

**PVC FLOORING : ENGINEERED WITH
DESIGN + INNOVATION + TECHNOLOGY**



HEALTHCARE



EDUCATION



SPORTS



SAFETY & TRANSPORT



HOSPITALITY



RETAIL & COMMERCIAL



RESIDENTIAL



INDUSTRY

2018

RESPONSIVE

We listen. We're responsive.

Vinyl Flooring Product Range

**A SOLUTION
FOR EVERY
FLOORING NEED**



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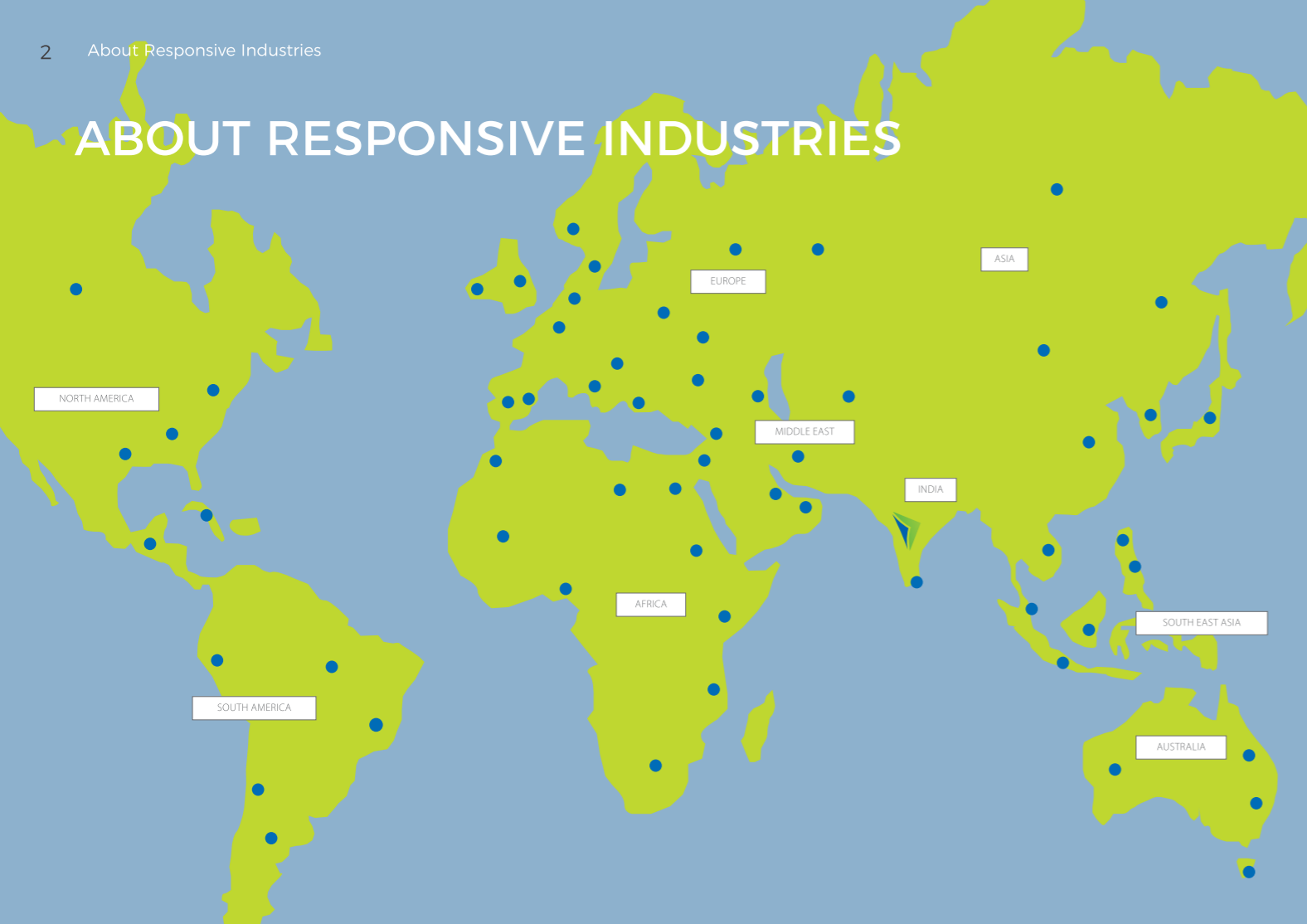
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ABOUT RESPONSIVE INDUSTRIES



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Sustainability: Five Point Program

01 pre-consumer recycling

Production waste is reused completely and recycled therefore negligible waste is deposited in the environment.

02 clean raw materials

All raw materials used are REACH compliant, non-toxic, non-carcinogenic, and environmentally friendly.

03 good indoor air-quality

All our products emit zero to very low VOC's as per the California Standards. To this end, our products have been tested and certified by SCS Global Services, and awarded with their Floor Score Certification.

04 energy efficient production

We use precious resources like water, oil, and electricity sparingly. Efficient production techniques, advanced machinery and high quality raw materials enable us to reduce our environmental footprint.

05 post-consumer recycling

At the end of their life cycle, all our flooring products can be recycled in our production facilities. Since the launch of this program, we have been increasing the volume of vinyl returned every year.

Our Ethos

We are sensitive to our customer's needs and stress on transparency, clarity and healthy communication. At responsive its not just about business, it is about the relationship because we listen, we're responsive.

Global Presence

70 Countries
300 Distributors

*REACH is the new European Regulation for Registration, Evaluation and Authorisation of Chemicals in the European Union

** VOC stands for Volatile Organic Compounds



We are Asia's biggest and foremost producer of Homogeneous, Heterogeneous and Safety Vinyl Flooring and PVC Leather Cloth

Elegant Design

We develop flooring solutions that go beyond elegant interior design. They are engineered to address performance needs of transport, health care, education, sports, residential and commercial markets.

World class Infrastructure

We have world-class infrastructure, innovative know-how and a growing nexus of talented people. Responsive has transformed the vinyl market in India and we are increasing our presence worldwide.

Growing Recognition

We have gained recognition for delivering solutions above and beyond expectations, a reputation we have worked hard to earn. We strive towards a consistent output of high standards that justifies our place in the international market.

International Certifications

Responsive has international quality assurance certificates from independent agencies. We have DMF registration under FDA guidelines, have ISO certification, adhere to tough ASTM and EN norms, are members of the US Green Building Council, have the requisite LEED accreditation and are approved by SCS Global Services with their Floor Score Certification.

ISO 9001 ISO 14001 ISO 18001





10 / 10 FEATURES & BENEFITS

01. Innovative.

Responsive is constantly pushing its boundaries and strives to better their products, services and ethos with new ideas.

02. Diverse.

Responsive floors offer over 500 designs in over 20 different product ranges.

03. Performance.

Our products are antislip, anti bacterial and anti fungal. We have Floor Score, Phthalate free, anti static and conductive floorings in our portfolio.

04. Quality.

Responsive is an ISO 9001, 14001 & 18001 certified company. We meet top international Performance Standards EN (European Norm) and ASTM (American Norm).

05. Durable.

With an average life span of 10 - 15 years, our floors are engineered for longevity, toughness and high performance.

06. Competitive.

Optimally priced, the value for money on our floors is hard to beat.

07. Infrastructure.

A 100 acre production facility with machinery, man power, technical know-how and financial resources.

08. Capacity.

A manufacturing capacity of 25 - 30 million square metres annually.

09. Delivery.

Situated close to Mumbai Port, we are able to ship worldwide with an average 2-3 week transit time.

10. Communication.

We listen. We're responsive. Our mantra is good, clear and transparent communication.

SPECIAL FLOORING ATTRIBUTES



Phthalate Free
Phthalates are compounds contained in the plasticizers used when making vinyl flooring. Our new phthalate free technology completely replaces the old plasticizer and contain zero phthalates. This improvement dramatically increases the health safety of indoor environments for all time.



No Wax No Polish For Life
Only soap and water cleaning is required throughout the product's lifetime. This regime reduces long-term recurring costs such as labour and cleaning materials. Also the sustainability of interior environments is increased by reducing pollutants discharged while waxing and polishing floors.



Floor Score
Our products meet the niggms testing requirement of SCS Global Services and have been awarded with Floor Score Certification. They are compliant with requisite norms for human health.



Low Cost Easy Maintenance
Only regular soap and water cleaning is required to maintain our floor. Completely removes the need for sealing or stripping operations. Refurbishment is required only after 7-10 years of heavy use. Our maintenance regime dramatically reduces overall life cycle costs.



VOC Complaint
VOC stands for Volatile Organic Compounds, an important aspect of indoor air quality. Our products are compliant with requisite environmental norms for human health. In addition to negligible VOC emissions, our flooring is also free from formaldehyde, aldehyde, ammonia and odor emissions.



Sure Clean
Sure Clean technology is a proprietary surface treatment, which reduces the amount of dirt that gets trapped on the surface of the flooring. This technology ensures cost-reduction in terms of labour, time, and expensive cleaning supplies. It enhances sustainability as it reduces the number of times the floor needs to be cleaned.



RQ Protect
RQ Protect is a proprietary technology that offers the highest available level of protection for vinyl floors. There will never be a need to strip, seal, polish, wax or buff the floor. After many years of wear and tear, the product can be regenerated to its original aesthetic only by dry buffing. The flooring also becomes completely resistant to scratches and stains.



Heavy Duty Endurance
Under normal wear and tear conditions, heavy-duty endurance is a seal that guarantees the flooring will last over 10 years. Responsive flooring remains aesthetically pleasing throughout its lifetime with tough resistance to scratches, stains and other visible marks.



