エクセレクト

XSELECT

WALLCOVERINGS 2021-2024

プレミアムセレクション 素材系壁紙・輸入壁紙

P.28 Functional Description

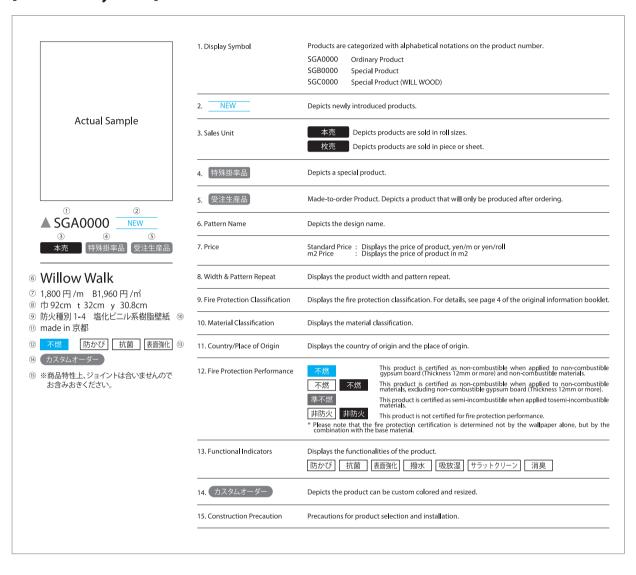
P.32 Notes on Product Selection / Installation

P.47 Maintenance of Wallcoverings

2021年4月

sangetsu

[Indication Symbols]



防かび Antifungal

 Based on the performance regulations for antifungal wallpaper established by the Wallpaper Manufacturers Association, products with 0 test results are marked with "antifungal".

_		
Mold Growth		
No mold development is visible to the naked eye and under the microscope		
Mold growth is not visible to the naked eye, but visible clearly under a microscope	1	
Mold growth is visible to the naked eye and the area of growth is less than 25% of the total sample area		
Mold growth is visible to the naked eye, and the area of growth is 25% or more and less than 50% of the total area of the sample	3	
Mold grows well, and the area of growth is 50% or more of the total area of the sample	4	
Mold grows violently and covers the entire surface of the sample	5	

The display calculates the average of 5 points of test pieces, rounded off to the first decimal place.

[Precaution of Use]

- Anti-mold labelled products have anti-mold functions, but the wallpaper alone cannot prevent the formation of mold. Mold formation is greatly affected by the structure of the building and the indoor environment. Always ventilate, maintain good ventilation, and prevent humidity from increasing. It is more effective to add a fungicide to the glue during construction.
- If mold is only on the surface of the wallpaper, we recommend to wipe it off with rubbing alcohol early. Depending on the type of wallpaper, the surface may be damaged, do try cleaning at an inconspicuous area first. Please consult a specialist if you are experiencing a large number of mold growth.

表面強化 Surface Strengthen

Based on the performance regulations for surface strengthen wallpaper established by the Wallpaper Manufacturers
 Association, products with test results of grade 4 or above are marked as "surface strengthen".

■ Surface Strengthen Performance Test

Grade	Criteria
Grade 5	No visible change at first glance
Grade 4	Some surface scratches are seen, but no comparatively large surface layer breakage, etc.
Grade 3	The tear of the surface layer is clearly visible
Grade 2	The surface is torn and the backing paper is clearly visible (length less than 1 cm)
Grade 1	The surface is torn and the backing paper is clearly visible (1 cm or more in length)

^{*} Test results are measured values, not guaranteed values.

抗 菌 Antibacterial

- It is effective in suppressing the growth of bacteria attached to the surface of wallpaper.
- Useful for creating a clean and comfortable environment.

Antibacterial Test

It has the performance of the specified value [<0.63].

Antibacterial Agent Coating Type

To d Do do do	After	Viable cell count after 24 hours at 35°C	
Test Bacteria	Inoculation	Unprocessed Piece	Antimicrobial Specimen
E. Coli	4.2 x 10 ⁵	3.5 x 10 ⁷	< 0.63
Staphylococcus Aureus	1.8 x 10 ⁵	1.6 x 10 ⁵	< 0.63

サラットクリーン織物壁紙(撥水) SGB2121~2128·SGB2131~2198·SGB2224~2229

SARAT CLEAN Textile Wallpaper (Water Repellent)

• A textile wallpaper with excellent maintainability and workability.

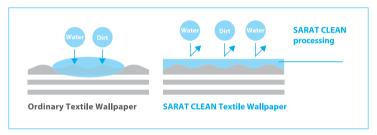
Water repellent and excellent stain resistance

Prevents the absorption of water into the fibers. The special top coating prevents fluffing on the surface and makes it harder to get dirty

■ Easy to handle during installation

Easier to handle than ordinary textile wallpaper as it does not curl and shrink much during installation; edges are also less likely to fray.

Product Characteristics



不燃認定織物壁紙 SGB2199~2231

Fire Rated Textile Wallpaper

• A textile wallpaper that can be certified as non-combustible by applying it to a non-combustible gypsum board (thickness 12mm or more) and non-combustible materials.

Fire Protection Performance

Fire Protection Type 1-1

Base Material	Non-combustible Material	Non-combustible Gypsum Board	Semi-combustible Material	Metal Plate
Fire Protection Performance	Non-combustible	Non-combustible	Semi-combustible	Semi-combustible

Fire Protection Type 1-6

Base Material	Non-combustible Material	Non-combustib l e Gypsum Board	Semi-combustible Material	Metal Plate
Fire Protection Performance	Non-combustible	Non-combustib l e	Semi-combustible	Semi-combustib l e

Recommended Areas

- Hotel rooms and banquet halls
 Facilities such as museums and public offices
 Public offices and courts
 - Office rooms and reception area, conference rooms

 Theater and audio rooms, Piano practice rooms, etc.

美術館·博物館仕様 織物壁紙 SGB2230~2231

Specific for Exhibitions & Museums (Textile Wallpaper)

• Maintains a proper exhibition environment for exhibitions and museums.

Minimizes the release of ammonia and acetic acid

Presence of ammonia and acetic acid in the indoor air environment may cause deterioration, fading, or discoloration to cultural properties and works of art displayed in exhibitions and museums. Textile wallpaper specifically for exhibitions and museums minimizes the release of these substances and maintains an appropriate exhibition environment.

