

Sustainability
is closer than
you think





VISION

| Art

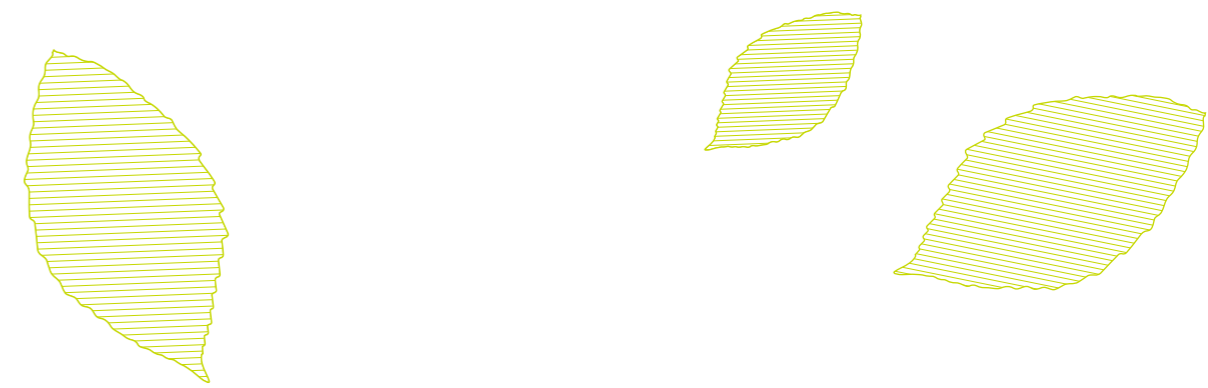
From the home to the public space, Novalis Innovative Flooring impresses everyone with its rich, authentic reproductions of wood and stone presented in striking, eye-catching patterns. Luxury Vinyl Tile (LVT) by Novalis offers modular design flexibility, so you can imagine and create virtually any space. Different style collections can also provide opportunities for mix-and-match, allowing free reign to the designer's imagination and creativity.

| Quality

Novalis has always placed its most important priority on product quality and in meeting different quality needs around the world. By increasing its investment in research and development, Novalis has brought the latest in LVT product performance to the flooring market and has enabled Novalis to offer among the best product guarantees in the industry.

| Nature

Through its green design strategy, Novalis manufacturing conserves energy and resources, while reducing its carbon footprint. In this and other ways, Novalis recognizes the very important responsibility to be environmentally responsible in the design and production of all its flooring products.

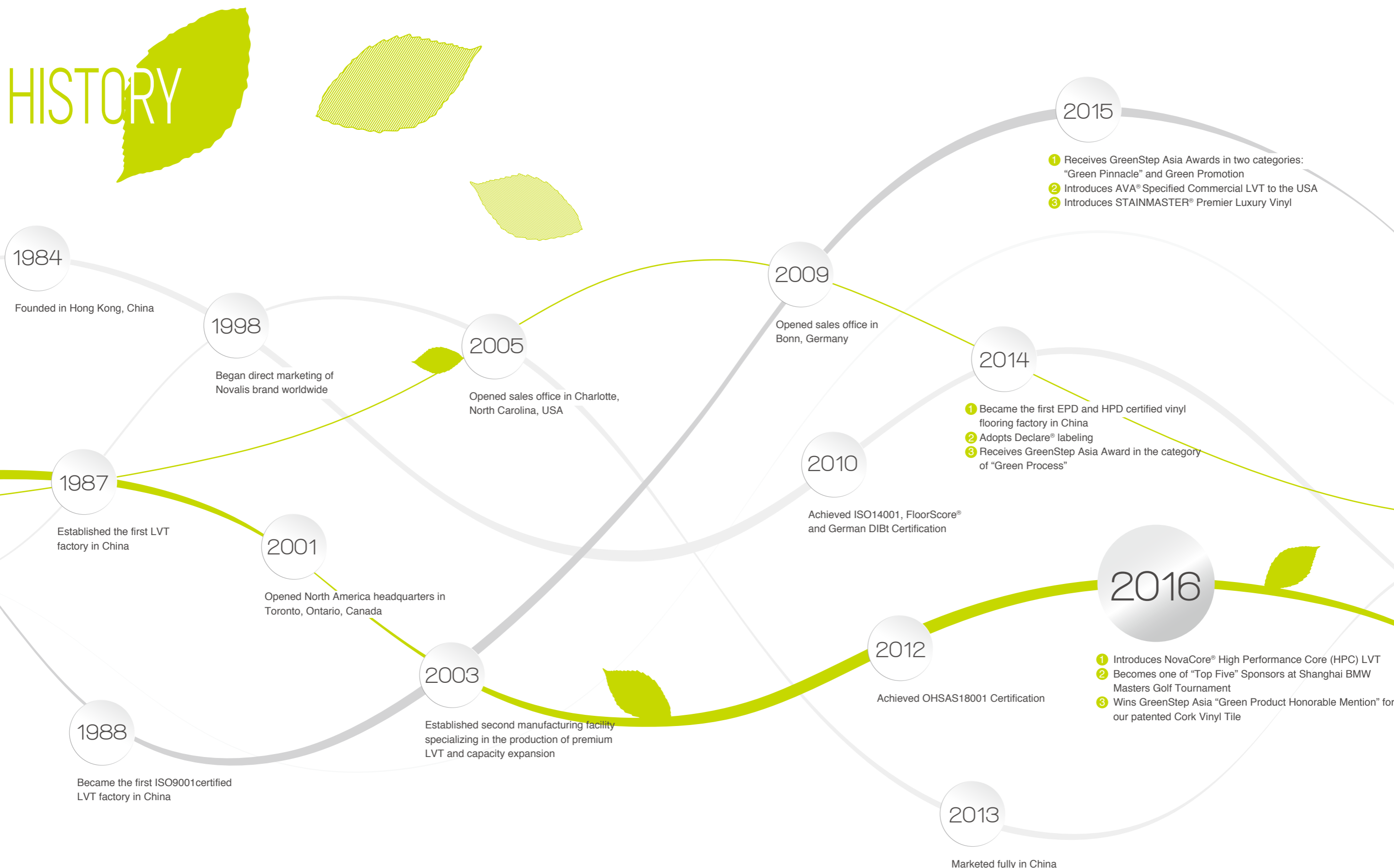


ABOUT US

Novalis Innovative Flooring is an industry leader in the design and manufacturing of sustainable and innovative Luxury Vinyl Tile (LVT). With over 30 years of experience, we have developed a variety of designs and products that have won numerous awards and have set the global benchmark in LVT quality and performance. Established in 1984, Novalis has grown worldwide with sales offices and distribution partners in North America, Europe, Asia Pacific, and Africa.

