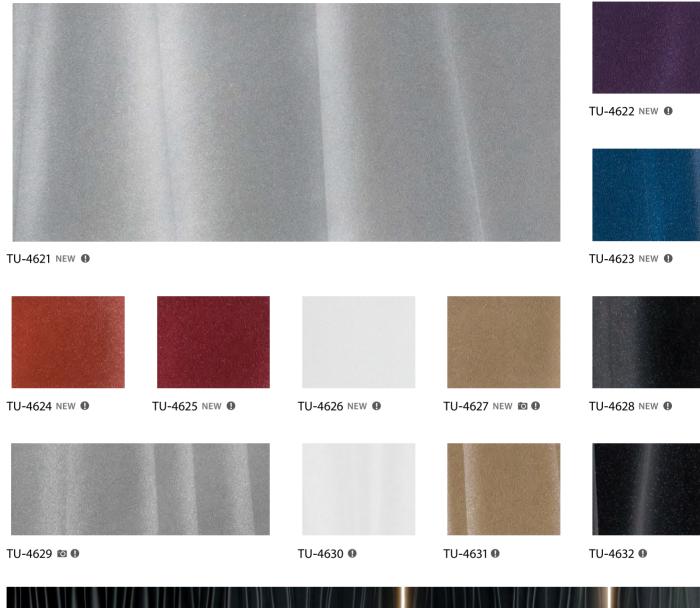
Washi Paper

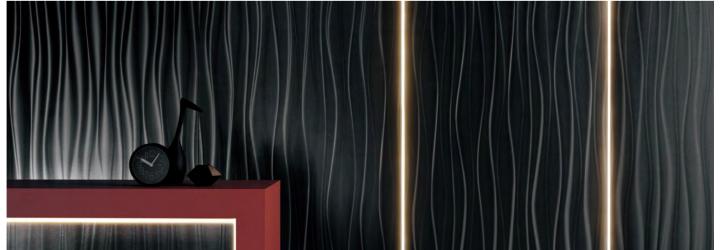
TC-4607 NEW

TC-4613 NEW Washi Paper

COLOR

AMUSEMENT





TU-4628

- Additional image/s available. Please refer to the booklet inside the front cover.
- For additional technical information, please refer to the booklet inside the front cover.



TX-4633 NEW 🛍 🕕



TX-4633



TX-4634 NEW 🖸 🕕

TC-4637 **9**



TU-4635 NEW **9**



TU-4636 NEW •







TC-4638 **0**

TC-4639 **9**

TC-4640 🛍 🛭

AMUSEMENT







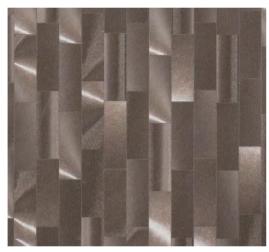
TC-4642 NEW •



TC-4643 NEW •



TC-4644 NEW •



TX-4645 **9**



TX-4646 **9**





TX-4648 **9**



TX-4649 **9**



TX-4650 **①**



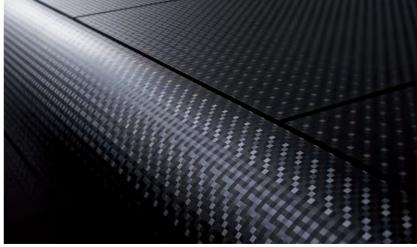
TX-4651 **9**



TX-4652 **9**



TC-4654 NEW •



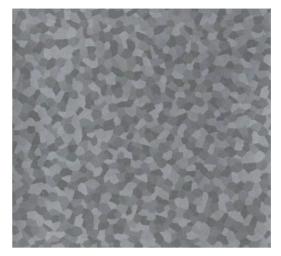
TC-4654

→ Bacteriostatic & Antifungal

TC-4653 NEW **→ ①**

- Additional image/s available. Please refer to the booklet inside the front cover.
- For additional technical information, please refer to the booklet inside the front cover.