Test Results for Release Concentration of Substance

Substance to be measured	Concentration Reference	Specific for Exhibitions & Museums
		Textile wallpaper
Ammonia	Lesser than 30ppb	Lesser than 30ppb
Acetic Acid (as an organic acid)	Lesser than 170ppb	Lesser than 80ppb
Formaldehyde	Lesser than 80ppb	1.46ppb
Acetaldehyde	Lesser than 30ppb	N.D. (Below limit of quantification)

The concentration reference only serves as a guideline value that is desirable for the exhibition environment. Ammonia and acetic acid are measured by passive indicators.

Formaldehyde and acertaldehyde are measured in accordance with JIS A 1901 (Small chamber method).

Test results are measured values, not guaranteed values.

Fire Rating

Non-combustible certification can be obtained by applying onto a non-combustible gypsum board (thickness 12mm or more) and non-combustible materials.

珪藻十壁紙 SGB2266~2296

Diatomaceous Earth Wallpaper

■ Texture of Material

Features a matte texture unique to natural materials. It prevents the reflection of light and creates a warm and calm space.

■ Humidity Control Effect

Absorbs moisture in the summer and releases it in the winter to control the humidity in the room and reduce the formation of condensation and mold.

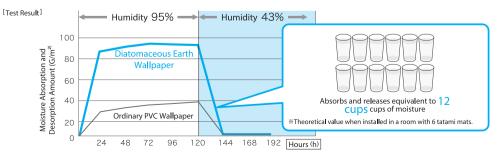
What is diatomaceous earth?

A fossil of a diatom shell, a type of plant algae, is a deposit formed on the bottom of the sea or lake. It is known for its humidity control effect and deodorant effect due to its porous structure with innumerable pores. It has been used mainly as a coating material for interior and exterior walls since ancient times in Japan.

■ Moisture Absorption and Desorption Test

[Test Method] A wallpaper is attached to a gypsum board as a test.

After absorbing moisture at room temperature of 30°C and humidity of 95%, measure the change in weight when moisture is released at room temperature of 27°C and humidity of 43%.



- % The effect may vary depending on the environment and climate.
- * Test results are measured values, not guaranteed values.

Notes on Product Selection (General Information)

1. Flame Retardant Property

The Building Standards Law stipulates fire prevention standards for interior finishes in buildings, and requires the use of certified materials according to the use, scale, and structure of the building. Please note that fire prevention performance is not only determined by the fire prevention certification of the wallcovering material, but also by the combination of the substrate material and installation method.

2. Functional Wallcovering

As for functional wallcoverings, please understand the characteristics and cautions of each before selecting.

3. Environments

Please avoid using the product in high temperature, high humidity, wet environment or outdoors.

If the product is to be used in a place where there is a noticeable gaps on the substrate, such as near the ceiling or indirect lighting, it is recommended to choose a thicker product.

4. Pattern Match

Please note that products that require pattern matching will require more length than solid color products. When installing the product, please refer to the "repeat" indication on the catalog to match the pattern.

5. Product using Pearl Ink and Glitter

For products with pearl ink or glitter, please note that pearl or glitter particles on the wallcovering surface may adhere if it is rubbed with clothing.

6. Environments

Japanese washi paper, foil wallpaper, textile wallpaper, etc. are more difficult to install than ordinary vinyl wallpaper, therefore the construction cost may be higher. Please check the product characteristics and site environment in advance before selecting a product.

Notes on Installation (General Information)

1. Substrate Preparation

Smoothing Substrate

In order to prevent unevenness after installation, please finish the substrate smoothly.

To avoid discoloration of screws and nails after installation, hammer in the protrusions completely and prevent rusting.

Sealer Treatment

If applied directly to wood, plywood, concrete, or mortar substrates, stains or discoloration may occur on the wallcovering. Be sure to pre-treat the substrate with a dedicated sealer. Sealer treatment prevents poor adhesion and discoloration, and also makes it easier to remove during renovation.

Using the same color putty as the substrate

Use putty of the same color as the substrate. If you use putty of a different color from the substrate, the color of the putty may show through after installation.

Dry Substrate

Wet substrates such as concrete or mortar, and areas where sealer or putty has been applied, should be sufficiently dry (moisture content of 11% or less) before starting installation.

Insufficient drying may result in discoloration, peeling, or mildew of the wallcovering.

Remove the backing paper remained on the substrate surface

When replacing wallcovering, if the backing paper of the previously applied wallcovering remains, remove the remaining backing paper completely before installation.

If it is left in place, it may cause gaps and floats.

2. Adhesive

Preparation for installation site environment

Take care to adjust the adhesive dilution and booking time according to the environment and temperature, or warm up the room. Be sure to follow the precautions for the adhesive, especially in environments below 5°C, as this will result in weak adhesion and installation failure.

Amount of Dilution/Application

Dilute the adhesive according to the ratio specified by the adhesive manufacturer. Apply the adhesive evenly at a rate of 140 to 160 g/m2.

Notes on Installation (General Information)

Notes after gluing

After gluing on the wallcovering, please allow an appropriate booking time. It makes installation easy and prevents blister and gaps. Also, avoid folding the wallcovering tightly so that no stress is applied to the bends. Otherwise folded lines may be generated and may not be restored.

[How to Fold after Gluing]



3. Hanging Procedure

Check Lot No. and Installation Note

Be sure to use the wallcovering from the same lot no. when you install in the same area. If you use a different lot, it may cause the color difference. Please be sure to check the [Installation Notes] carefully before installing the product.

Width

Be sure to use wallcovering with an effective width. The overlapping selvage is not included in the effective width. Use beyond the effective width may cause color differences between the joints.

Notes for Plasterboard Substrate

If you cut into the gypsum board base paper with a cutter, it may cause gaps, so please use the underlay tape when cutting. Also, do not joint near the seams of the boards. It may affect the finish.

Notes for Veneer Substrate

When installing by overlap-cutting on a wood substrate such as veneer, scratching the sealer applied surface with a cutter may cause discoloration due to exudation of scum. When cutting, we recommend using underlay tape or butt joint installation.

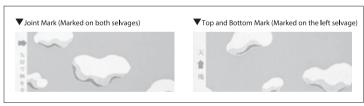
Pattern Matching

For products that require pattern matching, "Repeat" is noted in the catalogue. The repeat value is a theoretical value and may cause an error. At the time of installation, please refer to the joint mark and visually align the patterns to cut by over-lapping.