Novalis operates under the core values of quality and integrity; fostering long-term relationships with our business partners. Our success can be attributed to focusing on customer satisfaction and committing to the production of only the highest quality flooring products. We work closely with flooring distributors, contractors, retailers, project managers, architects, designers, and end users to provide innovative flooring solutions for all their residential and commercial needs. Innovation is what drives us.

HISTORY



1984
Founded in Hong Kong, China

1998
Began direct marketing of Novalis brand worldwide

1987
Established the first LVT factory in China

2001
Opened North America headquarters in Toronto, Ontario, Canada

1988
Became the first ISO9001 certified LVT factory in China

2005
Opened sales office in Charlotte, North Carolina, USA

2003
Established second manufacturing facility specializing in the production of premium LVT and capacity expansion

2009
Opened sales office in Bonn, Germany

2010
Achieved ISO14001, FloorScore® and German DIBt Certification

2012
Achieved OHSAS18001 Certification

2013
Marketed fully in China

2014

- 1 Became the first EPD and HPD certified vinyl flooring factory in China
- 2 Adopts Declare® labeling
- 3 Receives GreenStep Asia Award in the category of "Green Process"

2015

- 1 Receives GreenStep Asia Awards in two categories: "Green Pinnacle" and Green Promotion
- 2 Introduces AVA® Specified Commercial LVT to the USA
- 3 Introduces STAINMASTER® Premier Luxury Vinyl

2016

- 1 Introduces NovaCore® High Performance Core (HPC) LVT
- 2 Becomes one of "Top Five" Sponsors at Shanghai BMW Masters Golf Tournament
- 3 Wins GreenStep Asia "Green Product Honorable Mention" for our patented Cork Vinyl Tile

SUSTAINABILITY



We Started with Care for the Environment

Dr. Z.L. Wu, the founder of Novalis Innovative Flooring, saw an alternative to the consumption of natural raw materials in the production of flooring. He recognized that the time was right for Luxury Vinyl Tile – a versatile alternative flooring that could be manufactured cost-efficiently in China. Shortly after doing his own research and development, Dr. Wu established the first LVT factory in China in 1987. A new chapter in Chinese manufacturing was born.

Our Commitment to Nature

At Novalis, we follow environmentally responsible manufacturing practices every day. For example:

- Novalis produces healthy and environmentally responsible flooring with its zero-waste-to-landfill production facility.
- During the Novalis manufacturing process, 100% of production water is recycled, and 100% of production waste is granulated to become part of new flooring in a closed-loop recycling process.
- With the implementation of an improved low-carbon press process, Novalis manufacturing reduced 78% of its steam consumption.
- Novalis uses 100% natural gas for its manufacturing – the cleanest fossil fuel energy available in the world today.
- Over 85% of Novalis raw materials are sourced within 800 km of our factory, with the goal of 100%.
- Novalis luxury vinyl flooring is 100% recyclable. After the product life span, it can be recycled to make new flooring, without pollution or waste production.

A Record of Accomplishment

We believe it's not enough to just talk about being environmentally friendly. At Novalis, we do something about it. We demonstrate our commitment through our certifications, memberships, compliances, transparency and recognition from around the world.

SOCIAL RESPONSIBILITY



Rotary International Leadership

Novalis COO, C.C. Wu, has been a member of Rotary International for many years and was elected as the first female president in the association in 2008. Rotary International is a service organization for the purpose of bringing together business and professional leaders to provide humanitarian services and to help build goodwill and peace in the world.



Habitat for Humanity Support

Habitat for Humanity is a non-profit housing organization, founded in 1976 by Fuller Millard to build "simple, decent and affordable housing" and has addressed the issues of housing for the poor and homeless all over the world. As one of the main sponsors for Habitat for Humanity, Novalis not only donates its LVT flooring, but also appoints its own staff and organizes volunteers to help the poor to renovate their homes.

Natural Conservation

Novalis Innovative Flooring has participated in Sichuan Baishuihe Nature Education Center and in Shanghai, Nanhui Dongtan workstation area. Projects were designed by an associate professor at the Chinese University of Hong Kong, Zhu JingXiang. Novalis Innovative Flooring provided its NovaClic® flooring, the perfect installation solution for these areas.

Recycling Program

Novalis CEO and President, John Wu said: "The Novalis recycling program is divided into two parts. First of all, we recycle all production scrap to make new products with zero waste-to-landfill production. Secondly, we offer collection of used floating Novalis LVT from our customers; sort out and donate the still usable products to poorer families, and then recycle the rest to reproduce new LVT."

We achieved OHSAS 18001 as a modern manufacturing plant. OHSAS 18001 is an international occupational health and safety management system specification and was created through the work of the world's leading national standards and certifications bodies and consultancies. At Novalis Innovative Flooring, the health and well-being of our employees is very important to us.



▲ Rotary International Leadership caring for children with heart disease



▼ Nature's Reserve Education Centre in Baishuihe Sichuan

▲ Novalis team and volunteers completed the flooring renovation at a kindergarten

▼ Novalis furnished flooring for people in poverty with Habitat for Humanity





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EVENTS

DOMOTEX
asia CHINA FLOOR

1 DOMOTEX Asia / CHINAFLOOR

DOMOTEX Asia / CHINAFLOOR is the leading flooring trade exhibition in the Asian-Pacific region and the second largest flooring trade exhibition in the world. As part of the DOMOTEX shows group, DOMOTEX Asia / CHINAFLOOR targets the 'hot' Asian markets. This exhibition facilitates communication within the industry by presenting the developments of the floor covering industry in Asia and beyond. It also brings numerous business opportunities from which domestic and overseas exhibitors gain maximum exposure for both their brands and products.