PUR Complete
PUR Complete is a Polyurethane treatment present throughout the entire thickness of the product. This feature enhances the flooring's abrasion, scratching, staining, and durability ratings. PUR Complete means that the floor can be put into use immediately after installation.



Low Smoke Density
Smoke density can be fatal when there are fires in public buildings. Responsive floors have low smoke density [ASTM E 662-05: < 450] and will make it easier to access trapped victims and rescue them from danger.



PU Treatment
The PU surface treatment is applied to the products during the manufacturing process and protects the flooring during the installation operations. Further maintenance can be applied depending on the usage of the product.



Silicone Carbide Particles
Added / Infused into the safety flooring is Silicon Carbide a glass hard material that increases the surface friction of the floor. Silicon Carbide directly increases one's grip, even in wet areas. In combination with our Sure Clean technology, our safety floors are one of the best in the market.



High Anti-Slip
High Anti-Slip identifies vinyl flooring that is equal to or greater than R10 as per DIN 51130. High anti-slip is important for use in heavy traffic areas where a firm footing is required. Both, sports surfaces with quick turns and jumps and commercial surfaces such as hospitals require High Anti-Slip.



Super Anti-Slip
Super Anti-Slip identifies vinyl flooring that is equal to or greater than R11 as per DIN 51130. This rating measures the propensity for slip in both wet and dry conditions. A strong slip rating certifies the use of a particular flooring in wet areas or heavy foot traffic commercial areas where anti-slip properties are important.



Carbon Flakes Included
Carbon Flakes is an important inclusion for Static Control products since it directly impacts the flooring's electrical resistance properties. These flakes are an integral part of the electric circuit, which permit static build-up in rooms to be discharged through the installed copper grid system.



Sound Insulation Super
This property significantly reduces the walking resonance emitted from flooring by absorbing sound energy. It greatly enhances client experience in interior spaces where peace and quiet is of the utmost importance.

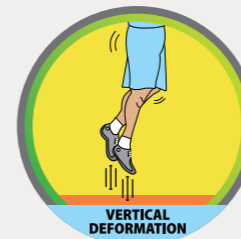


Recyclable
Responsive floors are designed to be recycled after use. Even after a long lifetime of use, they can be broken down into reusable particles that are fed back into the production of vinyl floorings or other PVC materials.



Green Natural
Green Natural indicates that a component of the product is made with natural raw materials. This highlights our commitment to responsible and sustainable manufacturing with an aim to reducing pre and post consumer environmental waste.

SPORTS FLOORING



Vertical Indentation
Made with closed cell foam backing, to prevent permanent indentation. Despite heavy duty use, acoustic and sports flooring will not deform over its lifetime.



Underfoot Comfort
Underfoot Comfort measures the energy absorbed by the vinyl flooring with every step, walk or jump. These products significantly reduce impact, stress and prevent injuries, long-term aches and pains.



Sliding Coefficient
Superior grip for quick turns, bursts of speed and change in direction.



Ball Bounce Consistency
This provides an even reliable ball bounce with no degradation in performance over time.



Shock Absorption
Flooring with good shock absorption provides high comfort and safety for knees and joints for athletes.



Our products are treated with RQ Protect technology that enhances the abrasion, scratch, stain and chemical resistance of the material, thus ensuring a stronger and cleaner surface. These products are also phthalate free which ensures a clean environment for the doctors, healthcare workers and the patients.

Healthcare Product Ranges:

Pinnacle RQ® | Vega Super RQ® | Capilla®

No Wax, No Polish, For Life.

We are the foremost Asian producer of homogeneous vinyl flooring. With experience in over 70 countries, our flooring is a well-established preference for healthcare practitioners. We set the flooring benchmark for hygiene and performance standards in healthcare environments.



Aditya Birla Hospital, Pune India | Homogeneous Flooring



Safadarjang Hospital, New Delhi, India

References

Safdarjang Hospital
New Delhi

Product: Vega Plus®

Global Hospital
Chennai, India

Product: Spica RQ®

Aditya Birla Hospital
Pune

Product: Spica RQ®

Universal Hospital
Abu Dhabi

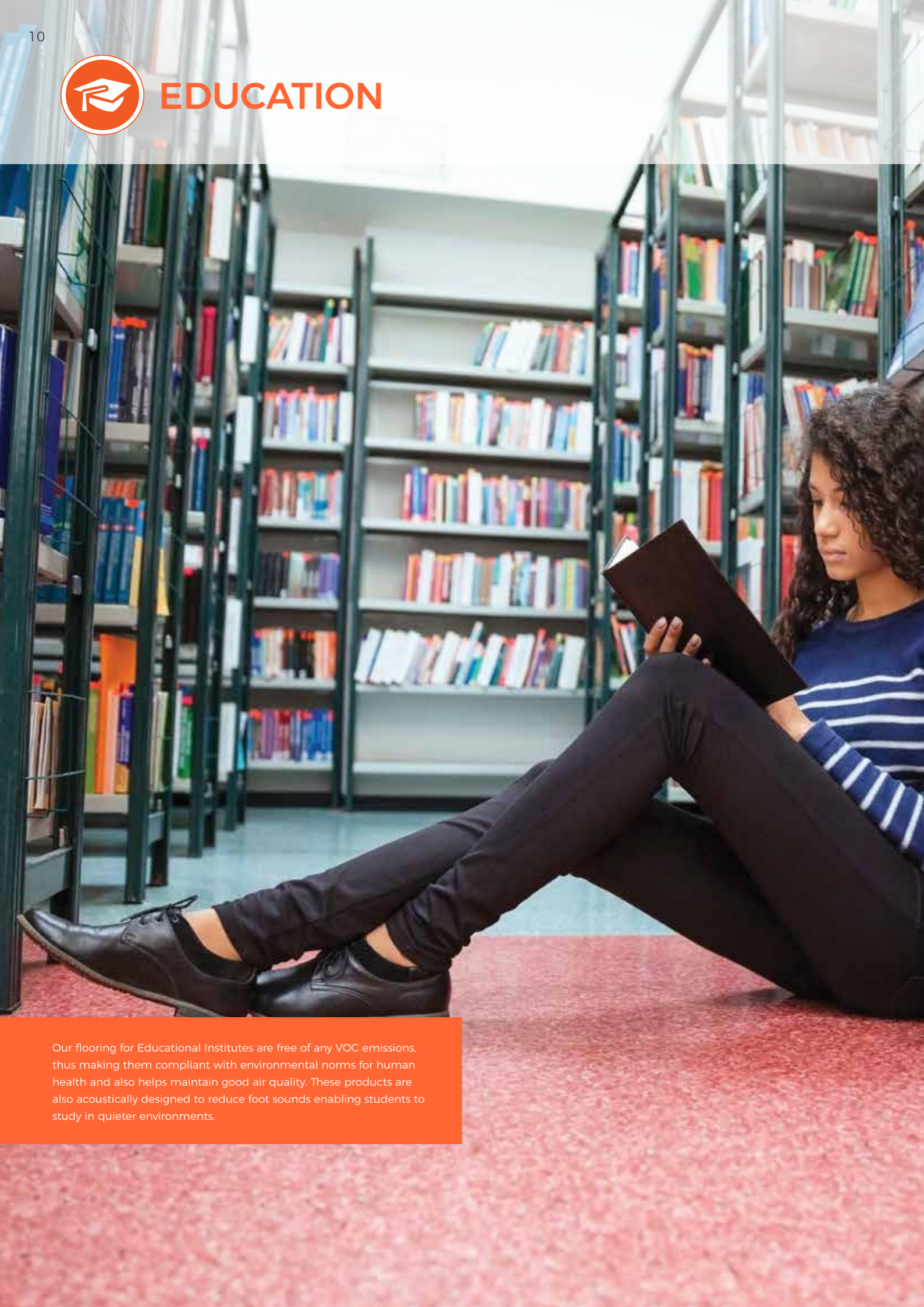
Product: Spica RQ®

Qasimi Hospital
Sharjah

Product: Vega Plus®

Application Areas

• Hospitals • Doctor & Dental Clinics • Laboratories • Pharmacies • Diagnostic Centers • Therapy Centers



Our flooring for Educational Institutes are free of any VOC emissions, thus making them compliant with environmental norms for human health and also helps maintain good air quality. These products are also acoustically designed to reduce foot sounds enabling students to study in quieter environments.

Education Product Ranges:

Pinnacle RQ® | Vega Super RQ® | Wood Essence RQ® | Karma RQ®
Pebble RQ® | Aura RQ® | Cosmo RQ® | Acoustic® | Endura Super®

Colours for the soul.

Responsive's education flooring is designed to withstand the heavy foot traffic of students. Available in a wonderful array of colours and designs, they create an ambience to study in. With RQ protect, they are easy to clean and maintain. Also available with noise dampening, this allows for quieter environments to gain knowledge.



Kindergarten Residential Building, Brazil | Flooring



Delhi Public School, India | Flooring

References

- Pathway School**
Delhi, India
Product: Pinnacle RQ®
- Apeejay School**
Delhi
Product: Vega Super RQ®
- Ngee Ann Polytechnic**
Singapore
Product: Vega Plus®
- Horizon School**
Saudi Arabia
Product: Acousto®
- Taleem School**
Abu Dhabi, UAE
Product: Acousto®

Application Areas

• Schools • Colleges • Libraries • Kindergartens • Classrooms • Playrooms



The unique technology of our sports flooring has better shock absorption properties which makes them great for knees and joints. The flooring is designed to withstand vertical indentations ensuring the surface consistent even after years of use.