Joint Position

Joints should be on the edge of the wallcovering. If you joint at the edge and center of each wallcovering, color difference may occur. Also, check the top and bottom, right and left, and then install in the same direction. In particular, when installing on the top and bottom of the opening, or using the remaining material for adding or repairing parts, please be careful that the color difference is likely to occur by installing partially in other direction.

[Mark on Wallcovering's Edge]



Remained glue and dirt

Please be careful not to attach glue or dirt on the surface of the wallcovering or around the edges. If it does, wipe it off immediately with a damped cloth with clean water, and then wipe it dry. Leaving it with glue or dirt on it may cause mold or discoloration.

Hanging Check

Although we take every possible measure for quality, please make sure that there is no problem with the product when you install about 3 drops of wallcovering just in case. If you determine that there is a clear defect, stop the work immediately and contact the store or our sales office. As a general rule, we cannot accept compensation for installation costs after the 3 drops.

4. Curing

Air Dry after the Installation

After installation, allow it to air dry until the glue become stable. If it is dried quickly, it may cause peeling or curling.

Curing Tape

Please note that the use of highly adhesive tape may cause tears, stains, or discoloration.

For notes on the selection and installation of each product, please refer to the contents of each category on pages 35-46.

Product Number			Category Product Selection and [Installation Notes]
		Kage to Hi	ikari
SGB2001			С
SGB2002	~	SGB2003	A
SGB2004	~	SGB2005	К
SGB2006	~	SGB2009	D
SGB2010	~	SGB2011	К
SGB2012	~	SGB2017	N
SGB2018	~	SGB2020	A
SGB2021	~	SGB2024	D
		SHITSURAH	<u> </u>
SGB2031			С
SGB2032	~	SGB2038	A
SGB2039	~	SGB2042	В
SGB2043	~	SGB2054	А
SGB2055	~	SGB2093	D
SGB2096	~	SGB2107	E
SGB2108	~	SGB2117	Q
SGB2121	~	SGB2229	J
SGB2230	~	SGB2231	М
SGB2236	~	SGB2263	N
SGB2266	~	SGB2298	R
		Brand Selection	on
SGB2301	~	SGB2337	Р
SGB2338	~	SGB2346	Н
SGB2347	~	SGB2350	U
SGB2351	~	SGB2352	X
SGB2353	~	SGB2354	V
SGB2355	~	SGB2356	W
SGB2357	~	SGB2377	Р
SGB2378	~	SGB2397	F
SGA2401	~	SGA2424	0
SGA2425	~	SGA2426	J
SGA2427	~	SGA2432	N
SGA2433	~	SGA2434	0
SGA2435	~	SGA2436	S
SGA2437	~	SGA2442	G
SGA2443	~	SGA2444	0
SGA2445	~	SGA2447	S
SGA2448	~	SGA2450	I
SGA2451	~	SGA2474	0

			1
Product Number			Category Product Selection and [Installation Notes]
		Design Selecti	ion
SGA2476	~	SGA2477	N
SGA2478	~	SGA2481	S
SGA2482	~	SGA2483	0
SGA2484	~	SGA2485	S
SGA2486	~	SGA2487	Q
SGA2488	~	SGA2493	I
SGA2494	~	SGA2499	0
SGA2500	~	SGA2501	R
SGA2502	~	SGA2503	Q
SGA2504	~	SGA2512	R
SGA2513	~	SGA2515	Q
SGA2516	~	SGA2517	D
SGA2518	~	SGA2521	R
SGB2526	~	SGB2533	L
SGB2534	~	SGB2539	Т
SGA2540	~	SGA2555	Q

Product Selection and [Installation Notes] by Category (General Information)

[Notes on Installation]

- Carefully prepare the substrate and smooth the installation surface.
- When installing on a mortar or plywood base, apply a sealer treatment to prevent blisters and marks. SA Sealer (BB-318) is recommended. The sealer treatment stabilizes the breathability of the substrate and reduces the aging of the wallcovering surface.
- Avoid direct sunlight, sudden temperature changes due to air conditioning, and environmental changes such as drying. It may cause
 gaps between the joints.

A. Paper Wallcovering: Hand-Crafted Japanese Paper

Features: Hand-crafted Japanese paper wallpaper with a variety of techniques applied to each sheet.

[Selection Notes]

- · As it is hand-crafted product, each product has different colors and textures. Please note that joints do not match.
- As it is using natural material, the joints may have color differences.
- · Please handle with extra care as it is using natural material.
- Installation cost may be more expensive as it need higher skills compare to ordinary PVC wallcovering.

[Installation Notes]

- We recommend to layout the pieces and check the overall balances of colors and patterns before the installation.
- The recommended adhesive for Japanese Paper Wallcovering varies from products to product.
- After gluing, fold it loosely to avoid creases and please avoid stacking.
- The standard book time is more than 15 minutes. Since the book time depends on the temperature and humidity, adjust it according to the site environment. Too much book time may cause the glue dry and lead to a poor performance.
- · Apply the adhesive evenly. Do not use gluing machine for this product.
- Overlapping joint is recommended. *We recommend Overlap cutting for SGB2033-2035 due to its characteristics.
- Use a soft brush and do not use hard tools such as metal spatulas.
- Remove any glues on surface immediately with squeezed sponge or cloth.

B. Paper Wallcovering: Hand-Crafted Japanese Paper (Lacquer)

Features: Hand-crafted Japanese Paper Wallpaper which is using lacquer

[Selection Notes]

- · As it is hand-crafted product, each product has different colors and textures. Please note that joints do not match.
- As it is using natural material, the joints may have color differences.
- · Please handle with extra care as it is using natural material.
- Installation cost may be more expensive as it need higher skills compare to ordinary PVC wallcovering.

- · We recommend to layout the pieces and check the overall balances of colors and patterns before the installation.
- · The recommended adhesive is BB-307.
- After gluing, fold it loosely to avoid creases and please avoid stacking.
- The standard book time is more than 30 minutes. Since the book time depends on the temperature and humidity, adjust it according to the site environment. Too much book time may cause the glue dry and lead to a poor performance.
- · Apply the adhesive evenly. Do not use gluing machine for this product.
- · Overlapping joint is recommended. To enhance adhesion, please sand the surface of overlapping areas.
- Use a soft brush and do not use hard tools such as metal spatulas.
- Due to the characteristics of the product, there is a risk of the surface cracking, so please avoid installing it in a corner.
- Remove any glues on surface immediately with squeezed sponge or cloth.