Novalis has been a major exhibitor at Domotex Asia / CHINAFLOOR for three consecutive years since 2014. In partnership with Domotex Asia / ChinaFloor, *Floor Covering Weekly* held its inaugural GreenStep Asia Awards ceremony at Shanghai New International Expo Center during 2014 Domotex Asia / CHINAFLOOR. It has become one of the most influential green awards in the world and has become highly recommended in the global flooring industry. Environmental experts and media from Asia and abroad awarded Novalis winner of Sustainable Manufacturing Practice / Process 2014; Green Pinnacle and Green Promotion 2015; and Green Product Honorable Mention 2016. Moreover, Novalis won the award of 10 most popular new products at Domotex Asia / CHINAFLOOR 2015, organized by InnovAction. This is a major sponsor of Domotex Asia / CHINAFLOOR, and shows the most cutting-edge, environmentally friendly technology with the most innovative design.

ARCHITECT
@WORK
CHINA
SHANGHAI - BEIJING

2 Architect@Work

The first edition of A@W took place in 2003 in Belgium. Thanks to the success of this unique concept, the event was expanded to France, Germany and Netherlands. In 2012, the first Asian edition of A@W took place in Shanghai, and Novalis was proud to be one of the exhibitors. A@W brings together some of the world's best architects and designers with highly innovative, state-of-the-art industry exhibitors.

EVENTS

GUANGZHOU DESIGN WEEK

3 Guangzhou Design Week

For 9 years, Guangzhou Design Week has been the annual B2B Expo influencing over one million building professionals across China and is known every year as the “largest annual commercial activity in the Chinese design industry.” Novalis Innovative Flooring was honored at Guangzhou Design Week in Guangzhou, a Chinese city of almost 12 million people. Novalis received the Kapok Award for its AVA® Commercial LVT. Over 1,000 products competed for the award during the Dec. 3-5 event. The attention-getting display for Novalis new AVA® product with a skateboard course right in the booth attracted hundreds of visitors to watch athletes showcase the beauty and demonstrate the durability of AVA®. Both AVA SNSE®, a bold color tile line aimed at the education and healthcare markets and AVA DSGN®, planks for the corporate, retail and hospitality sectors, were used to create the course.

GIGA

4 GIGA Material Challenge

GIGA, the first non-profit architects organization, promotes green building in China. GIGA Material Challenge@Expo Build China created a new forum of challenge and was well received by designers, architects and material manufacturers. “Material Challenge” was a chance for the designers and architects to interact with various high-end building materials so that they could have a better understanding about each material. Each challenge was designed and customized in order to demonstrate the operational characteristics and environmental features of the material.





Shanghai Rolex Tennis Masters

Since 2010, Novalis has been a proud sponsor for the Shanghai Rolex Tennis Masters, a Masters ATP 1000 event, at Shanghai Qi Zhong Tennis Center. We provided 4,620m² of VIP Hospitality and Retail area with our LVT that are mix-and-match stones and wood decorative patterns, highlighting the color and dynamics of this sporting event.

Formula 1 World Championship in CHINA

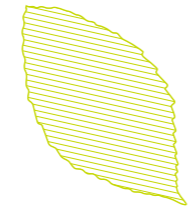
The Novalis professional planning and design team creatively installed 6,000 m² of our Impression Series LVT in the VIP corridor with red, black and white colors that symbolize Formula 1 racing. This new resilient LVT is durable and easy to maintain. With the correct adhesive, it can endure the semi-outdoor environment, and perfectly matches our company's commitment to sustainability.



SPORTS SPONSORSHIP



CERTIFICATIONS



ISO Certifications

With a first-class production facility and the strictest quality controls, Novalis Innovative Flooring represents quality and trust with its products internationally.



ISO9001 Quality Management System Certification

Novalis Innovative Flooring has an integrated Quality Management System achieving international standards encompassing facilities, people, training, services and equipment. Novalis was the first LVT manufacturer certified with ISO 9001 in China.



ISO14001 Environmental Management Systems

In 2010, Novalis achieved ISO 14001 certification, reaching international environmental management levels and ensuring the application of all green business requirements during the production process. Compliance means our operations and processes have a minimum environmental impact.



OHSAS18001 Occupational Health and Safety Management System

Novalis complies with this worldwide comprehensive program for managing occupational health and safety issues. OHSAS 18001 focuses on minimizing risks and preventing accidents during manufacturing while effectively lowering insurance premiums, reducing costs and increasing productivity.

Low VOC Certifications

Novalis products have achieved the world's most stringent indoor air quality standards. All floors have been tested strictly for E0-E1 grade of formaldehyde and low VOC.



FloorScore® (USA)

FloorScore tests and certifies all hard surface flooring and flooring adhesive products, ensuring they meet stringent indoor air quality emissions requirements. The program was developed by the Resilient Floor Covering Institute (RFCI) in conjunction with Scientific Certification Systems (SCS) and has certified products since 2005. Because most people spend as much as 90% of their time indoors (at home, work or school), indoor air quality is an important issue for architects, designers and purchasers of interior building products and materials. All Novalis floors are FloorScore certified for low VOC (Volatile Organic Compounds).



AgBB / DIBt (Germany)

Founded in 1997, the Committee for Health-related evaluation of Building Products (AgBB) developed an evaluation program for VOC emissions of building materials. This AgBB evaluation process is regularly reviewed and edited. In 2004, the German Institute for Structural Engineering (DIBt) took the AgBB process as the basis for developing the "approval principles for health evaluation of indoor building materials". The key task of DIBt is to grant technical approvals for building materials in order to guarantee that they are fit and safe for use.



Emissions in the air A+ (France)

Since 2012, building materials, decoration and furnishing products to be sold in France for the first time must be labeled with an emissions classification on the basis of VOC emissions tests. Novalis achieved the highest level in French certification of emissions in the air with A+.

Memberships

As a leader in the LVT industry, Novalis is an active participant in environmentally focused organizations. Through its participation and support, Novalis contributes to the progress of green technology, sustainable product development and environmental protection by manufacturing and design.



U.S. Green Building Council (USGBC)

The U.S. Green Building Council was founded in 1993. Its members are changing the way buildings and communities are designed, built and operated. USGBC believes in better buildings; places that complement our environment and enhance our communities. USGBC is best known for its development of Leadership in Energy and Environmental Design (LEED). Novalis has been a member of the U.S. Green Building Council since 2013.