Sports Product Ranges:

Active® | Polaris Punch® | Polaris Footwork®

Freedom to run, jump, turn & twist.

Our sports flooring is available in varieties fit for both domestic and professional use. With it's unique ball bounce properties and flooring which has been engineered as per professional grip, slide and jump standards. Responsive's Polaris® and Active® sports flooring is the de-facto choice amongst the sports fraternity.



Chadegan Sports Hall | Flooring



References

American School of Bombay
Mumbai, India

Product: Polaris Punch

Chadegan Sports Hall
India

Product: Polaris

AIM Pro Middle East
Dubai, UAE

Product: Polaris

Darl Alzakar Nursery
UAE

Product: Polaris

Multi-purpose Sports Area
Sharjah, UAE

Product: Polaris Punch

Application Areas

• Basketball courts • Badminton courts • Gymnasiums • Multi-purpose sports • Fitness areas • Table tennis courts



SAFETY & TRANSPORT



Our flooring is equipped with Anti-Slip and Sure Clean Technology. While anti slip ensures the safety of passengers during movement of the vehicles. Sure Clean Technology reduces the amount of dirt that gets trapped on the surface of the flooring, thus reducing the need for frequent cleaning.

Safety & Transport Product Ranges:

Canopus® | Canopus Plus® | Canopus Platinum® | Regor®

Never slip-up.

We are experts in anti-slip safety flooring with over 4 million square meters installed. Our safety flooring has industry best R11 slip rating and Group T abrasion. Sureclean™ technology greatly increases maintainability and reduces life-cycle costs.



Transport Bus - Canopus, Delhi - India | Safety Flooring



References

Bombardier
France
Product: Canopus

Tata Marco Polo
India
Product: Canopus

Scania
India
Product: Canopus

Eicher Volvo
India
Product: Canopus

Indian Railways
India
Product: Canopus

Application Areas

• Buses • Trains • Metros • Ramps • Subways • Ships



Our flooring is warm and inviting with unique designs to be eye-pleasing, as well as to withstand the constant foot traffic on them. They pass all abrasion standards and are easy to maintain both in terms of cost and effort

Hospitality Product Ranges:

Vega Super RQ® | Wood Essence RQ® | Karma RQ®
Pebble RQ® | Aura RQ® | Gold Strip® | Ultra Strong®

Invoke your chi.

Design your interiors with versatile flooring options in wood, stone and granite look designs. With easy maintenance and simple cleaning, the floor retains the original look and finish over years.



References

Ritz Carlton
DLFC, Dubai, UAE
Product: [Gamma](#)

Pan Pacific
Singapore
Product: [Vega Plus](#)

One and Only Royal Miraj
Dubai, UAE
Product: [Canopus](#) | [Vega Plus](#)

Mumbai International Airport
Food Court, Mumbai, India
Product: [Wood Essence](#)

Application Areas

• Budget Hotels • Restaurants • Bars & Pubs • Motels & Inns • Coffee Shops & Tea Lounges • Spas & Yoga Centres



RETAIL & COMMERCIAL



Our flooring has been engineered to both handle heavy foot traffic and last the entire life looking as fresh as the day they were installed. They pass all Castor Wheel Standards as required by many corporate offices and can be easily cleaned using only soap and water.

Retail & Commercial Product Ranges:

Pinnacle RQ® | Vega Super RQ® | Wood Essence RQ® | Karma RQ® | Pebble RQ®
 Aura RQ® | Gold Strip® | Ultra Strong® | Gamma® | Crush® | Superior®

Be Productive.

We offer many eye pleasing designs in both homogeneous and heterogeneous floorings for the demanding needs of the retail and commercial sector. These floorings are designed to handle heavy foot traffic and pass rigorous castor wheel and footwear scuff tests ensuring the floor's beauty lasts and delivers the best value for money.



References

Bauqiao Peace Comm Center
 Taipei, Taiwan
 Product: Wood Essence

Air Arabia Office
 Abu Dhabi, UAE
 Product: Spica RQ

Jewelry Shop
 Sau Paulo, Brazil
 Product: Wood Essence

Bryne International Office
 Dubai, UAE
 Product: Wood Essence

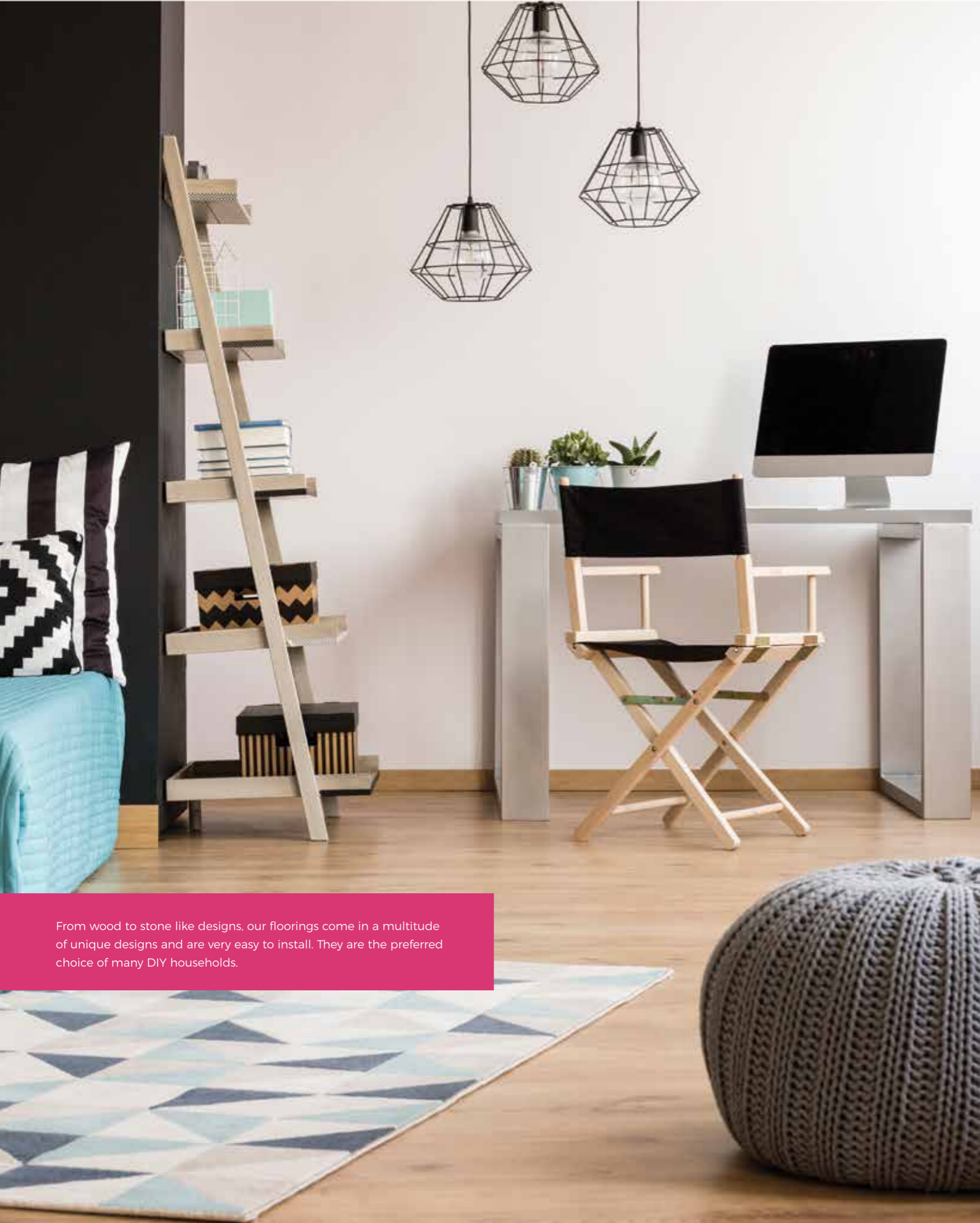
State Bank Of India
 Mumbai, Dubai
 Product: Vega Plus

Application Areas

• Offices • Shops • Supermarkets • Showrooms • Banking Centres • Malls



RESIDENTIAL



From wood to stone like designs, our floorings come in a multitude of unique designs and are very easy to install. They are the preferred choice of many DIY households.

Residential Product Ranges:

Gold Strip® | Ultra Strong® | Gamma® | Crush® | Superior®

Maximum comfort. Least maintenance.

Residential flooring is available in many attractive wooden, stone and granite designs in easy to install vinyl rolls and planks. Easy maintenance with only soap and water ensures that the product retains its original look throughout its lifetime. Also with enhanced underfoot comfort and increased sound insulation properties. The product is good for peaceful residential settings.



References

Pansheel Builders
Pune, India
Product: Silver Strip®

Marvel Builders
Mumbai, India
Product: Wood Essence®

Dorce Prefabrik
Abu Dhabi, UAE
Product: Gamma®

**One and Only Royal Mirage,
Staff accommodation**
Dubai, UAE
Product: Vega Plus®

Ausco Modular, Mining Camps
Queensland, Australia
Product: Gamma / Canopus®

Application Areas

• Retirement Homes • Apartments • Public Housing • Pre-fab Housing • Houses • Residential Complexes



To withstand the rigors of industrial use we offer flooring that is not just sturdy and tough, but also has high anti-slip and conductive properties, enabling it to meet the requirements of any industry.