C. Paper Wallcovering: Hand-Crafted Japanese Paper (Transparent)

Features: Transparent Hand-crafted Japanese paper Wallpaper

[Selection Notes]

- · As it is hand-crafted product, each product has different colors and textures. Please note that joints do not match.
- As it is using natural material, the joints may have color differences.
- Please handle with extra care as it is using natural material.
- Installation cost may be more expensive as it need higher skills compare to ordinary PVC wallcovering.

[Installation Notes]

- We recommend to layout the pieces and check the overall balances of colors and patterns before the installation.
- Since this product tends to allow the substrate to show through, apply Color Sealer Muhen(white) (manufactured by Yayoi Chemical Industry Co., Ltd.) to the entire surface before installation.
- The recommended adhesives are BB-378 and Wall Bond 105(Manufactured by Wall bond Industries Co., Ltd.).
- After gluing, fold it loosely to avoid creases and please avoid stacking.
- The standard book time is more than 10 minutes. Since the book time depends on the temperature and humidity, adjust it according to the site environment. Too much book time may cause the glue dry and lead to a poor performance.
- Apply the adhesive evenly. Do not use gluing machine for this product.
- Overlapping joint is recommended.
- When applying the rollers, use a cloth or paper to apply the rollers, and be careful not to damage the texture.
- Use a soft brush and do not use hard tools such as metal spatulas.
- Remove any glues on surface immediately with squeezed sponge or cloth.

D. Paper Wallcovering: Machine-Made Japanese Paper

Features: Transparent Hand-crafted Japanese paper Wallpaper.

[Selection Notes]

- · As it is hand-crafted product, each product has different colors and textures. Please note that joints do not match.
- · Long pieces of straw or hemp may come off.

- · Use putty of the same color as the substrate. Special care should be taken with products that are thin in thickness or white in color.
- The recommended adhesives are BB-378 and BB-304.
- After gluing, fold it loosely to avoid creases and please avoid stacking.
- The standard book time is more than 10 minutes. Since the book time depends on the temperature and humidity, adjust it according to the site environment. Too much book time may cause the glue dry and lead to a poor performance.
- · Apply the adhesive evenly.
- · Overlapping joint is recommended.
- Do not use a roller or other tool to apply a strong pressure to the overlapping area, but use a brush or other tool to press down on the overlapping area.
- Use a soft brush and do not use hard tools such as metal spatulas.
- Remove any glues on surface immediately with squeezed sponge or cloth.

E. Paper Wallcovering: Foil Wallcovering

Features: Wallcovering which is using foils

[Selection Notes]

- Since the products are hand-crafted, each roll has different texture and color. Joints do not match.
- · Handle with care as this is a natural material.
- Do not install on non-water-absorbent substrates such as metal plates.
- Do not install the product around water or other places where water may splashed.
- Installation cost may be more expensive as it need higher skills compare to ordinary PVC wallcovering.

[Installation Notes]

- To fix the curl, unpack and rewind (Reverse) the roll a day before installation.
- In the case of indirect lighting, unevenness of the substrate may become visible.
- · The recommended adhesives are BB-378 and Wall Bond 105 (Manufactured by Wall bond Industries Co., Ltd.).
- After gluing, fold it loosely to avoid creases and please avoid stacking.
- The standard book time is more than 15 minutes. Since the book time depends on the temperature and humidity, adjust it according to the site environment. Too much book time may cause the glue dry and lead to a poor performance.
- · Apply the adhesive evenly. Do not use gluing machine for this product.
- If you install the power outlet cover before the glue has dried, it may cause discoloration.
- Overlapping joint is recommended. To enhance adhesion, please sand the surface of overlapping areas.
 Use a cloth or paper for the overlap and crimp it with a roller.
- Use a soft brush and do not use hard tools such as metal spatulas.
- If condensation or glue adheres to the surface of the wallpaper, wipe it off with a water-soaked microfiber cloth, and then wipe the
 water clean with a dry microfiber cloth. During the summer months, it is easy for condesation to occur on the surface, so please be
 especially careful when installing.

F. Paper Wallcovering: Imported Wallcovering

Features: Imported Wallcovering

[Selection Notes]

· Please note that the joint is easily noticeable due to its thickness and flat surface.

- Decide the allocation of the wallcovering for the installation area before installing it.
- For large patterned product, it is better to allocate the center of the pattern at the center of the wall.

 For places with limited work space, such as the backside of a toilet tank, instead of placing the joint in the center of the wall, place one drop in the center and joint it on both sides.
- The recommended adhesives are BB-378 and BB-304.
- After gluing, fold it loosely to avoid creases and please avoid stacking.
- The standard book time is more than 15 minutes. Since the book time depends on the temperature and humidity, adjust it according to the site environment. Too much book time may cause the glue dry and lead to a poor performance.
- · Overlapping cutting is recommended for the joints but for the product with trimmed selvage, please perform a butt joint.
- Use a soft brush and do not use hard tools such as metal spatulas.
- Be careful as it is easy to get dirty. If it gets dirty, wipe it off quickly with a clean, dry cloth by dabbing it lightly. Fine stains may be removed by rubbing with an eraser.

G. Paper Wallcovering: Direct Fleece Wallcovering (Made in Japan)

Features: Wallcovering which directly prints on fleece paper

[Selection Notes]

• Please note that the solid area of the wallcovering is easily scratched.

[Installation Notes]

- · The recommended adhesives are BB-378 and BB-304.
- · After gluing, fold it loosely to avoid creases and please avoid stacking.
- The standard book time is more than 15 minutes. Since the book time depends on the temperature and humidity, adjust it according to the site environment. Too much book time may cause the glue dry and lead to a poor performance.
- Use a soft brush and do not use hard tools such as metal spatulas.
- If glue adheres to the surface of the wallcovering, wipe it off quickly by dabbing with a clean, dry cloth.

H. Paper Wallcovering: Direct Fleece Wallcovering (Import)

Features: Imported wallcovering which directly prints on fleece paper

[Selection Notes]

• Due to the manufacturing process, there may be color differences or unevenness at the joints.

[Installation Notes]

Decide the allocation of the wallcovering for the installation area before installing it.