TR-4655 NEW **①**





TR-4656 NEW **①**

TR-4657 NEW **1**











TR-4658 NEW **①**

TR-4659 NEW **①** TR-4660 NEW **①**

TR-4661 NEW **①**

TR-4662 NEW **9**





TC-4664 **①**





TC-4663 🛍 🛭









TR-4669

COLOR

TA-4701 ❖ + ❶	TA-4708 ❖ + ❶	TA-4714 ❖ + ❶	TA-4720 ❖ + ❶	TA-4731 NEW ❖ + ①	TA-4742 ❖ ◆ ①
TA-4702 NEW ❖ ◆ ⊕	TA-4709 NEW ❖ ◆ ①	TA-4715 NEW ❖ ◆ •	TA-4721 NEW ❖ ◆ •	TA-4732 ❖ + ❶	TA-4743 ❖ ◆ ⊕
TA-4703 NEW ❖ ◆ ⊕	TA-4710 NEW ❖ ◆ ⊕	TA-4716 ❖ + ❶	TA-4722 NEW ❖ ◆ •	TA-4733 NEW ❖ ◆ ①	TA-4744 ❖ ◆ ⊕
TA-4704 NEW ❖ + ①	TA-4711 NEW ❖ ★ •	TA-4717 ❖ + ⊕	TA-4723 NEW ❖ ◆ ①	TA-4734 NEW ❖ ◆ ①	TA-4745 NEW ❖ + ①
TA-4705 NEW ❖ ◆ ①	TA-4712 NEW ❖ ◆ ①	TA-4718 NEW ❖ ◆ ①	TA-4724 NEW ❖ ◆ ①	TA-4735 NEW ❖ ◆ ①	TA-4746 ❖ ◆ ❶
TA-4706 NEW ❖ ◆ ⊕	TA-4713 NEW ❖ ◆ ①	TA-4719 ❖ ◆ ❶	TA-4725 NEW ❖ ◆ •	TA-4736 NEW ❖ ◆ ①	TA-4747 ❖ ◆ ⊕
TA-4707 NEW ❖ + ❶			TA-4726 NEW ❖ ◆ •	TA-4737 NEW ❖ ◆ ①	TA-4748 NEW ❖ + ①
			TA-4727 NEW ❖ → ①	TA-4738 NEW ❖ ◆ ①	TA-4749 NEW ❖ + ①
			TA-4728 NEW ❖ ◆ ①	TA-4739 NEW ❖ ◆ ①	TA-4750 NEW ❖ + ①
			TA-4729 NEW ❖ ◆ •	TA-4740 ❖ + ①	TA-4751 NEW ❖ + ①
			TA-4730 NEW ❖ ◆ •	TA-4741 NEW ❖ + ⊕	TA-4752 ❖ ◆ ⊕

Also suitable for exterior use.

[→] Bacteriostatic & Antifungal

[•] For additional technical information, please refer to the booklet inside the front cover.

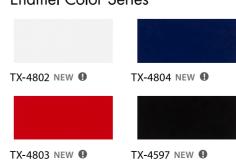




Flat Series



Enamel Color Series



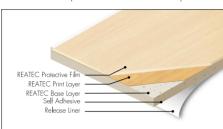
TECHNICAL | REATEC & | SPECIALTIES INFO

EXTREME DURABILITY FILM

Exterior Application

Highly durable films suitable for exterior applications with weather exposure

Ultraviolet absorption film laminated on top



High Weathering Resistance

The film surface is coated with a high protective, durable UV protection film, preventing deterioration of the REATEC printed layers by sunlight and weather exposure. This laminated film provides approximately 5 years of protection from the effects of weathering, depending on location and exposure. Results may vary. Consult your authorized REATEC Dealer/Installer prior to installation.

Stain Chemical Resistance

The top protective layer of special film contains a special compound to provide additional resistance to exposure to oils, stains and chemicals.







same design as TC-4296

same design as TC-4335

same design as TC-4510

Also suitable for exterior use.