Industry Product Ranges:

Vega Super RQ® | Cosmo RQ® | Canopus® | Regor® | Electra Plus®

Tough, Durable & Hardworking

We are specialist producer of conductive, anti-static & homogeneous vinyl flooring. We provide anti-bacterial and anti-fungal protection with clean room certification. Also the flooring has the industry's best Group T abrasion for high level of anti-scratch performance and meets R11 standards for anti-slip flooring.



References

- BMW Factory**
India
Product: Vega Plus®
- Johnson & Johnson**
Mumbai, India
Product: Spica RQ®
- P & G Factory**
Singapore
Product: Vega Plus®
- China Mobile**
Jiaxing, China
Product: Spica RQ®
- Pharmaceutical Factory**
Ivory Coast
Product: Canopus Plus®

Application Areas

- Garment Units • Electronic Parts Assembly • Food Processing • Jewelry Manufacturing
- Appliance Assembly Units • Logistic Warehouses



ONE COMPANY / MANY SOLUTIONS
Complete Product Range

PINNACLE RQ®



Pinnacle RQ®

Homogeneous: Non-Directional - Phthalate Free

Attractive, Distinctive And Eye-Catching

Pinnacle RQ® presents a fascinating palette of **35 colours** that will lighten up your environment. This contemporary pallet is designed to be beautiful in a multitude of interiors. With zero VOC, zero maintenance and easy installation, Pinnacle RQ® is the first choice for leading architects, consultants and designers.



Special Features



Applications

- Hospitals
- Clinics
- Laboratories
- Airports
- Old Age Homes
- Schools
- Offices
- Auditoriums
- Supermarkets / Malls
- Kindergartens
- Colleges
- Dormitories

Product Description

Pinnacle RQ® is a Phthalate free, fully flexible homogeneous, non-directional floor covering with a modern design incorporated throughout the entire 2.00 mm thickness of the product. Available in sheets and tiles, the surface is densely treated for superior wear resistance and reduced maintenance.

Pinnacle RQ® is treated with RQ Protect process providing a high level of durability and acting as a barrier against stains and chemical aggression. RQ Protect completely replaces the application of wax or polish during the lifetime of the product.

Pinnacle RQ® is anti-fungal and anti-bacterial. The flooring complies with the EN 649 (34 / 43) and has a group T wear rating. It is suitable for heavy traffic areas.

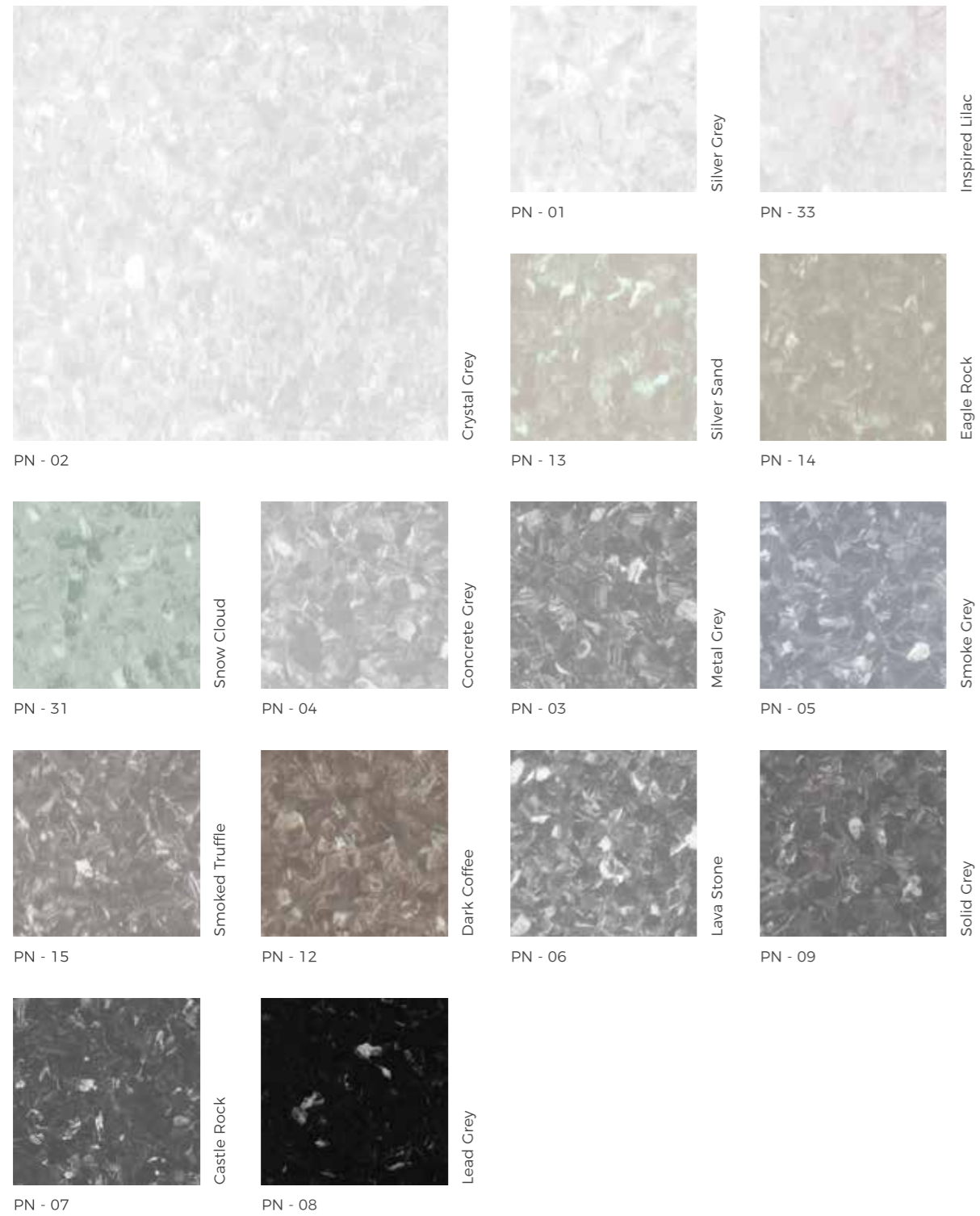
Pinnacle RQ® has Zero VOC emissions and is an environmentally advanced floor covering with superior chemistry and unparalleled performance. VOC (≤ 1/2 Chronic REL) formaldehyde compliant (≤ 9.0 µg/m³) according to the CDPH/ EHLB/ Standard, Method V1.1-2010 (certificate 120316-01).

Technical Specifications

For complete Technical testing information refer to PAGE 78 and 79.

Pinnacle RQ®

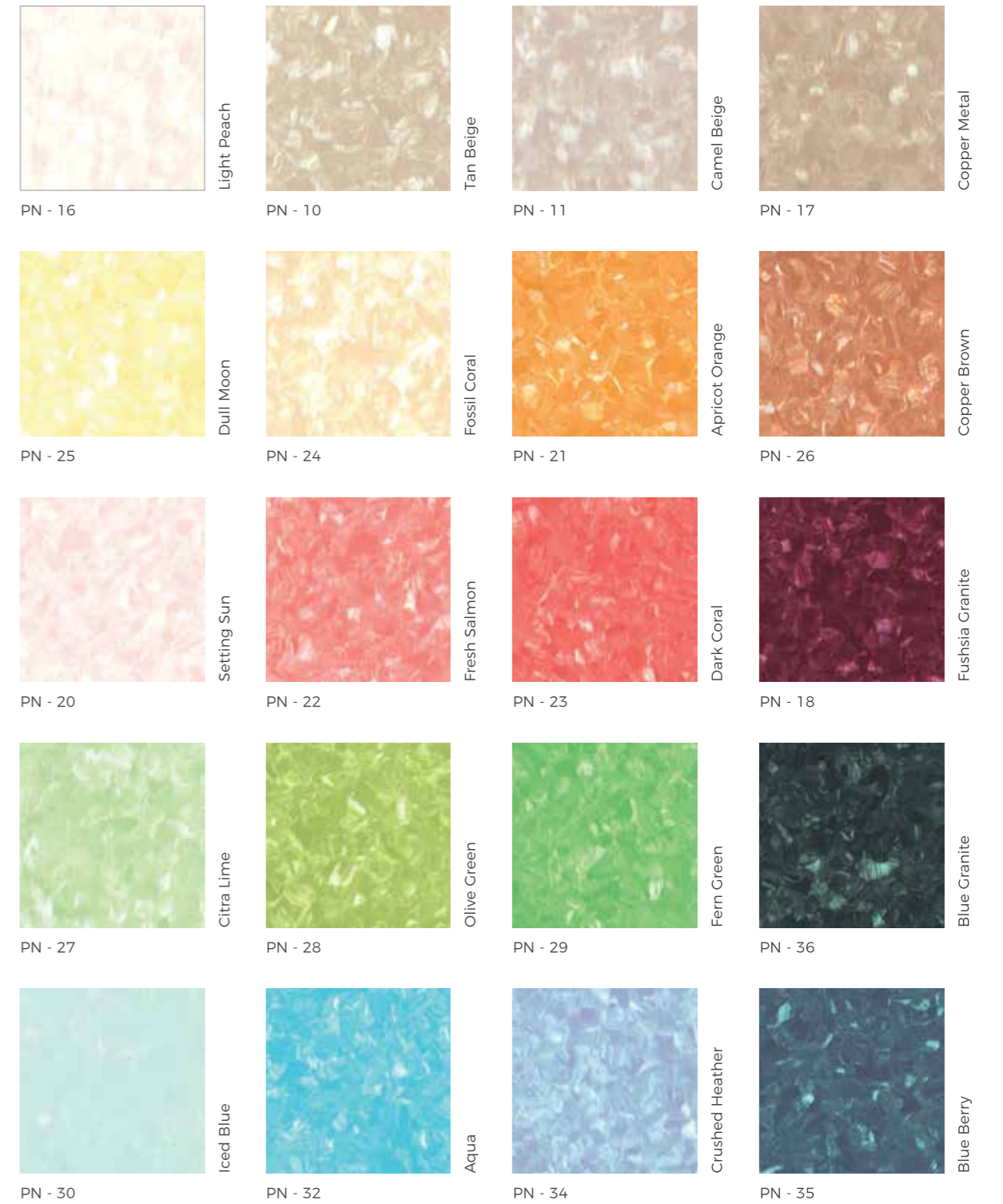
Homogeneous: Non-Directional - Phthalate Free



Matching welding rods are available for every colour.
Printed shades may appear slightly different from actual samples.

