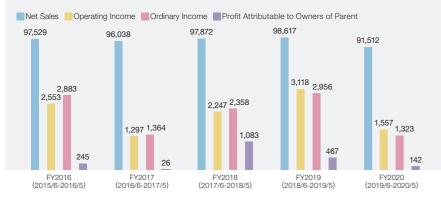
### Corporate Summary

Name of Company	Suminoe Textile Co., Ltd.		
Head Office	11-20, Minami-Semba 3-Chome, Chuo-ku, Osaka 542-8504 Japan		
Founded	1883 (Founder Denshichi Murata began manufacturing carpets.)		
Incorporated	December 25, 1913 (Suminoe Textile Joint-Stock Company)		
Organizational Change	December 26, 1930 (Suminoe Textile Co., Ltd.)		
Capital	9,554,173,950 yen (As of May 31, 2020)		
Board of Directors and Corporate Auditors	Chairman and President Senior Managing Director Senior Managing Director Director Outside Director Outside Director Outside Director Corporate Auditor Outside Corporate Auditor Outside Corporate Auditor Outside Corporate Auditor (As of August 28, 2020)		
Number of Employees	267 employees		

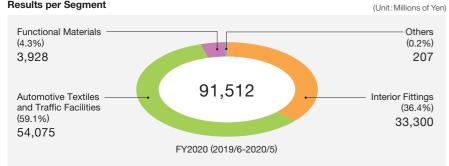
(Consolidated group companies: 2,822 [1,560 in Japan; 1,262 overseas]) (As of May 31, 2020)

### **Consolidated Performance Results**

(Unit: Millions of Yen)



**Results per Segment** 



Head Office 11-20, Minami-Semba 3-Chome, Chuo-ku, Osaka 542-8504 Japan TEL: +81-6-6251-6801

URL https://suminoe.co.jp/en/

Suminoe Textile Co., Ltd.

Tokyo Branch BR Gotanda-Building, 30-4, Nishi-Gotanda 2-Chome, Shinagawa-ku, Tokyo 141-8534 Japan TEL: +81-3-5434-2860

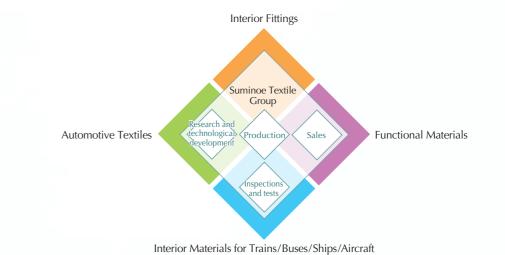
### Suminoe Textile Co., Ltd.

# CORPORATE PROFILE

### 2020-2021

# 135 Years since Our Founding

We will continue to create new value based on the trust earned throughout our history.



The greatest strength of the Suminoe Textile Group lies in maximizing the capabilities of all group companies, through close cooperation between experts in research and technological development, production and sales.

Sales Expertise in proposing optimal solutions that precisely satisfy each customer's needs	<ul> <li>SUMINOE Co., Ltd.</li> <li>Suminoe Textile Co., Ltd. (Industrial Material Business Headquarters)</li> <li>Suminoe Textile Co., Ltd. (Traffic Facilities Business Headquarters)</li> <li>Suminoe Textile Co., Ltd. (Functional Materials Business Headquarters)</li> </ul>	<ul> <li>RUNON CO., LTD.</li> <li>Suminoe Works Co., I</li> <li>Suminoe Teijin Techni</li> <li>Marunaka Souei Co., I</li> <li>Suminoe Textile Co., I</li> <li>(Interior Business Hear</li> </ul>
Production Production engineering capabilities that ensure the stable supply of high-quality products at low cost	<ul> <li>Suminoe Techno Co., Ltd. (Shiga Factory/ Nara Factory)</li> <li>Tango Textile Co., Ltd.</li> <li>Suminoe Textile Co., Ltd. (Kyoto Traditional Art and Craft Factory)</li> <li>Owari Seisen Co., Ltd. (Head Office Factory / Ishikawa Factory)</li> </ul>	<ul> <li>Teijin Tecloth Ltd.</li> <li>Suminoe Textile of An</li> <li>Bondtex, Inc. (United</li> <li>Suminoe Textile de M</li> <li>T.C.H. Suminoe Co., I</li> <li>Suminoe Koide (Thaila</li> <li>PT. Suminoe Surya Textile</li> </ul>
Research and technological development Expertise in developing functions and designs that cater to market trends	<ul> <li>Suminoe Textile Co., Ltd. (Technical Center)</li> </ul>	<ul> <li>Suminoe Teijin Techni (R&amp;D Center)</li> </ul>