HYGIENIC FILM

Bacteriostatic & Anti-Fungal

Excellent for use in spaces prone to high humidity

Top layer is laminated Bacteriostatic & Anti-Fungal resin film



These selected designs are most suitable for renovation of areas with high humidity, such as bathrooms, saunas, pool areas and outdoor applications in tropical areas.

The REATEC shown on pages 50 & 51 of Color Series are both Bacteriostatic & Anti-Fungal.

*except Enamel Color Series



TC-4323 · 4448



TD-4561 NEW **→ ①**



TD-4562 NEW **☎ + ①**



TC-4653 NEW **→ ①**



TC-4448 **◆ ⊕**



TC-4571 +



TC-4572 +



TC-4569 to +



TC-4578 **to +**



TC-4579 **to** +



TC-4170 🖸 🛨 $\mathsf{Elm} \cdot \mathsf{S}$



TC-4204 + Cherry · S



TC-4208 **→** 🗎 Maple · C



TC-4212 **to +** ⊕ $\mathsf{Cherry}\,\cdot\,\mathsf{SC}$



TC-4247 + 9 $\mathsf{Walnut}\,\cdot\,\mathsf{S}$



TC-4256 **to +** ⊕ Cherry · S



TC-4323 **★ 0** $\mathsf{Walnut}\,\cdot\,\mathsf{S}$

- → Bacteriostatic & Antifungal
- These REATEC finishes are also available in Pastable REATEC. Please see pages 60 & 61.
- Additional image/s available. Please refer to the booklet inside the front cover. • For additional technical information, please refer to the booklet inside the front cover.
- C: Cross Grain S: Straight Grain SC: Straight/Cross Grain
 - Width: 1,220mm (48 inches)

SPECIALTIES

MIRACLEAN is the highest performing film against stains and bacterial growth

Exceptional Stain Resistance Film

Top layer is laminated ETFE* resin film



REATEC MIRACLEAN

^{*}Ethylenetetrafluoroethlene Copolymer



Oils, greases, surface stains, graffiti, dyes and inks are all easily removed with a damp cloth.

The surface finish is also highly resistant against airborne stains such as nicotine.

High Bacteria Resistance

Surface bacteria, pathogens and molds are easily removed from surfaces, even though to disinfect bacterias such as O-157. MIRACLEAN is also highly resistant to the effect of chemical exposure. For details, please refer to the "Technical Information" booklet inside the front cover.

Lower Facilities Budgets

MIRACLEAN's resistance to abuse and ease of cleaning lead to high durability and long-life-cycle, reducing your overall facility maintenance

MIRACLEAN's Special Surface Finish

The top layer of MIRACLEAN contains ETFE (Ethylenetetrafluoroethlene Copolymer) resin. This layer provides a strong, durable and moleculary isolated finish, preventing liquids, staining agents, oils and chemicals from adhering to the surface.







[→] Bacteriostatic & Antifungal

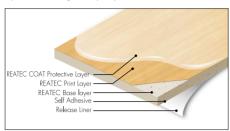
[•] For additional technical information, please refer to the booklet inside the front cover.

REATEC COAT

Gloss / Matte

Superior protection against minor scratches and abrasion

Special coating on top layer



REATEC COAT Restores the Finish of Damaged Areas

Minor scratches and abrasions are reduced or eliminated by the application of REATEC COAT.

2 Distinct Surface Finishes - Gloss and Matte

The application of REATEC COAT creates a beautiful, long lasting surface finish and is available in both a highly polished gloss or a rich satin matte.

*REATEC COAT cannot repair major damages, such as deep scratches, tears and abuse.



TF-4843

Gloss



TF-4841 **9**



TF-4842 **9**

 $\mathsf{WaInut} \bullet \mathsf{S}$

TF-4843 **9**

Zebrawood • S

Sycamore • S

Matte



TF-4844 NEW **①**

Maple • S



Maple • S



TF-4846 NEW

Maple • S

REATEC PRESENT WHITEBOARD FILM A Writable & Pojectable Presentation Surface

REATEC PRESENT transforms most interior surfaces into writable and projectable communication surfaces



TW-1000

Convenient to Use

Easy to write on, highly legible and easy to clean using all standard Dry-erase markers and accessories.