Green Idea Green Action (GIGA)

Green Idea Green Action is an international organization assessing the health and performance of buildings, combining the development of building standards with cloud software to increase the accessibility of healthy buildings globally. GIGA's assessment infrastructure and metrics are used by hundreds of companies to track and communicate the health and performance of their properties. Novalis has been a GIGA manufacturing member since 2012.



Resilient Floor Covering Institute (RFCI)

The Resilient Floor Covering Institute is an industry trade association of leading resilient flooring manufacturers and suppliers of raw materials, additives and sundry flooring products for the North American market. RFCI promotes sustainability in the resilient flooring category through NSF/ANSI standards, FloorScore®, EPD and product transparency, while helping designers, architects, facilities managers, homeowners and others make wise flooring decisions through the use of resilient flooring. Novalis has been a member of RFCI since 2014.



World Floor Covering Association (WFCA)

The Wood Floor Covering Association is the floor covering industry's largest advocacy organization representing specialty floor covering retailers, cleaners, installers, manufacturers and distributors around the globe. Among its many green initiatives, the WFCA promotes education about environmentally friendly floors through partnership with The Learning Channel's Designing Spaces. Novalis is a proud member of the WFCA and supports its mission of "Reduce. Reuse. Recycle. Respect." in the floor covering industry.



North American Association of Floor Covering Distributors (NAFCD)

The North American Association of Floor Covering Distributors was created to foster trade and commerce for wholesale distributors or manufacturers of floor coverings and allied products. Novalis supports the work of the NAFCD, such as sharing important industry data among members about trends in sustainable flooring, as well as promoting education, research and training programs to help ensure the highest standards in the flooring industry.



American Society for Testing and Materials (ASTM)

The American Society for Testing and Materials is one of the oldest non-profit standard academics groups in the United States. ASTM is a globally recognized leader in the development and delivery of international voluntary consensus standards. Close to 12,000 ASTM standards are used around the world to improve product quality, enhance safety, facilitate market access and trade, and build consumer confidence. Novalis became a member of ASTM to promote the knowledge of standards in materials, in production and in services.

Recognition



GreenStep Asia Awards

GreenStep Asia Awards, a joint venture of Floor Covering Weekly and Domotex Asia, honors individuals and organizations working to advance sustainability in the floor covering industry through products and processes. Novalis Innovative Flooring has received four awards in the past three years: The 2014 Green Process Award; the 2015 Green Promotion Award and Green Pinnacle Award; and the 2016 Green Product Honorable Mention for its patented Cork Vinyl Tile.

Other Safety Standards

Novalis products meet European standards and requirements well recognized all around the world.



CE - Conformance Européenne

The CE mark is a mandatory conformity marking for certain products sold within the European Economic Area (EEA) since 1985. It provides a unified set of health and safety requirements for various products. The CE is also found on product sold outside the EEA that are manufactured in or designed to be sold in the EEA. Novalis products comply with the essential requirements of the relevant European health, safety and environmental protection legislation.



REACH

REACH is the regulation in the European Union on registration, evaluation, authorization and restriction of chemicals. REACH ensures a high level of protection of human health and the environment from the risks that can be posed by chemicals. They make the industry responsible for assessing and managing risks posed by chemicals and providing appropriate safety information to their users.

Environmental Compliance and Transparency

From the beginning, Novalis has made sustainability a priority. Novalis produces healthy and environmentally responsible flooring and maintains the highest standards represented by the following:



Environment Product Declaration (EPD®)

This is a comprehensive, internationally harmonized report that documents the ways in which a product, throughout its life cycle, affects the environment. The EPD was created in accordance with standards developed by the International Organization for Standardization (ISO) and is verified in accordance with ISO 14025. According to EPD, "Having an EPD for a product does not imply that the declared product is environmentally superior to alternatives – it is simply a transparent declaration of the life-cycle environmental impact." All Novalis products are third-party verified for EPD by UL Environment.



The Health Production Declaration (HPD®)

The Health Production Declaration is a report of the materials or ingredients content of a building product and the associated health effects. Through HPD, Novalis reports what makes up its products and any hazards of which consumers need to be made aware. The continuous improvement of the building industry's performance through transparency, openness and innovation in the product supply chain is the commitment of HPD and Novalis.

Declare®

Declare® Program

The International Living Future Institute created the Declare Program. Declare labeling is often compared to the nutritional labeling found on food packages; it focuses on specifics important to commercial specifiers, such as product ingredients, percentage of recyclable content, and possible potential hazards, to name a few. Declare labeling is strictly voluntary and underscores the Novalis commitment to producing the highest-quality and most ecologically trustworthy LVT. To receive a Declare label, Novalis submits its product content data to the Living Building Council for review and disclosure.