Ichizo Yoshikawa Chairman and President

Since its founding in 1883, Suminoe Textile has continued to offer enriched and comfortable lifestyles to customers through its excellent interior products. In recent years, the Company has vigorously engaged in developing environmentally friendly products, in line with its fundamental environmental philosophy, KKR + A, or Kenko (Health), Kankyo (Environment), Recycle and Amenity.

The Suminoe Textile Group also focuses on its overseas expansion. All our global sites strive to carefully meet customer demand in terms of quality, price and supply. By paying respect to each region's characteristics and cultures and promoting the diversification of human resources, Suminoe Textile will enhance its comprehensive strength as a global enterprise.

**ECOS®** Recycled carpet tiles produced under the "closed-loop recycling" system

The ECOS® series of recycled carpet tiles has achieved the industry's highest levels of both the post-consumption recycled material usage





٠ Air-cleaning wall-coverings® With a superior level of safety, this vallpaper semipermanently deodorize unpleasant smells by absorbing and

mposing substances causing

offensive odors, on a 24-hour basis

High-function seat surface material CELL-CLOTH®

CELL-CLOTH® is synthetic leather with a waterproof function and high moisture permeability, which is capable of the seat from becon ing sweat





Noise-absorbing carpet for automobiles With noise absorption and insulation properties, this automotive floor carpet enhances the quietness inside a car

Seat cushion material SUMICUBE®

Featuring light weight and safety in the event of a fire, SUMICUBE® is used for seats of various types of vehicles as a new cushion material. For this product, we have established techniques for after-use collection and recycling into fibe





and attracts passengers' attention

Flooring film for signs This film serves as a non-slip mat that is easy to apply to the floor. warnings or other signs printed on it the film helps prevent accident



### Floor materials for bathrooms





Ever since 1891, when its carpets were supplied to the Imperial Diet Building on the occasion of its opening, the Suminoe Textile Group has created comfortable and safe living spaces as a pioneer in the Japanese interiors industry. Currently, our curtains and carpets are primarily marketed by SUMINOE Co., Ltd. and our wallpaper and paper for sliding doors by RUNON CO., LTD. The Suminoe Textile Group is committed to providing environmentally friendly products that feature both excellent design and functionality, and serving diverse customers by offering a wide variety of interior products for public facilities, hotels, schools, hospitals, and office buildings, as well as for general households.

In recent years, we have worked on the production of eco-friendly products, under the theme of "KKR+A," or Kenko (Health), Kankyo (Environment), Recycle and Amenity.

### Introduction of products

100 March 100



Curtains: "mode S® vol.9"



Rugs and Mats "HOME® RUG MAT 2020-2021"



Hard floor materials with high functionality Wallpaper and quality: "BERRY ALLOC® PURE LVT"



(40)

Curtains

Rugs and Mats

Carpets

Wallpaper/ Paper for liding doors

Arts and

"RUNON HOME 2020-2023"

Doncho: [Tsuzureori Doncho] Tamana Civic Center

Custom carpet: [CYP / Colortec] Hotel New Otani Tokyo, Banquet Room "Fuyo"

What is dantsu (hand-woven carpet or hooked rug)?