Pinnacle RQ®

Homogeneous: Non-Directional - Phthalate Free



Matching welding rods are available for every colour.
Printed shades may appear slightly different from actual samples.

VEGA SUPER RQ®



Vega Super RQ®

Homogeneous: Directional - Phthalate Free

The Workhorse

Intended for use in the toughest and most demanding environments, Vega Super RQ® is the preferred choice for professionals looking for durability and performance. With completely revamped colours and upgraded stain, chemical, scratch and scuff resistance, the floor retains its lustre throughout its lifetime.



Special Features



Applications

- Hospitals & Clinics
- Reception areas
- Waiting rooms
- Auditoriums
- Schools & Classrooms
- Supermarkets
- Kindergartens
- Laboratories
- Dormitories

Product Description

Vega Super RQ® is a Phthalate free, fully flexible homogeneous, directional floor covering with a classic design incorporated throughout the entire 2.00mm / 3.00mm thickness of the product. Vega Super RQ® is treated with RQ Protect process providing a high level of durability and acting as a barrier against stains and chemical aggression. RQ Protect completely replaces the application of wax or polish during the lifetime of the product.

Vega Super RQ® is VOC compliant ($\leq 1/2$ Chronic REL) and formaldehyde compliant ($\leq 9.0 \mu\text{g}/\text{m}^3$) according to the CDPH/EHLB/Standard, Method V1.1-2010 (certificate 120316-01).

Technical Specifications

For complete Technical testing information refer to PAGE 78 and 79.

Vega Super RQ®

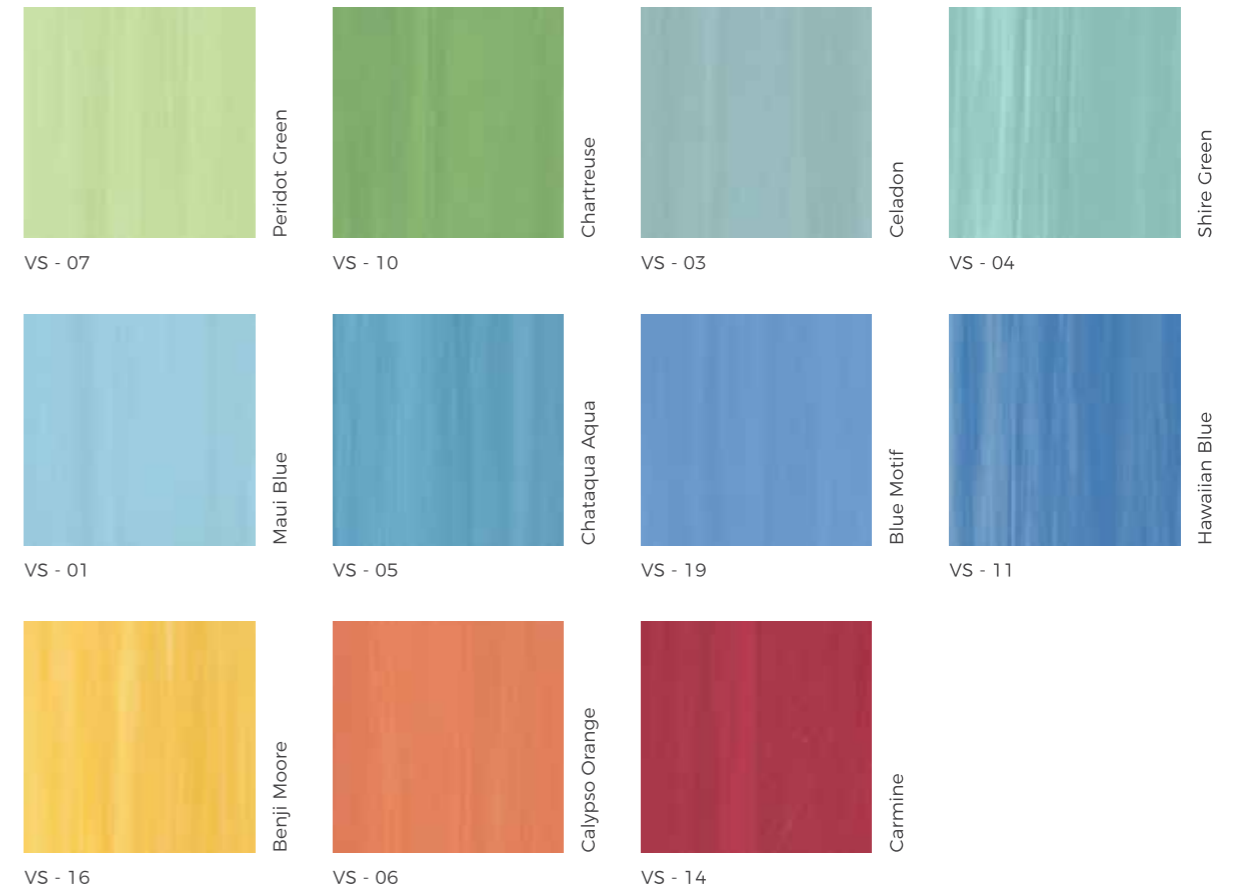
Homogeneous: Directional - Phthalate Free



Matching welding rods are available for every colour.
Printed shades may appear slightly different from actual samples.

Vega Super RQ®

Homogeneous: Directional - Phthalate Free



Matching welding rods are available for every colour.
Printed shades may appear slightly different from actual samples.

COSMO RQ®



Special Features



Applications

- Schools
- Colleges
- Offices
- Cinemas
- Supermarkets
- Creches

Product Description

Cosmo RQ® is a fully flexible, homogeneous vinyl floor covering with a uni color decor throughout the 2.00mm / 3.00mm thickness available in sheets and tiles.

Cosmo RQ® is treated with RQ Protect process providing a high level of durability and acting as a barrier against stains and chemical aggression. RQ Protect completely replaces the application of wax or polish during the lifetime of the product.

Cosmo RQ® is suitable for modular structures and heavy traffic areas. It is available in wide variety of colours.

Cosmo RQ® is VOC (≤ 12 Chronic REL) and formaldehyde compliant (≤ 9.0 µg/m³) according to the CDPH/EHLB/Standard, Method V1.1-2010 (certificate 120316-01).

Technical Specifications

For complete Technical testing information refer to PAGE 78 and 79.

Cosmo RQ®

Homogeneous: Directional - Phthalate Free



A Bold Statement

A solid colour vinyl, Cosmo RQ® can be laid in any direction and cut into any pattern making a designed floor stand out. The RQ treatment ensures its usage in the most demanding environments.



Matching welding rods are available for every colour. Printed shades may appear slightly different from actual samples.

CANOPUS PLATINUM®



Special Features



Applications

- Transport
- Airports, trains and ferry
- Ramps
- Elevated Corridor access
- Life areas and entrances
- Kitchens or wet areas
- Industrial locations
- Heavy duty and heavy traffic areas

Product Description

Canopus Platinum® is an anti-slip fully flexible vinyl floor covering 2.00 mm thick with silicon carbide crystals and coloured chips for a decorative design with R11 slip resistant properties. The product has a 1.00 mm wear layer and is reinforced with a glass fibre grid for extra dimensional stability.

The SureClean™ surface treatment replaces wax and polish after installation without reducing the anti-slip properties of the flooring and providing a high level of dirt resistance and ease of maintenance.

Canopus Platinum® is antifungal and antibacterial, complies with the EN 649 norm (34 / 43) and has a group T wear rating.

Canopus Platinum® is suitable for transport applications such as buses, trains, ships and airplanes. It is also applicable for non-slip performance in commercial and industrial areas. It is the ideal solution for heavy traffic applications where enhanced slip resistance, aesthetic beauty and easy maintenance are required.

Canopus Platinum® is VOC (≤ 12 Chronic REL) and formaldehyde compliant (≤ 9.0 µg/m³) according to the CDPH/EHLB/Standard, Method V1.1-2010 (certificate 120316-01).

Technical Specifications

For complete Technical testing information refer to PAGE 80 and 81.