LEED

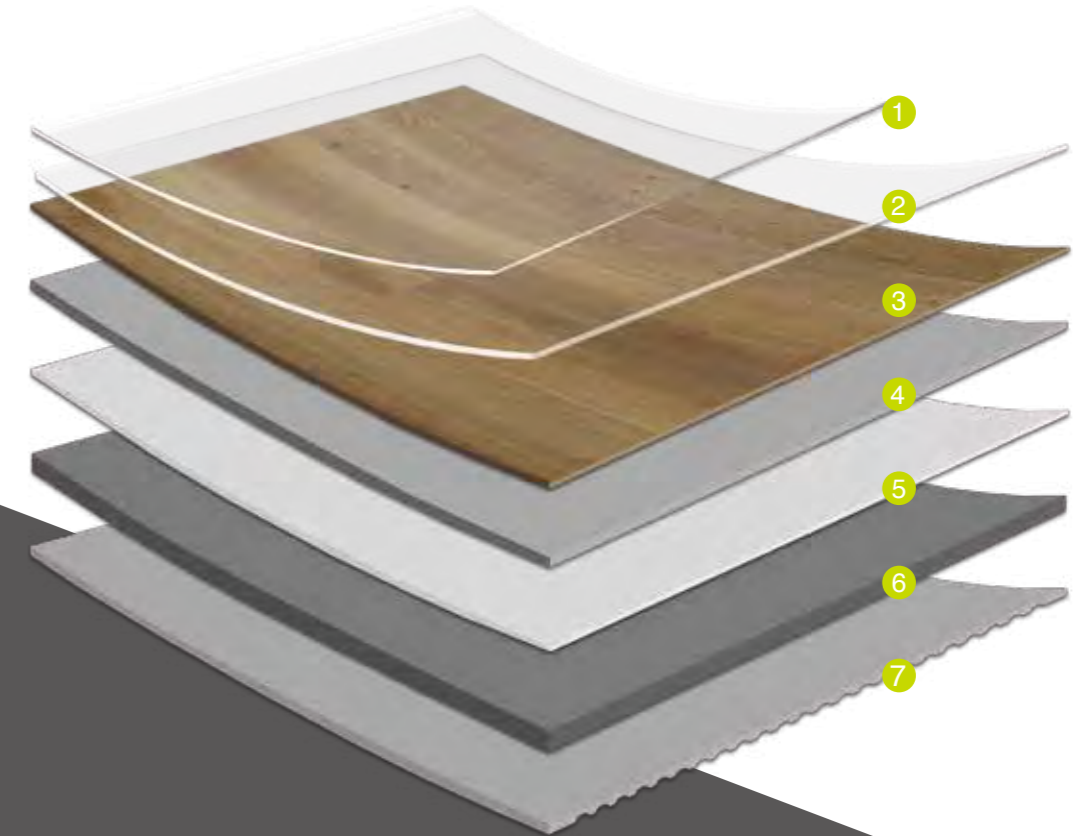
LEED (Leadership in Energy and Environmental Design) is a green building certification program that recognizes best-in-class building strategies and practices. To receive LEED certification, building projects must satisfy prerequisites and earn points to achieve different levels of certification. Prerequisites and credits differ for each rating system, and teams choose the best fit for their projects. Novalis is FloorScore®, EPD®, and HPD® certified, allowing the use of Novalis flooring in architectural and design projects eligible to earn LEED credits.



Eco+® Phthalate-Free Bio-Based Content

Phthalates (ortho-phthalates) are a family of chemical compounds primarily used to make PVC products, such as footwear, hoses, medical devices and vinyl flooring, flexible. But now phthalates are considered by many to be potentially hazardous from repeated exposure through contact. Novalis pioneered the development and use of a bio-based plasticizer derived from soya bean oil as a phthalate alternative in our LVT. Novalis ceased using phthalates July 11, 2014, and is Eco+ Phthalate-Free. All of its products are made with 100% virgin vinyl and are 100% phthalate-free.

PRODUCT STRUCTURE



- 1 PU Coating**
excellent stain, abrasion and fade resistance with anti-bacterial effect, easy to maintain and no need to wax
- 2 Transparent Wear Layer**
extremely durable with high vinyl wear layer
- 3 Printed Layer**
this design layer gives the floor its unique pattern and color
- 4 Middle Layer**
high performance vinyl layer that provides extra stability and durability to the product
- 5 Glass Fiber (for Clic and Loose Lay only)**
minimizes the expansion and contraction of the product under extreme temperature
- 6 Backing layer**
vinyl backing, high resistance to pressure and eco-friendly performance
- 7 Anti-slip Layer (for Loose Lay only)**
allows the product to be installed without the adhesive and to be easily removed and replaced

PERFORMANCE

| CHARACTERISTICS | TEST METHOD | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
|-------------------------|-----------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|--------------------------|
| Luxury Vinyl Tile | EN 649 | Heterogeneous PVC | Heterogeneous PVC | Heterogeneous PVC | Heterogeneous PVC | Heterogeneous PVC | Heterogeneous PVC | Heterogeneous PVC | Heterogeneous PVC | Heterogeneous PVC | Heterogeneous PVC | Heterogeneous PVC |
| Lacquering PU | | Particle PU Lacquer | Particle PU Lacquer | Particle PU Lacquer | Particle PU Lacquer | Particle PU Lacquer | Particle PU Lacquer | Semi-matte Particle Lacquer | Semi-matte Particle Lacquer | Semi-matte Particle Lacquer | Semi-matte Particle Lacquer | Particle PU Lacquer |
| Weight | EN 430 | ca.4315 g/m ² | ca.4315 g/m ² | ca.4315 g/m ² | ca.4315 g/m ² | ca.4315 g/m ² | ca.4315 g/m ² | ca.4315 g/m ² | ca.4315 g/m ² | ca.4315 g/m ² | ca.4315 g/m ² | ca.4315 g/m ² |
| Thickness | EN 428 | 2.5 mm | 2.5 mm | 2.0 mm | 3.2 mm | 2.0 mm | 2.0 mm | 2.5 mm | 2.5 mm | 2.5 mm | 2.5 mm | 2.5 mm |
| Wear layer | EN 429 | 0.55 mm | 0.55 mm | 0.30 mm | 0.55 mm | 0.30 mm | 0.20 mm | 0.30 mm | 0.30 mm | 0.30 mm | 0.55 mm | 0.55 mm |
| Classification | EN 685 | 23, 33, 42 | 23, 33, 42 | 23, 31 | 23, 33, 42 | 23, 31 | 22 | 23, 31 | 23, 31 | 23, 31 | 33, 42 | 33, 42 |
| Fire Classification | EN 13501 | Bfl-S1 | Bfl-S1 | Bfl-S1 | Bfl-S1 | Bfl-S1 | Bfl-S1 | Bfl-S1 | Bfl-S1 | Bfl-S1 | Bfl-S1 | Bfl-S1 |
| Slip Resistance | DIN 51130 EN 13893 | R9 DS | R9 DS | R9 DS | R11 DS | R9 DS | R9 DS | R9 DS | R9 DS | R9 DS | R9 DS | R9 DS |
| Weargroup | EN 649 | T | T | T | T | T | T | T | T | T | T | T |
| Residual Indentation | EN 433 | < 0.1 mm | < 0.1 mm | < 0.1 mm | < 0.1 mm | < 0.1 mm | < 0.1 mm | < 0.1 mm | < 0.1 mm | < 0.1 mm | < 0.1 mm | < 0.1 mm |
| Thermal Conductivity | DIN 52612 | 0.02 m ² /K/W | 0.02 m ² /K/W | 0.02 m ² /K/W | 0.02 m ² /K/W | 0.02 m ² /K/W | 0.02 m ² /K/W | 0.02 m ² /K/W | 0.02 m ² /K/W | 0.02 m ² /K/W | 0.02 m ² /K/W | 0.02 m ² /K/W |
| Electrical Conductivity | EN 1081 | app 10 ¹⁰ Ohm | app 10 ¹⁰ Ohm | app 10 ¹⁰ Ohm | app 10 ¹⁰ Ohm | app 10 ¹⁰ Ohm | app 10 ¹⁰ Ohm | app 10 ¹⁰ Ohm | app 10 ¹⁰ Ohm | app 10 ¹⁰ Ohm | app 10 ¹⁰ Ohm | app 10 ¹⁰ Ohm |
| Castor Chair | EN 425 | Yes, Type W | Yes, Type W | Yes, Type W | Yes, Type W | Yes, Type W | Yes, Type W | Yes, Type W | Yes, Type W | Yes, Type W | Yes, Type W | Yes, Type W |
| Floor Heating | | Yes, max.27° | Yes, max.27° | Yes, max.27° | Yes, max.27° | Yes, max.27° | Yes, max.27° | Yes, max.27° | Yes, max.27° | Yes, max.27° | Yes, max.27° | Yes, max.27° |
| Colourfastness | ISO 105-B02 | m > 6 Grade | m > 6 Grade | m > 6 Grade | m > 6 Grade | m > 6 Grade | m > 6 Grade | m > 6 Grade | m > 6 Grade | m > 6 Grade | m > 6 Grade | m > 6 Grade |