- For large patterned product, it is better to allocate the center of the pattern at the center of the wall.
 For places with limited work space, such as the backside of a toilet tank, instead of placing the joint in the center of the wall, place one drop in the center and joint it on both sides.
- The recommended adhesives are BB-378 and BB-304. Since it is using unique backing materials, please pay attention to the amount of glue applied.
- After gluing, fold it loosely to avoid creases and please avoid stacking.
- The standard book time is more than 15 minutes. Since the book time depends on the temperature and humidity, adjust it according to the site environment. Too much book time may cause the glue dry and lead to a poor performance.
- Use a soft brush and do not use hard tools such as metal spatulas.
- If glue adheres to the surface of the wallcovering, wipe it off quickly by dabbing with a clean, dry cloth.

I. Paper Wallcovering: Flocked Wallcovering

Features: Wallcovering which has a flocked surface that adheres short fibers to the surface.

[Selection Notes]

• Do not install at places where water is splashed such as sanitary areas.

- The recommended adhesives are BB-378 and BB-304.
- · After gluing, fold it loosely to avoid creases and please avoid stacking.
- The standard book time is more than 15 minutes. Since the book time depends on the temperature and humidity, adjust it according to the site environment. Too much book time may cause the glue dry and lead to a poor performance.
- If the flocked area is pressed too hard, it will become shiny. Use a cloth or paper to apply pressure, and press down lightly with a soft roller.
- The surface texture is directional and joints are easily become noticeable. Make sure to hang with same direction.
- Since the product has elasticity, please pay attention to the book time and match the pattern during the installation.
- If glue adheres to the surface of the wallcovering, wipe it off quickly by dabbing with a clean, dry cloth.

J. Textile Wallcovering

Features: Textile wallcovering which is woven with variety of techniques.

[Selection Notes]

- Due to the characteristics of the product, there may be color differences or bending at the joints.
- The pattern does not match exactly. Please note that the joint part may be noticeable.
- Although we apply anti-fray treatment to textile wallcovering, it is not possible to completely prevent fraying.

[Installation Notes]

- Use putty of the same color as the substrate. Special care should be taken with products that are thin in thickness or white in color.
- The recommended adhesives is BB-378. Due to the difference in the expansion and contraction rate between the surface textile and the backing paper, the backing paper may wrinkle, which may affect the surface textile, so please pay attention to the selection of the adhesive and amount applied.
- After gluing, fold it loosely to avoid creases and please avoid stacking. Especially for the vertical warping products it easily get wrinkled so please handle with extra care.
- The standard book time is more than 20 minutes. Since the book time depends on the temperature and humidity, adjust it according to the site environment. Too much book time may cause the glue dry and lead to a poor performance.
- Install with attention to the top and bottom directions so that the selvage threads are on the right side.
- Use a soft brush or rubber roller to crimp. Stroke in a constant direction and be careful not to fray the edges.
- Always use a cutter with a sharp edge, and install with underlayment tape (BB-471) to avoid cutting into the surface of the substrate board.
- · Please join the edges with the effective widths.
- Do not use a damped cloth nor detergents as it may become a stain.
- · Keep away from water droplets as it may leave a mark as a ring stain.
- If glue adheres to the surface of the wallcovering, wipe it off guickly by dabbing with a clean, dry cloth.

K. Textile Wallcovering (Hand-Crafted)

Features: Hand-crafted textile wallcovering which is made from a fabric woven with lustrous yarns.

[Selection Notes]

- As it is hand-crafted product, each piece of fabric has its own pleats with different coarseness and texture.
- · Joint does not match.
- Due to its characteristics, thread slippage may be noticeable.

- We recommend to layout the pieces and check the overall balances of colors and patterns before the installation.
- Use putty of the same color as the substrate. Special care should be taken with products that are thin in thickness or white in color.
- · The recommended adhesives is BB-378.
- After gluing, fold it loosely to avoid creases and please avoid stacking.
- The standard book time is more than 10 minutes. Since the book time depends on the temperature and humidity, adjust it according to the site environment. Too much book time may cause the glue dry and lead to a poor performance.
- Apply the adhesive evenly. Do not use gluing machine for this product.
- Use a soft brush or rubber roller to crimp. Stroke in a constant direction and be careful not to fray the edges.
- Always use a cutter with a sharp edge, and install with underlayment tape (BB-471) to avoid cutting into the surface of the substrate board.
- Please join the edges with the effective widths.
- Do not use a damped cloth nor detergents as it may become a stain.
- Keep away from water droplets as it may leave a mark as a ring stain.
- If glue adheres to the surface of the wallcovering, wipe it off quickly by dabbing with a clean, dry cloth.

L. Textile Wallcovering (Fur)

Features: Wallcovering which is using raised pile fabrics.

[Selection Notes]

- Due to the characteristics of the product, there may be color differences at the joints.
- The pattern does not match exactly. Please note that the joint part may be noticeable.

[Installation Notes]

- Use putty of the same color as the substrate. Special care should be taken with products that are thin in thickness or white in color.
- · The recommended adhesives is BB-378.
- After gluing, fold it loosely to avoid creases and please avoid stacking.
- The standard book time is more than 10 minutes. Since the book time depends on the temperature and humidity, adjust it according to the site environment. Too much book time may cause the glue dry and lead to a poor performance.
- · Apply the adhesive evenly. Do not use gluing machine for this product.
- Install with attention to the top and bottom directions so that the selvage threads are on the right side.
- Use a soft brush or rubber roller to crimp. Stroke in a constant direction and be careful not to fray the edges. Be sure not to cut the fur.
- Always use a cutter with a sharp edge, and install with underlayment tape (BB-471) to avoid cutting into the surface of the substrate board
- · Please join the edges with the effective widths.
- Do not use a damped cloth nor detergents as it may become a stain.
- If glue adheres to the surface of the wallcovering, wipe it off quickly by dabbing with a clean, dry cloth.

M. Textile Wallcovering (For Museums)

Features: Textile wallcovering that suppresses the release of ammonia and acetic acid to maintain a comfortable exhibition space.

[Selection Notes]

- Due to the characteristics of the product, there may be color differences or bending at the joints.
- The pattern does not completely match. Please note that the joint part may be noticeable.
- · Although we apply anti-fray treatment to textile wallcovering, it is not possible to completely prevent fraying.