Dantsu is a generic name for high-class hand-woven foor carpets or rugs. The Suminoe Textile Group manufactures the hand-woven dantsu, derived from the Sakai-style Dantsu, which started to be woven in the Osaka Sakai area during the Tempo Period (1830-1844), and the Tango Dantsu, which is woven using the hooked rug method

What is doncho (plush hand-woven curtain)? Doncho is a curtain that separates the stage from the auditorium. Our Company manufactures a wide variety of doncho, including: the prestigious Tsuzureori Doncho woven by hand by craftspeople; the Tango Doncho woven using the hooked rug method; the Suminoe Art Doncho woven with electronic Jacquard machines; the Yuzen Doncho, to which the Yuzen techniques are applied; and the Nassenger Print Doncho created with the Nassenger textile printing system, featuring high-resolution images reproduced by digital direct inkjet technology.

## **Our Originality**

Environmentally friendly product at the world's highest level

### **ECOS®** Recycled carpet tiles produced under the "closed-loop recycling" system

ECOS® is a series of recycled carpet tiles produced using horizontal recycling technology. ECOS® has achieved a post-consumption recycled material usage rate of 77% and a CO2 emission reduction rate of 42%.\* These figures are among the highest in the world. Through our proprietary recycling system, recycled materials are created from old carpet tiles. These recycled materials are used to produce the backing materials for ECOS®, which also features cost effectiveness, realizing prices comparable to those of products produced from virgin materials.

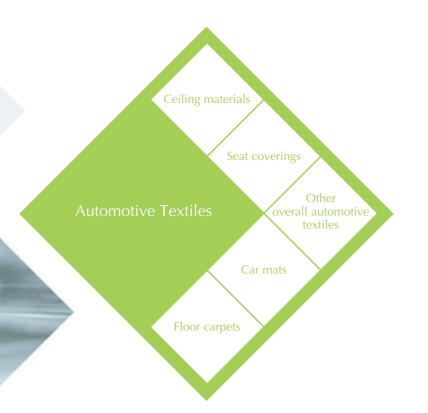
\* Figures for ECOS® SG-300, in comparison to our conventional products, according to LCA results.

Post-consumption recycled CO2 emission reduction rate material usage rate



# At the Vanguard of Lifestyle Creation





### Automotive Textiles

# Our Expertise in Proposing Optimal Solutions as a Total Supplier

In 1931, Suminoe Textile supplied carpets and seat covering materials for automobiles assembled and manufactured in Japan for Ford Motor Company and General Motors. After World War II, the production of domestic automobiles increased, with our products adopted in these Japanese-made cars one after another. At present, Suminoe Textile supplies its products to all Japanese automobile manufacturers. The greatest feature of our Company is that we can supply a total line of automotive textiles, from floors to ceilings, including headliners, seat covering materials, car mats, and floor carpets. Outside Japan, the Suminoe Textile Group has now expanded its overseas presence by setting up 12 manufacturing and sales sites in six countries (the United States, Mexico, China, Thailand, Indonesia, and India), aiming at the creation of a globally optimized supply system.

Delivery track records







Toyota Motor Corpora



CX-8,

Mazda Motor Corporation

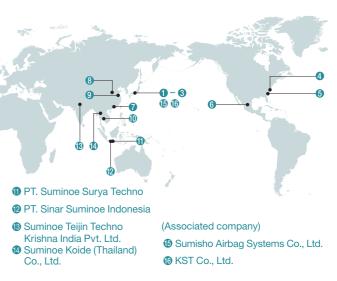
Fortune Toyota Motor Corporation (IMV series of vehicles for emerging markets)

### Group companies

- Suminoe Teijin Techno Co., Ltd
- 2 Teijin Tecloth Ltd.
- 3 Owari Seisen Co., Ltd.
- 4 Suminoe Textile of America Corporation
- 6 Bondtex, Inc.
- 6 Suminoe Textile de Mexico. S.A. de C.V.
- SPM Automotive Textile Co., Ltd.
- 8 Suzhou Suminoe Koide Automotive Accessories Co., Ltd.
- (9) Suminoe Textile Shanghai Co., Ltd. T.C.H. Suminoe Co., Ltd.