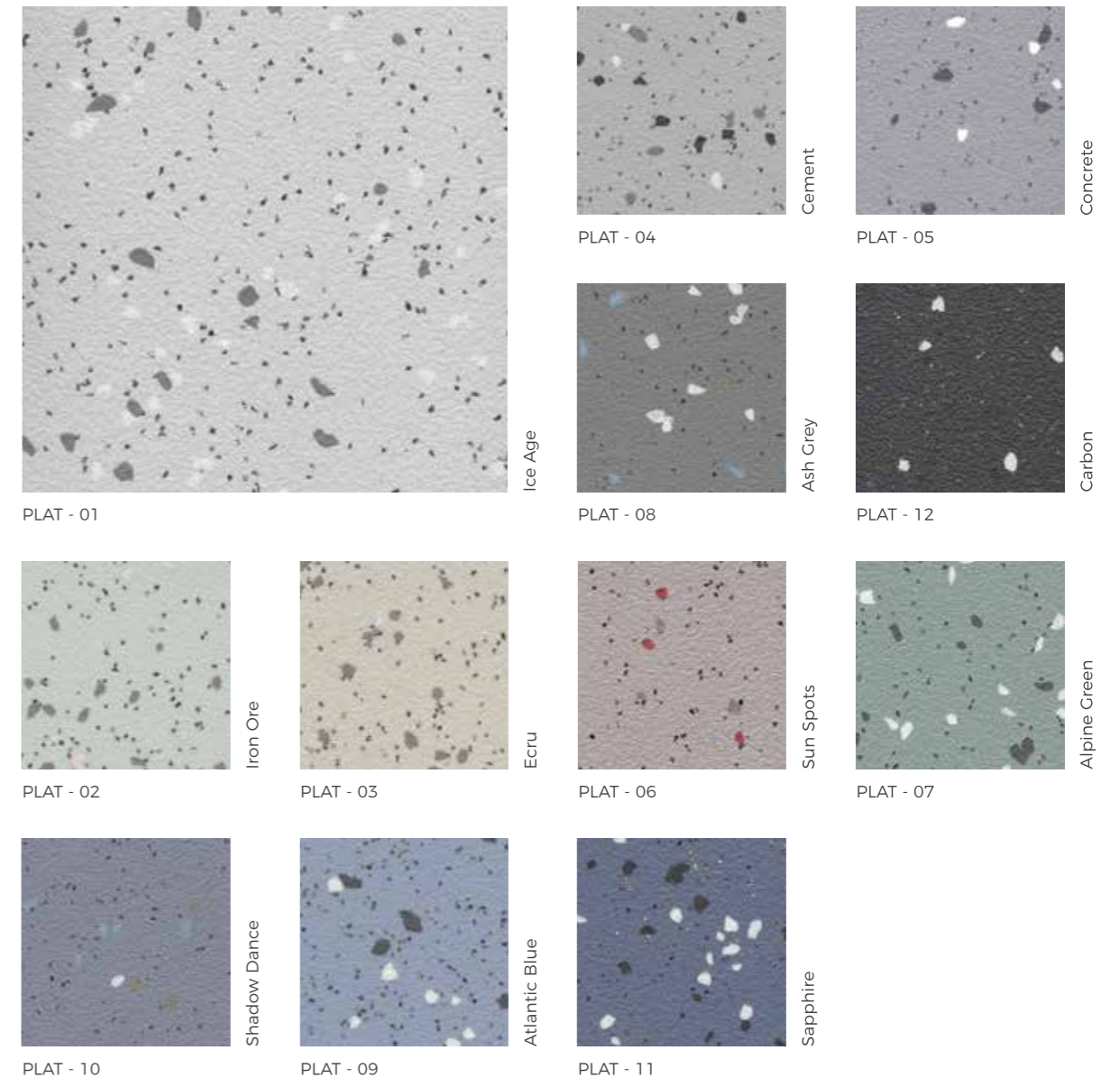
Canopus Platinum®

Anti-Slip - Phthalate Free



Super Abrasion

Stylish, soft and classy, Canopus Platinum® defines elegance for safety floors. The range has a carefully constructed colour palette and is uniquely complemented by superior performance characteristics. With endless possibilities of application areas, Canopus Platinum® is far ahead of its time.



Matching welding rods are available for every colour. Printed shades may appear slightly different from actual samples.

CANOPUS PLUS®



Special Features



Applications

- Transport
- Airports
- Ramps
- Elevated Corridor access
- Lift areas and entrances
- Kitchens or wet areas
- Industrial locations
- Trains
- Ferries

Product Description

Canopus Plus® is an anti-slip flexible vinyl floor covering 2.00 mm thick with silicon carbide particles for a decorative effect and R11 slip resistant properties. The product has a 1.00 mm wear layer and is reinforced with a glass fibre grid for better dimensional stability.

The SureClean™ surface treatment replaces wax and polish after installation without reducing the anti-slip properties of the flooring and provides a high level of chemical resistance and ease of maintenance.

Canopus Plus® is antifungal and antibacterial, complies with the EN 649 norm (34 - 43) and has a group T wear rating.

Canopus Plus® is suitable for transport applications in buses, trains, ships and airplanes. It is also applicable for non-slip performance in most commercial and industrial areas. It is the ideal solution for heavy traffic applications where enhanced slip resistance, durability, hygiene and aesthetic beauty are required.

Canopus Plus® is VOC (≤ 12 Chronic REL) and formaldehyde compliant (≤ 9.0 µg/m³) according to the CDPH/EHLB/Standard, Method V1.1-2010 (certificate 120316-01).

Technical Specifications

For complete Technical testing information refer to PAGE 80 and 81.

Canopus Plus®

Anti-Slip - Phthalate Free



Safety First

Robust and reliable, Canopus Plus® is the safety floor of choice where tough performance and durability are most important. With a R11 slip rating, Canopus Plus® is suitable for industrial specification where safety at work is an issue. Canopus Plus® is also widely used for heavy foot traffic applications.



Matching welding rods are available for every colour. Printed shades may appear slightly different from actual samples.

CANOPUS®



Special Features

-
-
-
-
-
-
-
-

Applications

- Transport
- Airports
- Ramps
- Elevated Corridor access
- Lift areas and entrances
- Kitchens or wet areas
- Industrial locations
- Trains
- Ferries

Product Description

Canopus® is an anti-slip flexible floor covering, 2.00 mm thick with silicon carbide crystals and coloured chips for a decorative design combined with R11 slip resistant properties. The product has a wear layer of 1.00 mm and is reinforced with a glass fibre grid for extra dimensional stability.

The SureClean™ surface treatment replaces wax and polish after installation without reducing the anti-slip properties of the flooring and this provides high ease of maintenance.

Canopus® is antifungal and anti-bacterial, complies with the EN 649 norm (34 - 43) and has a group T wear rating.

Canopus® is suitable for transport applications such as buses, trains, ships and airplanes. It is also applicable for non-slip performance in most commercial and industrial areas. It is the ideal solution for heavy traffic applications where enhanced slip resistance, durability, hygiene and aesthetic beauty are required.

Canopus® is VOC (≤ 12 Chronic REL) and formaldehyde compliant (≤ 9.0 µg/m³) according to the CDPH/EHLB/Standard, Method V1.1-2010 (certificate 120316-01).

Technical Specifications

For complete Technical testing information refer to PAGE 80 and 81.

Canopus®

Anti-Slip - Phthalate Free



Get A Grip

Safe, reliable, and attractive, Canopus® is a perennial choice for specifiers. With its orange peel emboss and carborundum construction, Canopus® is widely used in railways, buses, and contract applications. Having an R11 slip rating, Canopus® sets the gold standard for safety products.

Matching welding rods are available for every colour. Printed shades may appear slightly different from actual samples.

WOOD ESSENCE RQ®



Special Features



Applications

- Education
- Hospitality
- Bars and Coffee shops
- Boutiques and stores
- Offices
- Lobbies and Waiting areas
- Accommodation
- Leisure centre lounge areas

Product Description

Wood Essence RQ® are flexible, heterogeneous, printed floor covering with a natural design incorporated in the floors. Available in sheets and tiles, the surface wear layer is densely treated for superior wear resistance and reduced maintenance.

Wood Essence RQ® is treated with RQ Protect providing a high level of durability and acting as a barrier against stains and chemical aggression. Suitable for various applications like classrooms, libraries, supermarkets and offices. The flooring complies with group T wear rating. It is suitable for heavy traffic areas.

Wood Essence RQ® is engineered to adhere to the strictest environmental norms. The Floor coverings are also fully compliant to requisite VOC emission norms, LEED accreditation requirements the California Indoor Air Quality Standards and certified by SCS Global Services with Floorscore Certification. It also complies with latest health requirements and is completely Phthalate-free.

Wood Essence Acoustic RQ® has all the qualities plus an addition sound absorption benefit of 19dB when in use in commercial applications.

Technical Specifications

For complete Technical testing information refer to PAGE 82 and 83.

Wood Essence RQ®

Heterogeneous Contract Sheet - Phthalate Free



Evoked Your Senses

Set your interiors with versatile options in wood and decor that reflects your style. Enhanced design with zero maintenance. Such that the floor retains the original look and finish. With Phthalate-free chemistry and zero VOC emissions, feel free to use Wood Essence RQ® in any demanding environment.



Matching welding rods are available for every colour. Printed shades may appear slightly different from actual samples.

Wood Essence RQ®

Heterogeneous Contract Sheet - Phthalate Free



Matching welding rods are available for every colour.
Printed shades may appear slightly different from actual samples.

Wood Essence RQ®

Heterogeneous Contract Sheet - Phthalate Free



Matching welding rods are available for every colour.
Printed shades may appear slightly different from actual samples.

KARMA RQ® | PEBBLE RQ® | AURA RQ®



Special Features



Applications

- Hallways
- Offices
- Kindergartens
- Waiting rooms
- Auditoriums
- Classrooms
- Reception areas
- Supermarkets
- Dormitories

Product Description

Karma RQ® / Pebble RQ® / Aura RQ® are flexible, heterogeneous, non-directional floor covering with a delicate design incorporated throughout the entire thickness of the product. Available in sheets and tiles, the surface is densely treated for superior wear resistance and reduced maintenance.