- · Use putty of the same color as the substrate. Special care should be taken with products that are thin in thickness or white in color.
- The recommended adhesives is BB-378. Due to the difference in the expansion and contraction rate between the surface textile and the
 backing paper, the backing paper may wrinkle, which may affect the surface textile, so please pay attention to the selection of the
 adhesive and amount applied.
- After gluing, fold it loosely to avoid creases and please avoid stacking.
- The standard book time is more than 10 minutes. Since the book time depends on the temperature and humidity, adjust it according to the site environment. Too much book time may cause the glue dry and lead to a poor performance.
- Install with attention to the top and bottom directions so that the selvage threads are on the right side.
- · Use a soft brush or rubber roller to crimp. Stroke in a constant direction and be careful not to fray the edges.
- Always use a cutter with a sharp edge, and install with underlayment tape (BB-471) to avoid cutting into the surface of the substrate board.
- Please join the edges with the effective widths.
- Do not use a damped cloth nor detergents as it may become a stain.
- Keep away from water droplets as it may leave a mark as a ring stain.
- If glue adheres to the surface of the wallcovering, wipe it off quickly by dabbing with a clean, dry cloth.

N. Paper Textile • Sisal Wallcovering

Features: Wallcovering which is woven with natural materials (Paper • Linen).

[Selection Notes]

• Due to the natural material, the joints will not match. Also, please note that the color of the product is not even.

[Installation Notes]

- The recommended adhesives are BB-378 and BB-304.
- After gluing, fold it loosely to avoid creases and please avoid stacking.
- The standard book time is more than 10 minutes. Since the book time depends on the temperature and humidity, adjust it according to the site environment. Too much book time may cause the glue dry and lead to a poor performance.
- Always use a cutter with a sharp edge, and install with underlayment tape (BB-471) to avoid cutting into the surface of the substrate board.
- Please join the edges with the effective widths.
- If glue adheres to the surface of the wallcovering, wipe it off lightly with a hard sponge or cloth.
- If you are concerned about the fluffiness of the sisal, cut it with scissors.

O. PVC Wallcovering

Features: Ordinary PVC Wallcovering

[Selection Notes]

- When the site temperature is low, warm the site and material before the installing. The original effect of the adhesive will not be performed at low temperatures.
- In particular be careful with the products which are thin and has shallow emboss, metallic, or glossy type.
- BB-378 and BB-304 are the recommended adhesive, but please select an appropriate adhesive according to the substrate.
- After gluing, fold it loosely to avoid creases and please avoid stacking.
- The book time can be relatively long, but if you leave it book for a long time, put it in a plastic bag etc. for curing. Too much book time may cause the glue dry and lead to a poor performance.
- Always use a cutter with a sharp edge, and install with underlayment tape (BB-471) to avoid cutting into the surface of the substrate board.
- When installing on the wall, hang it vertically. If you continue to hang it over corners or edges, pattern does not match or you may need extra length to complete.
- It is necessary to install the joint part with a roller, but be careful not to press it too hard, as it may damage the surface.
- Be sure to use wallcovering with an effective width. The overlapping selvage is not included in the effective width. Use beyond the effective width may cause color differences between the joints.
- Leaving it with the glue attached may cause discoloration or mold-growing.
- If glue adheres to the surface of the wallcovering, wipe it off lightly with a hard sponge or cloth.

P. Imported PVC Wallcovering

Features: Imported PVC wallcovering

[Selection Notes]

• Due to the manufacturing process, there may be color differences or unevenness at the joints.

[Installation Notes]

- When the site temperature is low, warm the site and material before the installing. The original effect of the adhesive will not be performed at low temperatures.
- Decide the allocation of the wallcovering for the installation area before installing it.
- For large patterned product, it is better to allocate the center of the pattern at the center of the wall.

 For places with limited work space, such as the backside of a toilet tank, instead of placing the joint in the center of the wall, place one drop in the center and joint it on both sides.
- The recommended adhesives are BB-378 and BB-304.
- After gluing, fold it loosely to avoid creases and please avoid stacking.
- The standard book time is more than 15 minutes. Since the book time depends on the temperature and humidity, adjust it according to the site environment. Too much book time may cause the glue dry and lead to a poor performance.
- Always use a cutter with a sharp edge, and install with underlayment tape (BB-471) to avoid cutting into the surface of the substrate board.
- Use a soft brush for stroking. Friction with a hard brush or cloth may cause whitening and color fading.
 Especially pay attention for a dark colored wallcovering as whitening and color fading will be more noticeable.
- The pearl ink on the surface of the wallpaper may fall off when stroking, but this is not a quality problem.
- For dark-colored products, please be careful not to scratch the surface of the wallcovering.
- Please check the direction and top and bottom of the pattern in the catalogue.
- If glue adheres to the surface of the wallcovering, wipe it off lightly with a tightly squeezed sponge or cloth.

Q. PVC Wallcovering • Paper Wallcovering Aluminum Foils, Aluminum-Metallized Wallcovering

Features: Aluminum foils and aluminum-metallized wallcovering with printing designs

[Selection Notes]

- When the site temperature is low, warm the site and material before the installing. Blister likely to occur at low temperature.
- The recommended adhesives are BB-378 and BB-304. For diluted glues, use reinforcing glue 300 BB-451 if necessary.
- After gluing, fold it loosely to avoid creases and please avoid stacking.
- The standard book time is more than 30 minutes. Since the book time depends on the temperature and humidity, adjust it according to the site environment. Too short book time may cause blisters.
- When installing a corner, use a clean cloth to press down firmly from the surface of the bent wallcovering. Please note that this product is harder than ordinary PVC wallcovering due to the metal laminate.
- Use a cloth or paper to apply the roller.
- Use a soft brush and do not use hard tools such as metal spatulas.
- If glue or dirt adheres to the surface of the wallcovering, wipe it off with a clean damped cloth, and then wipe it clean with a dry cloth. If any residue is left, it may cause discoloration.

R. Diatomaceous Earth, Juraku Wallcovering

Features: Wallcovering which is using natural diatomaceous earth and ore.

[Selection Notes]

- Due to the use of natural materials, color differences may occur at the joints.
- Due to the manufacturing process, particles may fall off.