# all Japanese automobile manufacturers





## Interior Materials for Trains/Buses/Ships/Aircraft Confidence Based on Our Experience as a Pioneer

In 1896, we succeeded in producing hand-woven moquette as a seat covering for the first time in Japan. This domestic moquette was adopted by Japan National Railways (now JR) for its seat coverings in 1899. Since then, we have supplied our products to JR, private railways and publicly operated transportation services, maintaining the top market share for more than a century. Currently, Suminoe Textile offers total proposals for seat coverings, curtains, wall materials, flooring materials and other interior materials for public transportation systems, such as Shinkansen bullet trains and other trains, buses, ships, and aircraft. We also deliver environmentally friendly products, including SUMICUBE® seat cushion material, which excels in terms of both safety and environmental performance.

Delivery track records



Hokuriku Shinkansen Seat coverings and Roll screen



East Japan Railway Company, New Commuter Train E235 Series (Yamanote Line) Seat coverings and SUMICUBE®



ALL NIPPON AIRWAYS CO., LTD (ANA), Boeing 777-300ER Premium Economy Class Seat coverings



Nara Kotsu Bus Special chartered bus "Seiryu" Seat coverings and pillowcase



Laview



SEIBU RAILWAY Co, Ltd. Seat coverings, curtains, and carpet tiles

## **Our Originality**

Creating a safe and comfortable space in a trair

### Seat cushion material "SUMICUBE®"

The SUMICUBE® polyester seat cushion material uses a safe raw material that does not emit poisonous gases, such as cvanide gas, in the event of a fire. For SUMICUBE®, we have established techniques for after-use collection and recycling into fiber, as part of our efforts to reduce industrial waste to zero. SUMICUBE® is adopted not only in commuter cars of JR and private railways and publicly operated transportation services, but is also widely used in express trains and Shinkansen bullet trains, whose seats are required to provide a higher degree of comfort.

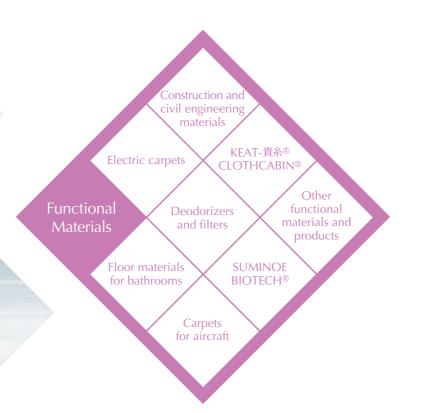
East Japan Railway Company E235 series

# Seat cushion materials 36%



West Japan Railway Company Series 323 Osaka Loop Line Seat coverings and SUMICUBE®





## **Functional Materials** In Pursuit of Endless Business Possibilities

Transcending the boundaries of our traditional business segments, such as interior fittings and automotive textiles and traffic facilities, we have embarked on business targeting other fields and industries. Suminoe Textile has offered products that incorporate the unique technologies we have accumulated, such as TRIPLE FRESH® deodorizing filters and olefin bathroom flooring. In addition, the Company offers new value in the field of functional materials (SUMINOE BIOTECH®) based on biotechnology, in keeping with the theme of KKR+A, or Kenko (Health), Kankyo (Environment), Recycle and Amenity.

### Introduction of products



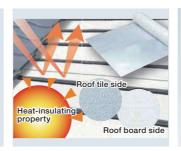
Electric carpet The main unit is produced by Suzhou Suminoe Textiles Co., Ltd. and Suminoe Textile Vietnam Co., Ltd.



Floor material for bathrooms We have developed bath flooring made of eco-friendly olefin materials



The Tispa® Series, "Real Odor Deodorization without Disguising with a Scent" A series of stationary deodorizers for home use, making use of a deodorant filter.