Karma RQ® / Pebble RQ® / Aura RQ® are treated with RQ Protect providing a high level of durability and acting as a barrier against stains and chemical aggression. Suitable for various applications like classrooms, libraries, supermarkets and offices. It is anti-fungal and anti-bacterial. The flooring complies with group T wear rating. It is suitable for heavy traffic areas.

Karma RQ® / Pebble RQ® / Aura RQ® are engineered to adhere to the strictest environmental norms. The floor coverings are also fully compliant to requisite VOC emission norms, LEED accreditation requirements and the California Indoor Air Quality Standards and certified by SCS Global Services with Floorscore Certification.

Karma Acoustic RQ® / Pebble Acoustic RQ® / Aura Acoustic RQ® have all the qualities plus an additional sound absorption benefit of 19dB when in use in commercial applications.

Technical Specifications

For complete Technical testing information refer to PAGE 82 and 83.

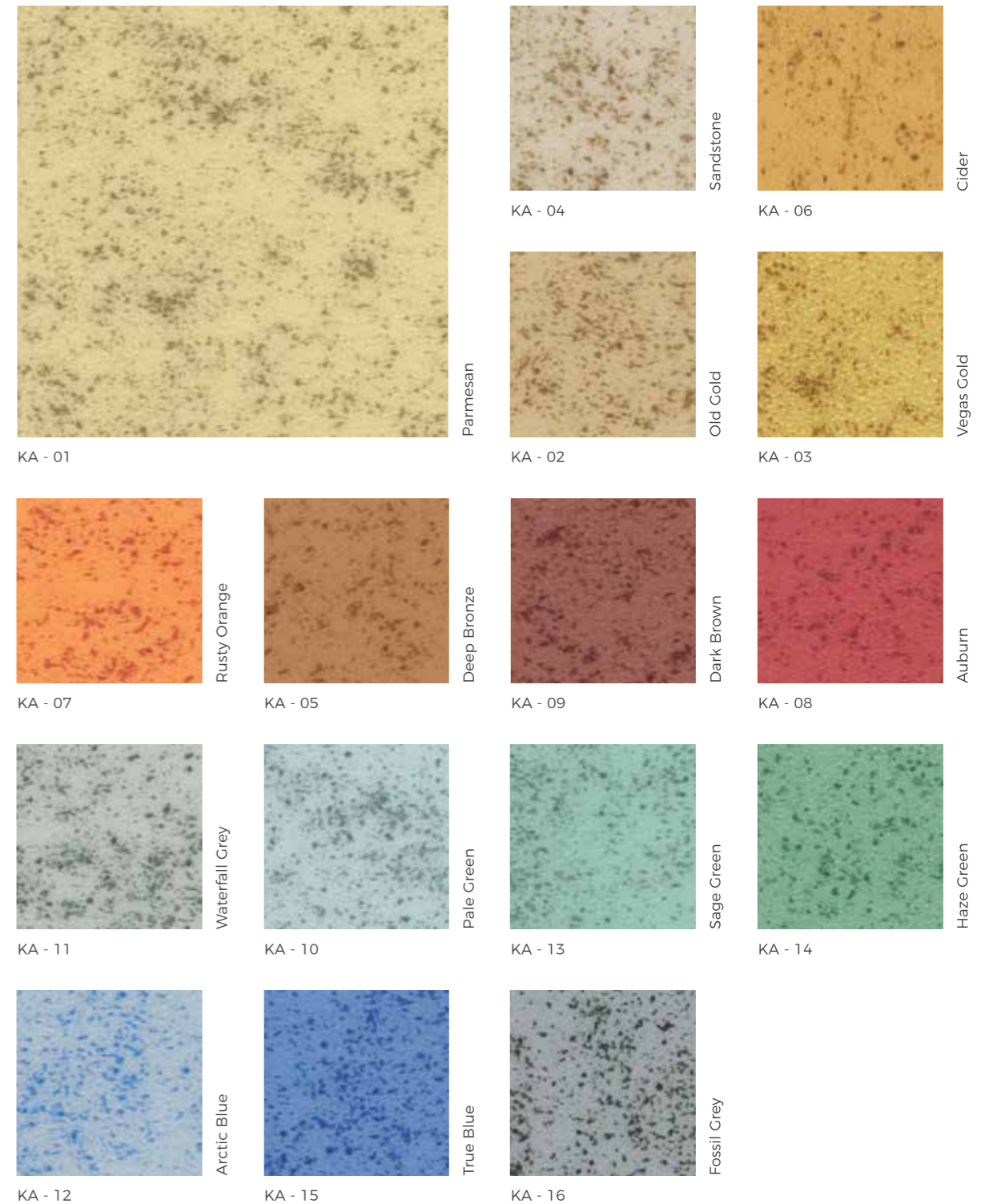
Karma RQ®

Heterogeneous Contract Sheet - Phthalate Free



Colours For The Soul

A designed interior reflects the thoughts and quality of your life therefore we produce a variety of colours that will touch your soul and enrich your style. The colour palette, texture, pattern and design are features that cannot be overlooked. Tough, durable and scratch resistant against desk and chair bottoms. Low maintenance cost and increased life of the floors.



Matching welding rods are available for every colour. Printed shades may appear slightly different from actual samples.

Pebble RQ®

Heterogeneous Contract Sheet - Phthalate Free



Walking on Clouds

With the subtle ethereal design, it feels as if one is walking on a wonderful kaleidoscope of warm and welcoming colours. Using this range with acoustic backing, one can appreciate the subdued silence of the area in spite of the walking crowd.



Matching welding rods are available for every colour.
Printed shades may appear slightly different from actual samples.

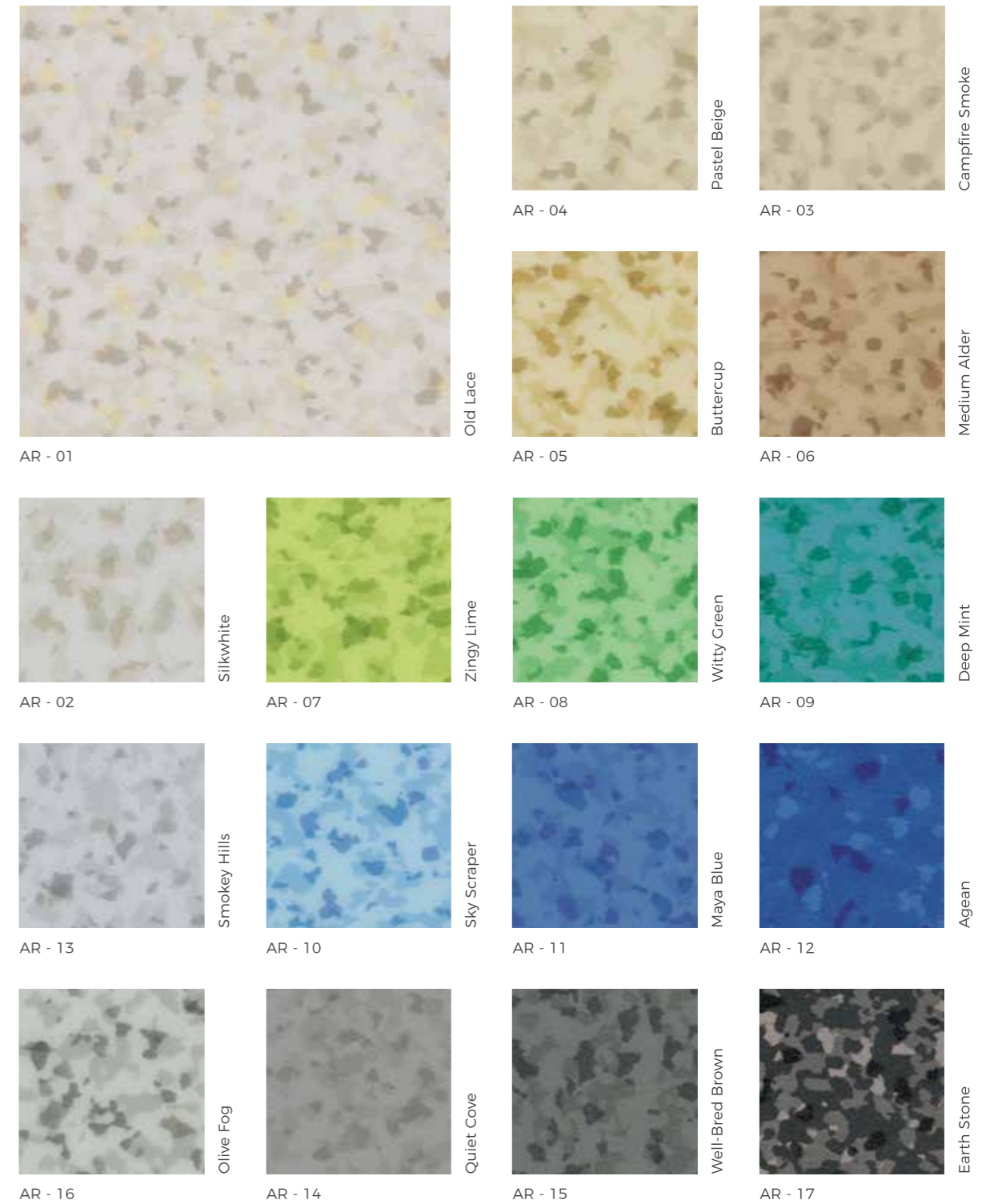
Aura RQ®

Heterogeneous Contract Sheet - Phthalate Free



Zen Garden

Our stone chip design with modern colours, gives a look and feel of a serene environment wherein one can work and create new ideas and concepts. With RQ protect technology, the flooring does not need any waxing and polishing for life, enabling one to appreciate the look of the flooring even after years of use.