[Installation Notes]

- The recommended adhesives are BB-378 and BB-304.
- After gluing, fold it loosely to avoid creases and please avoid stacking.
- The standard book time is more than 15 minutes. Since the book time depends on the temperature and humidity, adjust it according to the site environment. Too much book time may cause the glue dry and lead to a poor performance.
- Please avoid storing in a curing bag when taking book time, as this may lead to a hot and humid environment and the material on the surface of the wallcovering may easily come off.
- Always use a cutter with a sharp edge, and install with underlayment tape (BB-471) to avoid cutting into the surface of the substrate board.
- Do not allow the glue to adhere to the surface of the wallcovering, as this may cause discoloration and missing particles on the surface.
- Please handle with care after gluing, as the material on the surface of the wallcovering may come off.
- Use a soft brush and do not use hard tools such as metal spatulas.
- Do not wipe with damped cloth nor detergent as it may cause stains.
- If glue adheres to the surface of the wallcovering, wipe it off quickly by dabbing with a clean, dry cloth.

S. Crystal Beads Wallcovering

Features: Wallcovering which is using glass beads and marble particles.

[Selection Notes]

• Due to the manufacturing process, particles may fall off.

- The recommended adhesives are BB-378 and BB-304.
- After gluing, fold it loosely to avoid creases and please avoid stacking.
- The standard book time is more than 15 minutes. Since the book time depends on the temperature and humidity, adjust it according to the site environment. Too much book time may cause the glue dry and lead to a poor performance.
- Please avoid storing in a curing bag when taking book time, as this may lead to a hot and humid environment and the material on the surface of the wallcovering may easily come off.
- Always use a cutter with a sharp edge, and install with underlayment tape (BB-471) to avoid cutting into the surface of the substrate board.
- Please use a rubber roller to apply the roller carefully. Do not use metal rollers as they may damage the wallcovering surface and cause it to lose its gloss.
- Do not apply the roller strongly or rub the surface strongly. The particles may come off or the gloss may change.
- If there are particles on the back side, remove them by flipping the wallcovering.
- If any particles remain on the back side, dab the surface gently with a cloth. (Test it in an inconspicuous area before it is completely dry on a plasterboard substrate.)
- If glue adheres to the surface of the wallcovering, wipe it off quickly by dabbing with a clean, dry cloth.

T. Plastic Wallcovering Glitter

Features: Glossy wallcovering with films layered on the surface.

[Selection Notes]

- Due to the characteristics of the product, some pieces of film may fall off.
- Since the pieces of films' glossiness are not even, color differences may occur at the joints.

[Installation Notes]

- The recommended adhesives are BB-378 and BB-304.
- After gluing, fold it loosely to avoid creases and please avoid stacking.
- The standard book time is more than 15 minutes. Since the book time depends on the temperature and humidity, adjust it according to the site environment. Too much book time may cause the glue dry and lead to a poor performance.
- Please avoid storing in a curing bag when booking, as this may lead to a hot and humid environment and the material on the surface of the wallcovering may easily come off.
- For joints, we recommend using joiners or hat type joiners, or to perform overlapping cuts.
- Always use a cutter with a sharp edge, and install with underlayment tape (BB-471) to avoid cutting into the surface of the substrate board.
- When stroking, use a cloth to press down softly.
- When applying the roller, use a rubber roller and apply a cloth or paper to the roller.
- After installation, lightly stroke it with a brush to remove excess small pieces.

U. Cork Wallcovering

Features: Imported Wallcovering which is using natural corks.

[Selection Notes]

• As it is using natural material, color differences may occur at the joints.

- The recommended adhesives are BB-378 and BB-304.
- After gluing, do not fold it but roll it up for storage. Please note that the cork may crack if it is piled up and a strong load is applied.
- The standard book time is more than 10 minutes. Please allow more book time for corners as the wallcovering is hard to fit in. Since the book time depends on the temperature and humidity, adjust it according to the site environment. Too much book time may cause the glue dry and lead to a poor performance.
- Please avoid storing in a curing bag when booking, as this may lead to a hot and humid environment and the material on the surface of the wallcovering may easily come off.
- Always use a cutter with a sharp edge, and install with underlayment tape (BB-471) to avoid cutting into the surface of the substrate board.
- Use the reinforcing adhesive 300 Clean (BB-451) and carefully crimp the corners.
- If condensation or glue gets on the surface of the wallcovering, wipe it off with a damp cloth.

V. Raffia Wallcovering

Features: Wallcovering which is using natural raffia (leaves of the palm plant).

[Selection Notes]

- As it is using natural material, color differences may occur at the joints.
- In the manufacturing process, fibers are knotted together by hand, so there will be knots on the surface of the wallcovering.

[Installation Notes]

- The recommended adhesives are BB-378 and BB-304.
- After gluing, do not fold it but roll it up for storage.
- The standard book time is more than 20 minutes. Since the book time depends on the temperature and humidity, adjust it according to the site environment. Too short book time may cause blisters. Do not dry the product while storing, as the product is very taut and the cavity becomes larger when it is rolled up.
- If the selvage of the wallcovering is not crushed, butt joint can be performed.
- Overlap cut is also possible, but please be careful since it is difficult to cut the knot portion of the fiber.
- When you perform overlap cutting, always use a cutter with a sharp edge, and install with underlayment tape (BB-471) to avoid cutting into the surface of the substrate board.
- · Please change the cutter blade frequently as the product is very taut and difficult to cut especially in the width direction.
- Use the reinforcing adhesive 300 Clean (BB-451) and carefully crimp the corners.
- · Please crimp carefully as it is difficult to bend in the longitudinal direction due to the directionality of the fiber.
- If condensation or glue gets on the surface of the wallcovering, wipe it off with a damp cloth.

W. Linen Wallcovering

Features: Imported Wallcovering which is using natural Linen

[Selection Notes]

- As it is using natural material, color differences may occur at the joints.
- Due to the manufacturing process, the pattern of the joint does not match exactly, but there is a pattern that runs along the width direction. Please decide in advance whether you want the pattern to be aligned or shifted before gluing and cutting.
- The joint may appear to thrust up by the bends in the fiber.

[Installation Notes]

- The recommended adhesives are BB-378 and BB-304.
- After gluing, do not fold it but roll it up for storage.
- The standard book time is more than 15 minutes. Since the book time depends on the temperature and humidity, adjust it according to the site environment. Too much book time may cause the glue dry and lead to a poor performance.
- Always use a cutter with a sharp edge, and install with underlayment tape (BB-471) to avoid cutting into the surface of the substrate board.
- If condensation or glue gets on the surface of the wallcovering, wipe it off with a damp cloth.

X. Paper Weaved Wallcovering

Features: Imported Wallcovering which is using natural pulp.