Roofing materials

Our roofing sheets are breathable, heat-insulating, and highly energy-saving. These sheets are used as a waterproof material for the roofs of ordinary houses.



KEAT-貴糸®

Special polyester varns for drawing and makeup brushes and fudepen (calligraphy pens)



Carpets for aircraft Suminoe Textile has supplied carpets for aircraft to major Japanese airlines, and has maintained the top share of the domestic marke





\* CLOTHCABIN is a registered trademark of TEIJIN FRONTIER CO., LTD.

SUMINOE BIOTECH® Functional materials based on biotechnology, and foods, processed foods, cosmetics, etc. making effective use of these materials.



## Our Originality

Our unique deodorizing technology TRIPLE FRESH

### Expanding technological applications into other fields in pursuit of further possibilities

Our unique deodorizing technology, originally developed for our interior products, is proactively applied to other fields. This technology is now incorporated not only into deodorizing filters used in air purifiers and other household appliances, but also in other different fields, such as clothing, shoes, medicine and nursing care. We are also exploring possibilities for our deodorizing technology, by encouraging its use in materials other than textiles, such as resin films





Kakidanomi, a persimmon polyphe supplement that we have jointly developed with Kindai University.





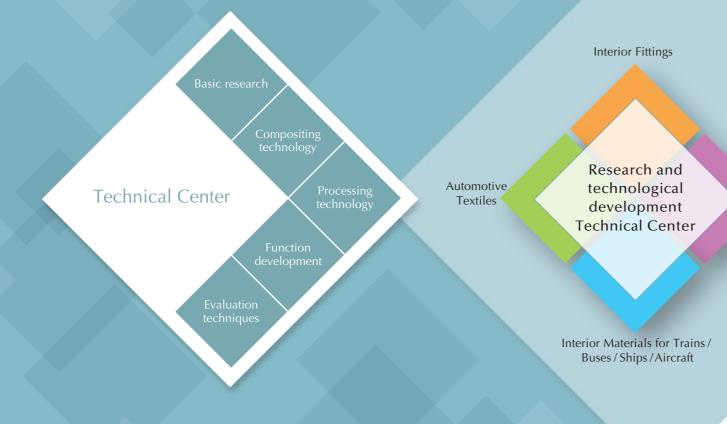
 Suzhou Suminoe Textiles Co., Ltd. 2 Suminoe Textile Vietnam Co., Ltd.



### Research and technological development

# A Place where Innovations are Born

relevant departments, focusing on the two mainstay technologies unique to us, i.e., textile-related functional



### Deodorizing technology

### TRIPLE FRESH® playing an active role in various fields

In 1998, Suminoe Textile developed TRIPLE FRESH® deodorant treatment technology, which can absorb and decompose formaldehyde - one of the culprits behind sick house syndrome. Ahead of the times, TRIPLE FRESH® has been evolving into a deodorizing technology that meets the needs of various fields, finding wide applications not only in carpets, curtains and wallpaper, but also in automotive textiles, seat coverings for railway trains, and deodorizing filters. Currently, with enhanced effectiveness in deodorizing fecal and body odors, this technology is applied to medical and nursing-care products. We also own plenty of high-level analytical and evaluation equipment and facilities related to deodorization.

Functional

Materials

As a project subsidized by NEDO, we developed fiber/ textile-shaped photovoltaic cells through industry-academia collaboration. They are expected to be in high demand as autonomous power sources for wearable devices and indoor condition measurement sensors. In addition, we are aiming to commercialize them as sensor fabrics, together with water wetting detection fabrics and fabric electrodes, in the fields of nursing care and monitoring, and of health management during exercise.

### Olefin material compounding and molding technologies

### Shaping high-function olefin materials into various forms

Olefin materials emit less smoke and toxic gases at the time of combustion, and are therefore friendly to both people and the environment. Capitalizing on its unique nanocomposite technology, the Company has developed highly functional products using olefin materials. Currently, our olefin materials are adopted in sign/warning films to be applied on the floors of buses and train cars, core materials for train doors, and Hokkarari Floor for TOTO's bathroom units.