1 WOOD 2 STONE 3 LINEAR 4 LIGHTWOOD 5 IMPRESSION 6 RURAL 7 CASA 8 URBAN 9 FRESH 10 TREND 11 ARTISAN



Comparing LVT with other flooring

| | Luxury Vinyl Tile | Laminate Floor | Ceramic Floor Tile | Marble | Carpet |
|---------------------------|--|--------------------------------|--------------------------------------|--|---|
| Wear Resistance | Strong | Weak | Strong | Weak | Weak |
| | No dust particles after friction | No wear resistance | Not easy to wear | Easy to scratch | Easy to have lint after friction |
| Environmental Performance | Strong | Weak | Normal | Normal | Weak |
| | No hazardous substance | Contains formaldehyde | Natural material radiation pollution | Natural material radiation pollution | Impact in air contamination |
| Maintenance | Easy | Normal | Easy | Normal | Difficult |
| | Easy to maintain without particular care | Can't be repaired after damage | Easy to maintain | High maintenance cost easy to make scratches | Needs special clean products |
| Fire Classification | Strong | Strong | Strong | Very strong | Weak |
| | Fire resistance rating B1 In case of fire, good flame retardant | Strong | Poor thermal conductivity | Very strong | Nylon is not a flame retardant material in case of fire, nylon spreads toxins |
| Slip Resistance | Strong | Weak | Weak | Weak | Strong |
| | Anti-slip R9 that prevents people from slipping | Not good slip resistance | Easy to slide when the floor is wet | Easy to slide when the floor is wet | Difficult to slip because of its material |
| Comfort | Comfortable | Normal | Normal | Normal | Normal |
| | Can feel its elasticity | Hard | Hard | Hard | Comfortable |



CORPORATE

1 Easy-Home

Easy-Home is a leading service provider for interior design of high-end residential buildings. Mr. Dai Kun, the chief designer for Easy-Home, is one of the most well-known interior designers in China. He partnered with Novalis during the period of "Twelve Space-Design for People" and thought highly of Novalis quality and design. What attracted Mr. Kun even more was Novalis focus on sustainability for both material and manufacturing processes. He decided to replace the old flooring in his office and showroom with Novalis LVT and designed the floor himself. Without a doubt, the whole office looks fantastic with the new Novalis floor!





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CORPORATE

2 Dazzle China

The office is furnished and decorated with cool coloration. In order to match with the dominate tone, the Novalis team installed "Dawn" of "Wood" collection and "Blue" of "Stone" collection. Since Dazzle is a fashion chain, the installation completely harmonizes with its brand concept, individuality, boldness and innovation.



HEALTHCARE & EDUCATION

1 LaGrange College

Founded in 1831, LaGrange College is the oldest private college in Georgia with an enrollment of about 1000 students representing 19 states and 10 countries. The Novalis installations are in what was previously the Westside School building and now houses the LaGrange College School of Nursing and School of Music. The Novalis LVT is installed in about 90% of the School of Nursing and 50% of the School of Music. A significant portion of Novalis LVT is installed in corridors and public spaces.





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HOSPITALITY

1 Origin & Wattz

Origin & Wattz is a western-style store chain with a green and healthy philosophy. They have always pursued a natural, fresh and healthy concept—from the choice of every ingredient to the way the dishes are cooked in order to bring a completely new dining experience to its customers. Novalis dark-mottled antique flooring collections mixed with the blazing burnt-orange wall and the simple high stools brings visual enjoyment to their food loving customers.

2 Magnum

The Magnum Pleasure Store in Shanghai chose us for its annual pop-up, taking place at the Lafayette Arts Centre in Xintiandi. Over 400 sq. meters of Novalis Loose Lay LVT were used in the entrance, counter and lounge halls in different stone and wood patterns. The result is a soft and warm environment where you can try as many DIY ice creams as you could get your hands on! Sounds yummy to us!



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HOSPITALITY

3 Outback Steakhouse

Rather than demolishing old warehouses or buildings, designers are now reinventing new shops, restaurants, office or apartments. This has created a trend known as "industrial style." In this project, Outback Steakhouse designers emphasized an industrial style with unfinished walls, wood flooring and retro art decoration. For an industrial-type floor, designers chose Novalis "Wood" collection for the entire restaurant that creates an old, but warm aura. When they wanted to have a carpet effect with three-color mosaic in the center, designers selected Novalis "Linear" collection for their centerpiece. As in many other projects, LVT assures a quieter space and lower maintenance cost; two very important factors in heavy traffic public spaces.

4 Fitness Center

Indoor air quality is as important as outdoor air quality. A study in the journal Building and Environment found unacceptably high levels of carbon dioxide, formaldehyde and other VOCs in gyms. Novalis products have achieved the world's most stringent indoor air quality standards: All floors have been tested strictly for E0-E1 grade of formaldehyde and low VOC. Novalis is FloorScore® (USA), AgBB / DIBt (Germany), and A+(France) certified. And, all floors are slip resistant and are easy to maintain and clean.