Projected Image are Bright and Sharp

The special surface finish of REATEC PRESENT offers a smooth, consistent image when projected upon, improving image sharpness and reducing eye

Highly Comfortable Finish

REATEC PRESENT is comfortable to corners, allowing for unusual applications around colums or bulkheads.

Available in 3 Distinct Finishes

REATEC PRESENT is available in two subtle tones in addition to our standard white finish.

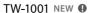
Projected Image Comparison

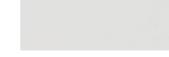
General Whiteboard 2017-2019 REATEC vol. 9



Low visible of the projected image







TW-1002 NEW

REATEC DOORSKYN

Exterior Optimised Finishes

Specialized refinishing film for exterior door projects

Ultraviolet absorption film laminated on top



Extreme Durability in Exterior Environments

The film surface is coated with a high protective, durable UV protection film, preventing deterioration of the REATEC printed layers by sunlight and weather exposure. This laminated film provides approximately 5 years of protection from the effects of weathering, depending on location and exposure. Results may vary. Consult your authorized REATEC Dealer/Installer prior to installation.

Intended Application

REATEC DOORSKYN is a revolutionary new product, engineered as a thicker, more durable version of traditional REATEC that is specifically intended for the demands of the exterior environment and sized to allow refinishing of door faces with minimal waste and maximum efficiency.

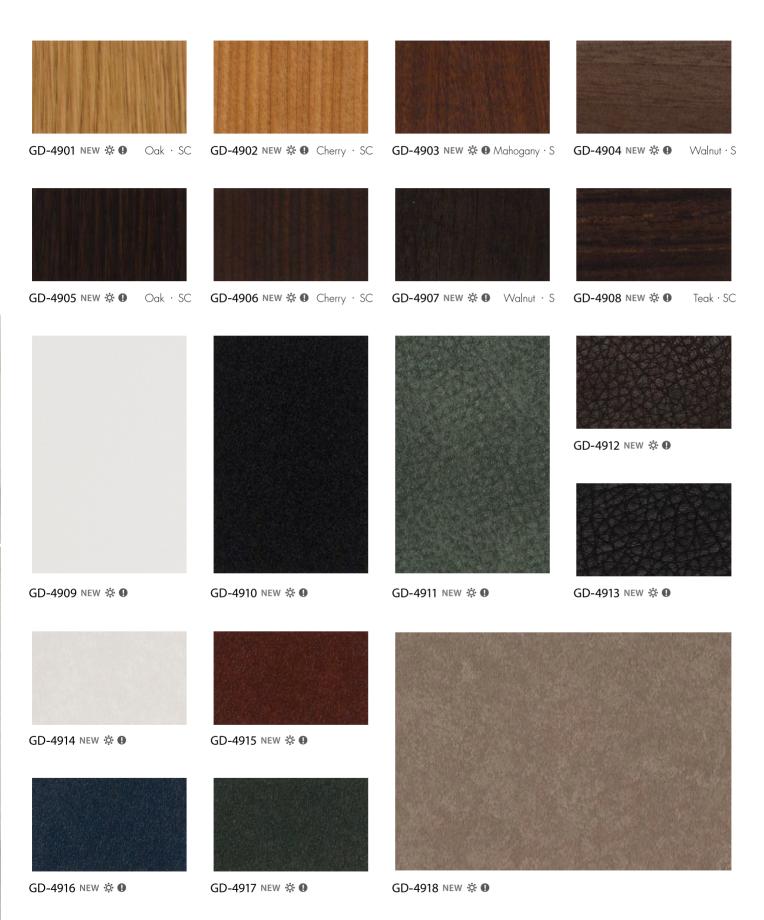
Advantages of REATEC DOORSKYN

REATEC DOORSKYN is produced in a special, narrower 39" width intended specifically for the door refinishing market. This narrower size allows for less waste and efficient installation.