### Topic



## "Quintech<sup>®</sup>" developed as a new function

QUINTEC





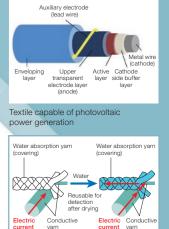
Deodorant wallpaper (Interior Fittings)



Deodorizer for home use (Functional Materia

### Smart textile

### Entering the field of sensor fabrics using photovoltaic fibers and water wetting detection fabrics



Basic principles of water wetting



Floor material for bathrooms



OH Film (Interior M

### Archive

### Suminoe Textile has contributed to society as an interior manufacturer, in response to major trends of the times.

Suminoe Textile was founded in 1883, when our founder opened a factory in Sumiyoshi Village of Osaka Prefecture (now Sumiyoshi Ward of Osaka City). Our Company succeeded in manufacturing a carpet in 1890, and then hand-woven moquette as a seat covering for railway cars in 1896; both of these products were the first of their kind in Japan. As a pioneering manufacturer in the Japanese interiors industry, we have greatly contributed to the modernization of lifestyles as well as the development of interior furnishings for automobiles and railway trains. We hereby present a brief history of Suminoe Textile, which has courageously taken on various challenges as a trailblazer in the industry for more than 135 years since its founding, while overcoming many difficulties.



Founder Denshichi Murata

### Meiji Period 1883~ Contribution to Japan's modernization

In the Meiji Era (1868–1912), Western culture was introduced to Japan in the context of civilization and enlightenment. The forerunner to our Company delivered its interior materials to the Imperial Diet Building (now the Diet Building) and other leading Western-style buildings in Japan, as well as to trains for railways, which were developed in line with the national policy. In so doing, we contributed to Japan's modernization.

### Imperial Diet Building

In 1891, we supplied the carpets for the Imperial Diet Building on the occasion of its opening. For the present-day Diet Building, we continue to supply the "red carpet" and seat coverings used in the chambers of both the House of Councillors and the House of Representatives



Imperial Diet Building (courtesy of the National Diet Library)



#### Trams

Trams, which began to run in Kyoto in 1895, became widely introduced in various parts of Japan as a means of transportation for the general public. Our Company designed seat coverings featuring city emblems for a number of these tram systems. Later it became a popular trend to incorporate city emblems in seat cover designs for city trams nationwide.



Osaka City tram running on the Naniwa-bashi Bridge (courtesy of the National Diet Library)

### **Construction of Sumiyoshi Factory**



In 1903, the Sumiyoshi Factory was built, which functioned as the main factory of Suminoe Textile for many years.

### Taisho Period 1912~

#### Establishment of Suminoe Textile Joint-Stock Company

Carpets supplied to the

erings in 1899

nperial Diet Building o

the occasion of its opening

**Japan National Railways** 

In 1896, we succeeded in producing hand-woven moquette as a seat covering for the first time in Japan. This domestic moquette was adopted by Japan National Railways for its sea

Seat coverings adopted by

Japan National Railways at that time

Suminoe Textile Joint-Stock Company was established in 1913, marking the first step in the 100-year history of Sumino Textile as a corporate body



Carpet in the first class . cabin of an Osaka Shosen Kaisha ship



underwent extensive (courtesv of the National the Imperial Theatre Diet Library)

In the Taisho Era (1912–1926), Suminoe Textile supplied carpets for the first class cabins of liners operated by Osaka Shosen Kaisha (now Mitsui O.S.K. Lines, Ltd.). In the Showa Era (1926-1989), our Company's products were adopted by many of Japan's renowned w





Carpet for the captain's cabin in the Battleshin

### Showa Period 1926~ Contribution to the popularization of interior fabrics

During the periods of Japan's postwar recovery and rapid economic growth, Suminoe Textile pushed forward with the industrialization of the manufacture of carpets, an expensive product at that time, in order to promote their widespread use in ordinary households. In addition, our Company delivered automotive textiles to Japanese automobile manufacturers in response to the rapid rise of motorization, thereby contributing to the popularization of interior fabrics.