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3

PUBLIC SPACE

1 Radical Challenge

Without being allowed to change the original site, the Novalis professional planning and design team provided a unique LVT that is in line with the international trend of environmental protection. We installed in the car racing "Parea" with Novalis abrasion resistant LVT planks. In the VIP rest area, we installed functional and visually enhanced Novalis LVT tiles.

2 Shanghai Rolex Tennis Masters

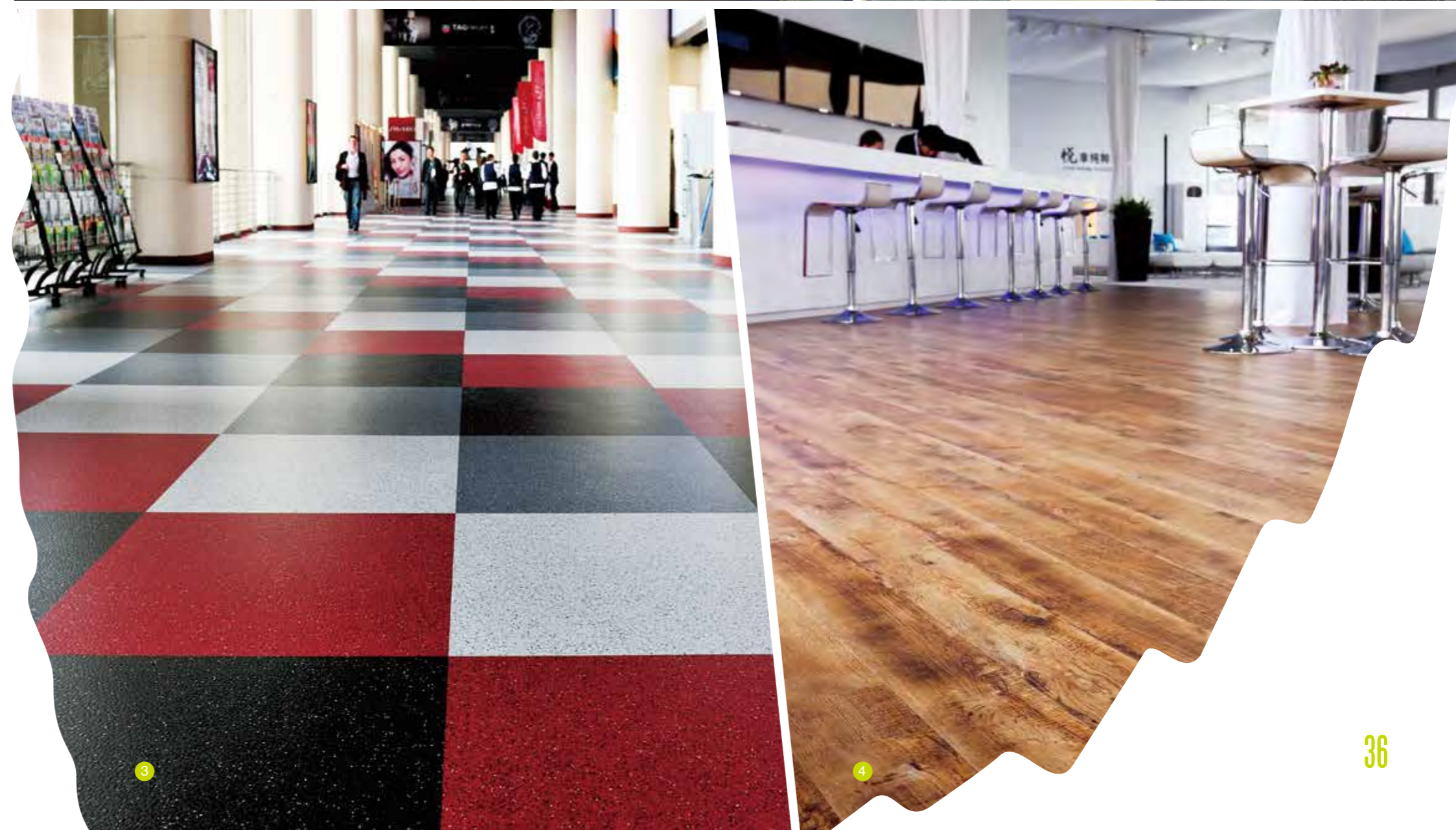
Novalis has been sponsoring Shanghai Rolex Tennis Masters since 2011. We provided 4,620m² of VIP area with our LVT that are mix-and-match stones and wood decorative patterns that highlight the color and dynamics of this sporting event. Under a tight timeline, it took the Novalis team just one month to get this project successfully completed.

3 Shanghai Grand Prix Formula

The Novalis professional planning and design team creatively installed 6,000m² of our "Impression" collection in the VIP corridor with red, black and white colors that symbolize Formula 1 racing. The newest resilient flooring is durable and easy to maintain and can endure the semi-outdoor environment, which perfectly matches our company's commitment to sustainability.

4 BMW Masters Golf Tournament

To show its enthusiasm and commitment the development of golf in China, Novalis collaborated with the host organization of 2014 BMW Masters and sponsored the event with its high-end LVT. Novalis installed our latest LVT in the areas of test-drive, the press room, the exhibition room, the restaurants of the VIP building, the BMW display stages, several kitchens, lounge areas and others. Thanks to LVT's flexible nature, Novalis and BMW's creative team made the BMW i8 display stage by seamlessly extending the luxury vinyl flooring with the wall-even along the vertical arch.