Before



• For additional technical information, please refer to the booklet inside the front cover.

REATEC FUSION & PASTABLE REATEC

Pastable REATEC Standard Class A Rated Wallcovering

Pastable REATEC Extreme Class A Rated Wallcovering

Oak · S

Oak · S

Cherry · S

Walnut · S

Walnut · C

Walnut · SC

Oak · SC



TC-4174 🛍 🗓



REATEC Standard Wallcovering TH-9406



REATEC Extreme Wallcovering HF-1021





Pastable REATEC Standard Class A Rated Wallcov

REATEC Standard Wallcovering TH-9412



TC-4222 🕮



REATEC Standard Wallcovering TH-9411



REATEC Extreme Wallcovering HF-1023



TC-4180 NEW D



REATEC Standard Wallcovering TH-9407



TC-4280 🗇



REATEC Standard Wallcovering TH-9418



REATEC Extreme Wallcovering HF-1041



TC-4208 **→** 垣



REATEC Standard Wallcovering TH-9409



REATEC TC-4241 🕀



REATEC Standard Wallcovering TH-9424



REATEC Extreme Wallcovering HF-1009





REATEC Standard Wallcovering TH-9410



REATEC TC-4310 🙋 🕀



REATEC Standard Wallcovering TH-9427



REATEC Extreme Wallcovering HF-1012



TC-4224 NEW 🙍 🕀 Walnut · S



REATEC Standard Wallcovering TH-9408



TC-4307 🔯 🗇



REATEC Standard Wallcovering TH-9429



REATEC Extreme Wallcovering HF-1013



TC-4212 **☎** + 🗓



REATEC Standard Wallcovering TH-9414



TC-4327 🗈



REATEC Standard Wallcovering TH-9432



REATEC Extreme Wallcovering HF-1018



TC-4231 **to** □ Oak · S



TH-9430

[→] Bacteriostatic & Antifungal

These REATEC finishes are also available in Pastable REATEC. Please see pages 60 & 61.

[🔯] Additional image/s available. Please refer to the booklet inside the front cover. • For additional technical information, please refer to the booklet inside the front cover.

REATEC FUSION (TC) Width: 1,220mm (48 inches) Pastable REATEC Standard Class A Rated Wallcovering (TH) Width: 920mm (36 inches) Pastable REATEC Extreme Class A Rated Wallcovering (HF) Width: 920mm (36 inches)