#### Automotive industry

In 1931, Suminoe Textile supplied carpets and seat covering materials to automobiles assembled and manufactured in Japan for Ford Motor Company and General Motors. The Company delivered seat coverings to Toyota Motor Co., Ltd. (now Toyota Motor Corporation) in 1958. Since then, our products have been adopted by various Japanese automobile manufacturers one after anothe





Seat covering for General Motors Japan

Seat covering for Toyopet Crown

Tafton

#### Ise Shrine Shikinen Sengu ceremony



hall) is held. Ever since the 59th ceremony

held in 1953, Suminoe Textile has supplied textiles to be used at this grand religious

(divine clothing, decoration of the main hall, etc.)

festival for sacred apparel and treasures

the Sumiyoshi Factory

Imperial visit to

Sample boo

During the period of high economic growth, our Company released a new carpet called "Tafton." This product served as a catalyst that turned carpets, which had been high-end products until then, into life necessities

#### The Shinkansen bullet train

In 1964, when the Tokaido Shinkansen went into operation, our Company supplied seat coverings for the 0 series trains, which were then promoted as "the Dream Superexpress



n 1956, Their Imperial Majesties the Emperor and Empress Showa visited our Sumiyoshi Factory.

### Heisei Period 1989~ Initiative to realize a recycling-oriented society

Under our fundamental environmental philosophy, "KKR + A," or Kenko (Health), Kankyo (Environment), Recycle and Amenity, we are proactively developing environmentally friendly products, including ECOS® recycled carpet tiles produced under the "closed-loop recycling" system, in anticipation of a recycling-oriented society.

**TRIPLE FRESH®** 

class (Green) cars

### **Overseas expansion**

We established a subsidiary that produces automotive textiles in Thailand in 1994. Since then, Suminoe Textile has expanded its global business operations by setting up manufacturing and sales sites in seven countries, including the United States and China





Tispa® Air-cleaning wall-coverings®

Vessels

Imperial Theatre

In 1915, the Company

Imperial Theatre. Suminoe Textile's seat

coverings were also

adopted when the Imperial Theatre

renovation in 1966.

livered sea

coverings to the



#### Promotional photo used at that time

The Homeiden Imperial Palace building

newly constructed

The Homeiden Imperial Palace building is a banguet hall, the largest of all the Imperial Palace halls. In 1968, Suminoe Textile provided for this hall a hand-woven dantsu carpet of 836 m<sup>2</sup>, featuring a design based on a painting by Yasushi Sugivama, a distinguished

in the Showa Era

Japanese-style painter

Hand-woven carp

### Japan's first carpet tiles

In 1980, the Nara Factory (now Suminoe Techno Co., Ltd.), began the production of Japan's first carpet tile



In 1998, Suminoe Textile developed TRIPLE FRESH® treatment technology, which can chemically and physically absorb and decompose formaldehyde, cigarette odor, garbage odors, the smell of sweat, and other malodorous substances that are generated daily in our environment, on a 24-hour basis.

#### **ECOS**® **Recycled carpet tiles** produced under the "closed-loop recycling" system

ECOS®, released in 2011, is one of the world's top-level environmental products. This product uses recycled materials made from used carpet tiles for its backing material, and recycled fiber for pile yarns.

130th anniversary of founding and 100th anniversary of incorporation

In 2013 Suminoe Textile celebrated the 130th anniversary of its founding and the 100th anniversary of its incorporation as a company.





H

### **Flying Feather**

In 1955, a two-seater convertible, called the "Flying Feather," was manufactured by Suminoe Manufacturing Co., Ltd., a Suminoe Textile subsidiary, which was engaged in producing car bodies at that time