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LEED PROJECTS

1 ARUP SHANGHAI

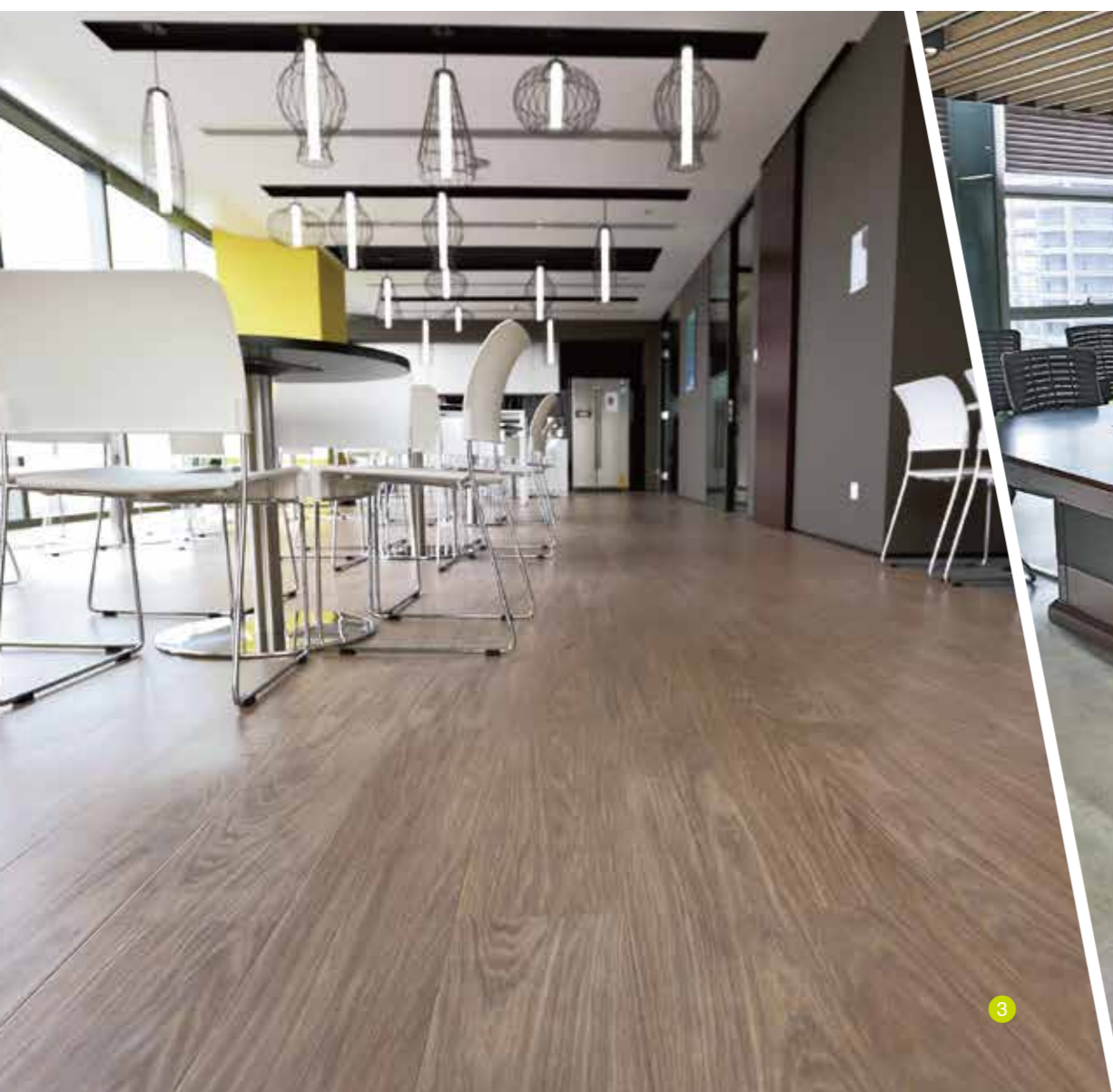
Arup Shanghai office has obtained LEED Platinum certification. By contrasting the solid - colored walls with contract office furniture, it makes an even more spacious office. Novalis chose "Stone" and "Wood" collections to separate working area from reception area that shows a natural transition. Arup Shanghai office not only strives to improve indoor air quality while reducing energy costs, but pursues better employee health as well.

2 CECEP CHENGDU CHINA

With Novalis' "Linear" collection, the simulated carpet pattern products, installed in CECEP Chengdu, the whole office looks nice and comfortable. When using LVT in public areas like corporate offices, the ability to reduce noise and the benefit of easy maintenance have become important considerations for architects and designers. Novalis is FloorScore®, EPD, and HPD certified, which allows CECEP-eligibility to get LEED Gold certification.

3 IHS SHANGHAI

IHS is a global information company that has over 5,500 employees in more than 30 countries and regions. It is one of the world's top information providers for the energy, defense, aerospace, construction and automotive industries. IHS Shanghai office is a LEED Gold certified commercial interior project. Novalis and FloorScore® Certified LVT were highly evaluated and acknowledged for this project. Two floating floor products in light brown wood planks were chosen by designers for the use in the 88 m² lounge and 100 m² printing area. With modern furniture and bright yellow walls, the light reflected from the windows makes a strong visual appeal.



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RETAIL

1 TINA GIA

Tina Gia is a fashion boutique that integrates design, production and sales into one. It brings the latest fashion trend to the consumer in an attractive and comfortable retail space. This new second-generation specialty design boutique embodies rich characteristics of elegance and modernism. With the warmth and simplicity of the wood style Novalis LVT, along with the soft lighting, the store is a comfortable shopping environment for women of all ages.

2 SHOPIN

Shopin is a top grade urban department store chain in China, best known for its specialization in discounted branded merchandise. The primary target market of Shopin consists mostly of fashion-conscious young adults that are keen on pursuing a quality life on a budget. Shopin features popular mainstream brands that are well received and have a long-established reputation. The excellent quality and the stunning pattern selections of Novalis LVT made itself the number one flooring supplier for Shopin. The Novalis team installed around 10,000m² flooring, including the central product display area, the circular corridors, and several retail shops such as Nike, Kappa, and Jack Wolfskin. The Novalis team was honored to serve and partner with the giant retail chain Shopin as it has marked a significant milestone in the domestic retail market segment for Novalis.





RESIDENTIAL

“TWELVE SPACE”-BEIJING INTERNATIONAL DESIGN WEEK

“TWELVE SPACE” show has been designed for the livelihood of people, and is considered to be one of the main activities at Beijing International Design Week. Altogether, 12 famous interior designers from across China designed the move-back properties for people who live in Dong Guan Tou Village of Feng Tai District in the form of “public-spirited” designs. The decoration standard was set at RMB 1,000m² with the kitchen and bathroom included, to demonstrate how one can achieve high quality with a low price tag. Novalis worked with 3 of the 12 designers, Mr. He Shan, Mr. Zhu Bing and Ms. Lai Ya Nan, on this project. Throughout the tentative urban village reform, the effort emphasized comfort as the main value. This represents a major step for Novalis by bringing its LVT into the home décor market of China.