REATEC TC-4322 🛍 垣 Walnut · S



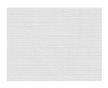
REATEC Standard Wallcovering TH-9423



TC-4481 NEW 🗓 🛭



REATEC Standard Wallcovering TH-8638



TC-4488 NEW 🕀



REATEC Standard Wallcovering TH-8920



TC-4299 🕀 Oak · S



REATEC Standard Wallcovering TH-9431



TC-4483 🕀 🛭



REATEC Standard Wallcovering TH-8639



TC-4489 NEW 🗓



REATEC Standard Wallcovering TH-8921



TC-4296 to 🕀 Narra · S



REATEC Standard Wallcovering TH-9433



TC-4482 🕀 🛭



REATEC Standard Wallcovering TH-8637



TC-4490 NEW 🕀



REATEC Standard Wallcovering TH-8923



REATEC TC-4321 🖸 🖽 Stylish Zebra · S



REATEC Standard Wallcovering TH-9434



TC-4484 🕀 🛭



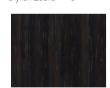
REATEC Standard Wallcovering TH-8640



TC-4491 NEW 🕀



REATEC Standard Wallcovering TH-8925



REATEC TC-4344 🕀 Stylish Zebra · S



REATEC Standard Wallcovering TH-9435



REATEC TC-4485 NEW 🔁 🛭



REATEC Standard Wallcovering TH-8643



REATEC TC-4473 🕀 🛭



REATEC Standard Wallcovering TH-8543



REATEC TC-4486 🕀 🛭



REATEC Standard Wallcovering TH-8648



TC-4474 🗎 🔾



REATEC Standard Wallcovering TH-8547



TC-4487 NEW 🕀 🗓



REATEC Standard Wallcovering TH-8649

REATEC FUSION & PASTABLE REATEC

Pastable REATEC Extreme Class A Rated Wallcovering



REATEC

TC-4178

□ Sycamore · S



REATEC Extreme Wallcovering **HF-1042**





PREATEC Extreme Wallcovering **HF-1027**



REATEC
TC-4244 D
Zebrawood · S



REATEC Extreme Wallcovering HF-1005



REATEC
TC-4167
Stained Wood · S



REATEC Extreme Wallcovering **HF-1001**





REATEC Extreme Wallcovering HF-1043



REATEC
TC-4235



REATEC Extreme Wallcovering HF-1045



REATEC
TC-4181 □
Stained Wood · S



REATEC Extreme Wallcovering HF-1002



REATEC
TC-4324 Prima Vera · S



REATEC Extreme Wallcovering HF-1044



REATEC
TC-4198 ©
Prima Vera · S



REATEC Extreme Wallcovering HF-1004



REATEC
TC-4336 © ©
Stained Wood · S



REATEC Extreme Wallcovering HF-1020



REATEC
TC-4308 □ Walnut · C



REATEC Extreme Wallcovering HF-1015



- Additional image/s available. Please refer to the booklet inside the front cover.
 → Bacteriostatic & Antifungal
- These REATEC finishes are also available in Pastable REATEC. Please see pages 60 & 61.

 To additional technical information, please refer to the booklet inside the front cover.

REATEC Technical Information

Physical Description

REATEC is a durable, realistic and flexible architectural film backed by a pressure sensitive adhesive with an integrated air removal system, intended for applications to hard, non-porous surfaces.

Material Standards

- Roll Width 122cm (48") Roll Length: 50m (164') Cut meter lengths are available upon request.
- Nominal Thickness: approx. 0.2mm nominal (8.5 mils)
- Base Chemical Composition: Poly Vinyl Chloride (PVC)

Installation Environment

A. Lowest Acceptable Temperature for Installation 12°C (54°F)

B. Ideal Temperature for Installation

20°C - 25°C (68°F - 77°F)

C. Do Not Exceed Surface Temperature for Installation 29°C (85°F)

Storage Conditions

Product should be stored immediately upon receipt, below 38°C (100°F), avoiding direct sunlight and high humidity. Use within 1 year of purchase.

Fire Safety Criteria

ASTM E-84 (Standard Method of Test for Surface Burning Characteristics of Building Materials) - All REATEC finishes meet Class A rating.

ANSI/UL 10B, "Fire Test of Door Assemblies." - Edition 10 - Revision Date 2009/04/13

ANSI/UL 10C, "Positive Pressure Fire Test of Door Assemblies." - Edition 2 - Issue Date 2009/01/26 CAN/ULC-\$104, "Standard Method for Fire Tests of Door Assemblies." - Edition 3 - Issue Date 2010/07/01



Certificate Number 20150530-R27442

ARCHITECTURAL CLADDING FILM, REATEC DECORATIVE FILM WITH A PRESSURE SENSITIVE ADHESIVE BACKING, INTENDED FOR APPLICATION TO HOLLOW METAL AND METAL COMPOSITE FIRE DOOR SURFACES AS WELL AS DOOR FRAMES. THE REATEC DECORATIVE FILMS ARE ALSO INTENDED FOR APPLICATION TO WOOD COVERED COMPOSITE OR WOOD CORE TYPE FIRE DOORS SURFACES AS WELL AS DOOR FRAMES.