[Selection Notes]

- As it is using natural material, color differences may occur at the joints.
- Due to the manufacturing process, the pattern of the joint does not match exactly, but there is a pattern that runs along the width direction. Please decide in advance whether you want the pattern to be aligned or shifted before gluing and cutting.
- In the manufacturing process, fibers are knotted together by hand, so there will be knots on the surface of the wallcovering.

- The recommended adhesives are BB-378 and BB-304.
- After gluing, do not fold it but roll it up for storage.
- The standard book time is more than 15 minutes. Since the book time depends on the temperature and humidity, adjust it according to the site environment. Too much book time may cause the glue dry and lead to a poor performance.
- · Butt joint is recommended as this product is hard and may damage its substrate when cutting.
- Use the reinforcing adhesive 300 Clean (BB-451) and carefully crimp the corners.

 If necessary, wet the surface with a sponge moistened with clean water before bending. Also, avoid jointing close to the outside or inside corners.
- If condensation or glue gets on the surface of the wallcovering, wipe it off with a damp cloth.

Maintenance for Wallcovering

Maintenance for Wallcovering

1. General Notes

[Ventilation]

Please be sure to ventilate well for about a week after moving in, as the odor from construction may remain.

[Protection from Direct Sunlight]

Discoloration may occur in places exposed to direct sunlight or hot air for a long time. We recommend to block the sunlight with a curtain or glass film. Also, be careful not to let the hot air from heaters, such as stoves, come into contact the wallcoverings directly.

[Cigarette Smoke and Kitchen Oil Smoke]

Cigarette smoke and kitchen oil smoke will turn the wallcovering yellow in a short period of time, resulting in stubborn stains. Please keep the room ventilated.

[Chemicals and Cosmetics]

Keep away spray chemicals (insecticides, paints, cosmetics, etc.) from the wallcovering. Also, do not apply medicines such as wound medicine or lipstick. Depending on the type of chemicals, the adhered color may not fade or the wallcovering may discolor.

[Keep Space Against Furniture]

Wallcoverings may be discolored by pigments in furniture paints and veneers. Allow some space between the furniture and the wallcovering, It not only discolors but also prevents dew condensation and mold-growing.

[Do Not Stick Adhesive Tape]

Do not put adhesive tape (cellophane tape, duct tape, etc.) on the wallcovering. The adhesive on the tape will transfer to the wallcovering, causing discoloration and stains. Please note that rubber adhesives are particularly susceptible to discoloration. Also, the wallcovering may get damaged when the adhesive tape is peeled off.

2. Cleaning Maintenance

[Ordinary PVC Wallcovering]

Wipe off stains such as food and drinks and seasonings immediately with a damped cloth. If it does not come off easily, use a neutral detergent. The detergent remaining on the wallcovering surface may cause discoloration, so wipe it off with warm water or lukewarm water.

*Do not use strong detergents or organic solvents such as thinner, as they may cause discoloration or damage the surface.

[Japanese Wallcovering • Japanese Paper Wallcovering]

Do not wipe with water as it may cause stains. If dust adheres to the surface, use a brush to remove it.

[Diatomaceous Earth Wallcovering]

Do not wipe with water as it may cause stains. If dust adheres to the surface, use a brush to remove it. If the stain is noticeable, remove it by dabbing the stain with a tightly wrung cloth.

[Textile Wallcovering • Paper Wallcovering]

Do not wipe with water as it may cause stains. If dust adheres to the surface, use a brush to remove it. If the stain is noticeable, remove it by dabbing the stain with a tightly wrung cloth.

3. Maintenance for Peeled off Wallcoverings

If there is partial peeling, remove dust and dirt before the peeling spreads, and then carefully apply glue to the back of the wallcovering and crimp it. It is difficult to repair items that have been peeled for a long time or that have deteriorated and become hard, so we recommend replacing them with new wallcovering.

4. Molds

It is important to note that molds can cause illnesses such as allergies and asthma as well as unpleasant appearance.

[Prevent Molds]

Molds are greatly affected by the structure of the building and the living environment. Always keep ventilation and low humidity.

[If Mold Develops On Wallcovering]

If mold is occurring only on the surface of the wallcovering, it is effective to wipe it off with rubbing alcohol as soon as possible (the surface may get damaged depending on the type of wallcovering, so test before using it in an inconspicuous area). If you have a large number of molds, we recommend that you consult a professional.

Maintenance for Wallcovering

5. Dew Condensation

Condensation and excessive moisture can cause stains, peeling and mold, so please keep ventilation and low humidity in the room.

[Ventilation/Dehumidification]

Always ventilate and discharge the steam generated from heaters to the outside. Be especially careful of vapor in the bathroom and when cooking. It is also effective to use dehumidifiers and absorbents.

[Improve Ventilation]

Please keep a space at the back of furniture to improve the airflow throughout the building.

[Dew Condensation in Winter]

In winter, the temperature difference between indoor and outdoor air is large, and dew condensation tends to occur. It is also particularly likely to occur after using a humidifier. Please keep in mind for frequent ventilation and dehumidification.

6. Others

It is recommended to replace the wallcovering for 5-10 years depending on the usage, while performing some maintenance on a daily basis.

Handling and Delivery Cautions

1. Receipt of Goods

When you receive the product, please check the item number, lot, and quantity on the delivery note. If you receive a product with a different item number or quantity than you ordered, please contact your dealer or our sales office.

2. Check Installation Notes of the Product

Please be sure to understand the product characteristics and installation notes before installation. Installation Notes are indicated on the shipping label of the product. (Japanese Only)

3. Handling and Storage

[At Delivery]

Since the product is a heavy item, ensure sufficient safety when handling and avoid unreasonable transportation. It may cause an accident or injury.

[Storage]

Please store the product in standing position. Avoid horizontal stacking and double-sided stacking, as they tend to leave marks, which can cause gloss differences and emboss crushing.

[Do Not Throw]

Do not throw the product from a high place such as a truck bed. It may cause damage or injury.

[Precautions for Storage]

Avoid storing the product in a place exposed to fire, water, humidity, or direct sunlight. Also, please do not store the product directly on the ground.

Handling and Delivery Cautions

1. Do not incinerate waste of wallcoverings

Do not incinerate the waste of wallcovering or catalogues. Hazardous substances that affect the human body may be generated.

2. Industrial waste disposal

When disposing the waste of wallcovering as industrial waste, entrust it to an appropriately qualified industrial waste disposal operator.

3. General waste disposal

When treating a small amount of wallcovering as general waste (household waste), dispose it in accordance with the municipal regulations.

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