ASTM E162-13 (Standard Method of Test for Surface Flammability of Materials Using a Radiant Heat Energy Source)

- Radiant Panel Index. Is = 0

ASTM E662-13 (Standard Test Method for Specific Optical Density of Smoke Generated by Solid Materials)

- Average Dm = 58 (Flaming) 64 (Non-Flaming)

BSS 7239 (Toxic Gas Generation by Materials on Combustion Boeing Aircraft Standard)

- Hydrogen Cyanide (HCN) = 4.5 ppm (Flaming) 0 ppm (Non-Flaming)
- Carbon Monoxide (CO) = 75 ppm (Flaming) 40 ppm (Non-Flaming)
- Nitrogen Oxides (NO+NO2) = 2 ppm (Flaming) 0 ppm (Non-Flaming)
- Sulfur Dioxide (SO2) = 5 ppm (Flaming) 5 ppm (Non-Flaming)
- Hydrogen Fluoride (HF) = 0 ppm (Flaming) 0 ppm (Non-Flaming)
- Hydrogen Chloride (HCL) = 1.75 ppm (Flaming) 3 ppm (Non-Flaming)

Abrasion Test

REATEC Technical Information

Dimensional Stability Test

Test Methodology: A single 150 x 150mm (5.90 x 5.90 inches) swatch of REATEC was applied to the center of a 200 x 200mm (7.87 x 7.87 inches) flat aluminum panel. One crossing surface cut was made in the center of the finish. After 2 days at 65°C (149°F), the maximum gap in the cut was measured.

Test Result: No gap greater than 0.3mm (0.012 inches)

Thermal Durability Test

Test Methodology: A REATEC sample was applied to an aluminum panel which was then exposed to various temperatures for a 12 day period.

Test Result: No peeling or color change occurred between -30°C to +65°C (between -86°F to +149°F)

Colorfastness to Light Test - Sunshine Carbon Arc Lighting Methodology

REATEC & MIRACLEAN: No change after 250 hours EXTREME DURABILITY FILM: No Change after 5000 hours

Test Methodology: Final abrasion point by Taber testing machine (wheel: CS-17, 1kg weight)

Test Result: Greater than 7000 cycles without significant visible wear

High Temperature Durability Test

Test Methodology: A REATEC sample was applied to an aluminum panel and maintained for 28 days at a temperature of 65°C (149°F).

Test Result: No change in adhesion

High Humidity Durability Test

Test Methodology: A REATEC sample was applied to an aluminum panel and maintained for 28 days at 40°C (104°F) and 90% relative humidity.

Test Result: No change to finish

Low Temperature Impact Test

Test Methodology: DuPont Impact Tester 0°C 100g 1/2 inches diameter

Test Result: No change

Solvent / Chemical Resistance Test

Test Methodology: Test chemicals were applied to the surface of REATEC and left to stand for 6 hours.

The samples were then rinsed with water and left to air dry 24 hours.

Test Results	REATEC	EXTREME DURABILITY FILM	MIRACLEAN
Petroleum Benzine	•	•	•
Ethyl Alcohol	•	•	•
n-hexane	•	•	•
Toluene	•	•	•
Ethyl Acetate	•	•	•
Methylethylkeotone	•	•	•
Ammonia	•	•	•
Hydrochloric Acid (10%)	•	•	•
Caustic Soda (10%)	•	•	•
Results Key	No Changes	Changes to Finish	Material Lifting

TEC & TECH

REATEC Technical Information

Stain Resistance Test

Test Methodology: The surface of REATEC was wiped with a cloth dampened with either water, neutral detergent or ethyl alcohol after 24 hours of contact with the following materials:

Test Results	REATEC	EXTREME DURABILITY FILM	MIRACLEAN
Vinegar	•	•	•
Coffee	•	•	•
Ketchup	•	•	•
Soysauce	•	•	•
Marker (water based)	•	•	•
Crayon	•	•	•
Hair Dye	•	•	•
Marker (permanent)	•	•	
Shoe Polish (black)	•	•	•
Results Key	Cleans with a damp clotCleans with Ethyl Alcoho		gent solution Noticeably Stained

Adhesion Strength Test

Test Methodology: A 25.4mm (1 inch) by 180mm (7 inches) section of REATEC was applied to the surface of the test substrates. Some test surfaces were prepped by the application of primer at 20°C, and then left open for 1 hour prior to application of REATEC. The test panels were then stored for 48 hours at 20°C. The REATEC finish was then peeled off at 300mm (11-4/5 inches) per minute at a 180 degree angle by using Tensilon Tensile Testing Machine.

Substrate	Without Primer	With Primer
Plywood	3.20	30.10
Gypsum Board	_	7.9
Silicate Calcium Board	3.00	23.1
Melamine on Steel	23.9	35.2
Phosphate Coated Steel	24.3	35.2
PVC on Steel	34.1	39.8
Aluminum Plate	27.1	_
Stainless Steel	25.0	_
Acrylic Panel	31.4	42.1
Mortar	3.00	22.9

unit: N/25.4 mm

REATEC Technical Information

Anti-Bacterial Test

Anti-Bacterial Test

Test Methodology: The Bacteria were cultivated on standard agar at 35°C (95°F)

Tested Bacteria	Products Tested	Original Count	Count post 24 hours
Colon Bacillus	TA-4701 ~ 4801	2.4 X 10 ⁵	< 10
Colon Eddillus	Other REATEC	2.4 \(\cdot\)	5.6 X 10 ⁴
Staphylococcus Aureus	TA-4701 ~ 4801	4.5 X 10 ⁵	< 10
Sidphylococcus Aureus	Other REATEC	4.5 % 10	1.8 X 10 ⁴
MRSA	TA-4701 ~ 4801	2.4 X 10 ⁵	< 10
MINOM	Other REATEC	2.4 / 10	7.0 X 10 ³

^{*}Tested by JFRL (Japan Food Research Laboratories)

• Acute Toxicity Test (LD50) Tested by JFRL (Japan Food Research Laboratories)

Test Result: LD50 > 20g/kg (0.71oz/2.20lbs)

• Mutagenicity Test Tested by JFRL (Japan Food Research Laboratories)

Test Result: Negative

• Anti-Mold Test ASTM-G21 Test, at 28°C ± 2°C (82.4°F ± 35.6°F) and over 95% RH Test Methodology: ASTM-G21, preservation 28°C±2°C, relative humidity 95% and above.

Tested Products	10 Days	14 Days	21 Days	28 Days
TA-4701 ~ 4801	0	0	0	0
Other REATEC	2	2	3	3

^{*}Tested by Tokyo Metropolitan Industrial Technology Research Institute

Grade 0-4 0: Mold not found 1: Under 10% of surface area 2: 10-30% of surface area 3: 31-60% of surface area 4: 61-100% of surface area Tested Molds: Aspergillus niger, Penicillium funiculosum, Chaetomium globosum, Aureobasidium pullulans, and Trichoderma virens

MIRACLEAN Bacterial Resistance Test

Tested Products	10 Days	14 Days	21 Days	28 Days
MIRACLEAN	1,700	480	6,900,000	8,800
Ceramic Ti l e	51,000	59,000	5,500,000	130,000

*Tested by Tokyo Metropolitan Industrial Technology Research Institute.
*The above test data are measured values and not intended to guarantee performance.

cfu/10cm²

Formaldehyde Emission Test

Test Methodology: JIS A6921:2003 with UV-2550 Ultraviolet Visible Light Spectrophotometer, 415mm, 23°C

Test Result: No Detection (less than 0.1 mg/L)

Certification and Verifications Organizations that Reatec is listed by







Produced by:



sangetsu.co.jp/english | +81 52 564-3250

Corporate Office 1-4-1 Habashita, Nishi ku Nagoya 451-8575, Japan For Technical Information:



reatec.co | 212-889-2782

Distributed by:



surface-scape your vision

koroseal.com