Matching welding rods are available for every colour.
Printed shades may appear slightly different from actual samples.

ENDURA SUPER®



Special Features



Applications

- Residential
- Restaurants, bars & lounges
- Shops, Showrooms
- Modular homes / Structures
- Offices
- Auditoriums

Product Description

Endura Super® is an acoustic comfort vinyl floor covering in a total thickness of 2.00mm. Endura® Super has Responsive's proprietary foam backing with underfoot comfort and sound insulation properties at 15dB reduction.

The surface of the product is processed with an easy clean PUR surface treatment that reduces maintenance by delaying wax and polish operations and by acting as a barrier against stains and chemical aggression.

Technical Specifications

For complete Technical testing information refer to PAGE 83.

Endura Super®

Acoustic Residential



Tread Silently

Endura's sound absorbing properties reduces the impact sounds created by foot fall, thus enabling you to walk normally, either in the nursery or the auditorium without fear of disturbing anyone.



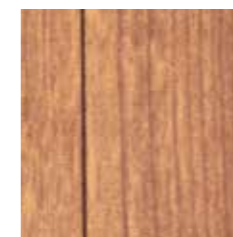
5002



5007



5009



5010



5008



5019



5016



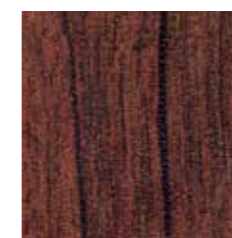
5020



5003



5017



5004



5021

Matching welding rods are available for every colour.
Printed shades may appear slightly different from actual samples.

ACTIVE®



Special Features



CERTIFIED BY SCS Global Services

Applications

- Basketball
- Badminton
- Wrestling
- Pilates & Yoga
- Kickboxing
- Martial Arts
- Gymnastics
- Futbol / Futsal
- Volley ball

Product Description

Active® is a multi layered vinyl sports floor covering, available in sheets 1.5m wide with a compact closed cell foam backing, glass fibre reinforcement, vinyl performance layer, embossed PVC wear layer, and printed wood design protected by a transparent wood grain embossed wear layer. It has superior dimensional stability and enhanced indentation ratings. Rapid restoration of the foam layers gives the following extremely good sports performances.

With an elevated underfoot comfort, it is the ideal solution for professional sports, multi-purpose halls, gymnasiums, kindergartens and other applications where athletic performance, safety, energy absorption, noise reduction, design and durability are required.

Technical Specifications

For complete Technical testing information refer to PAGE 84.

Active®

Sports Vinyl



Power Up the Game

When the challenge is on, you need the best flooring to perform. No matter what the activity, Responsive's ACTIVE® sports flooring will meet up to the needs and expectations, day after day, whilst ensuring the least damage to your body.



ACT - 05

Sparkling Sun



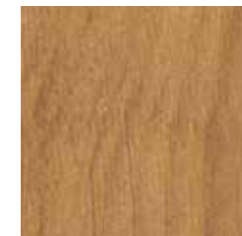
ACT - W - 08

Golden Blonde



ACT - 06

Bright Orange



ACT - W - 09

Wheat Brown



ACT - 07

Ruby Red



ACT - 01

Dolphin Grey



ACT - 02

Airforce Blue



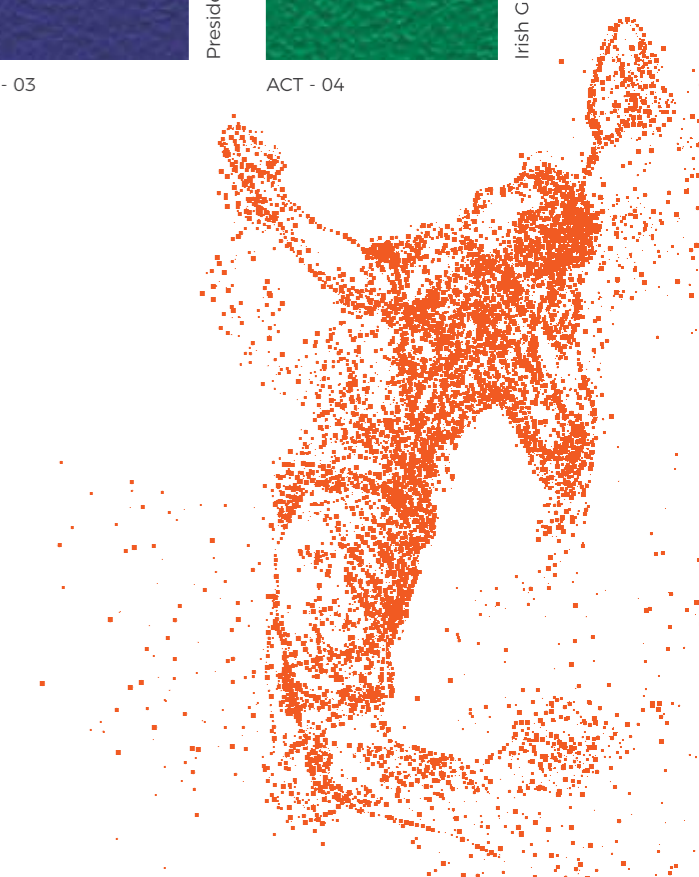
ACT - 03

Presidential Blue



ACT - 04

Irish Green



Matching welding rods are available for every colour. Printed shades may appear slightly different from actual samples.

POLARIS PUNCH®



Special Features



Applications

- Basketball
- Badminton
- Volley ball
- Indoor soccer
- Club houses
- Physiotherapy centres
- Gyms & Fitness centres
- Pilates & Yoga

Product Description

Polaris® is a multi layered vinyl sports floor covering, available in sheets 1.5m wide with a compact closed cell foam backing, glass fibre reinforcement, vinyl performance layer, embossed PVC wear layer, and printed wood design protected by a transparent wood grain embossed wear layer. It has superior dimensional stability and enhanced indentation ratings. Rapid restoration of the foam layers gives the following extremely good sports performances.

The surface of the product is processed with an easy clean PUR surface treatment that reduces maintenance by delaying wax and polish operations and by acting as a barrier against stains and chemical aggression.

With an elevated underfoot comfort, it is the ideal solution for professional sports, multi-purpose halls, gymnasiums, kindergartens and other applications where athletic performance, safety, energy absorption, noise reduction, design and durability are required. Polaris® complies with the NE 649 norm.

Technical Specifications

For complete Technical testing information refer to PAGE 84.

Polaris Punch®

Sports Vinyl



A Real Knockout

A designed interior reflects the thoughts and quality of your life therefore we produce a variety of colours in 6.5mm and 8.00mm thickness that will touch your soul and enrich your style. The colour palette, texture, pattern and design are features that cannot be overlooked. Tough, durable and scratch resistant against desk and chair bottoms. Low maintenance cost and increased life of the floors.



POL - 01

Cedar Wood



POL - 02

Almond



POL - 03

Walnut



POL - 04

Fig Wood

Matching welding rods are available for every colour. Printed shades may appear slightly different from actual samples.

POLARIS FOOTWORK®



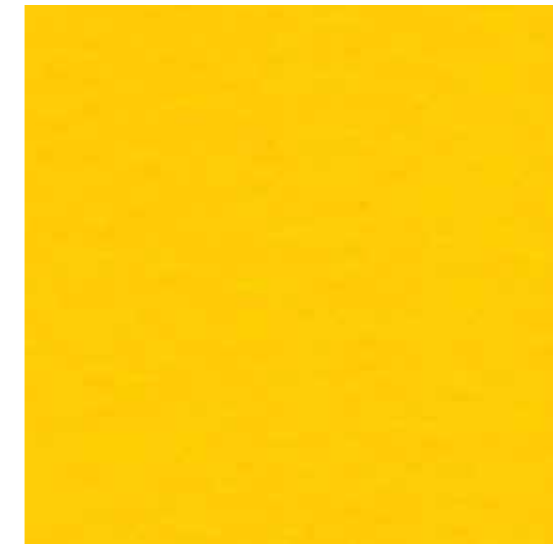
Polaris Footwork®

Sports Vinyl



Player's Delight

Whilst giving the best in your game, even the smallest mistake can be disastrous. You require flooring that gives you the best support, so your mind is focused on the challenge. Our flooring's unique features ensures that you perform at the peak of your game.



POL - 05

Citrus Yellow



POL - 06

Orange Brick



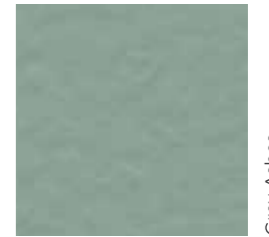
POL - 07

Plum Red



POL - 08

Light Hydra



POL - 09

Grey Ashes



POL - 10

Indus River



POL - 11

Emerald



POL - 12

Ocean Deep



POL - 13

Parrot



POL - 14

Sea Breeze

Matching welding rods are available for every colour.
Printed shades may appear slightly different from actual samples.

ELECTRA®



Electra®

Anti-Static



Protect Your Equipments

For the sensitive requirements of manufacturing and service industries, our anti-static flooring fulfils the quality requirements. They can be used for computer and call centres, operation theatres, ICU's and diagnostic centres. We provide the safest anti-static flooring available in the market.

Special Features



Applications

- Server rooms
- Computer rooms
- Electronic manufacturing units
- Radiotherapy and lab areas
- Electronic equipment rooms
- Shop floors
- Clean industries

Product Description

Electra® is a dissipative, anti static (< 2 kV), flexible homogeneous floor covering in 2.00 thickness, available in both sheet and tile form, with permanent anti static properties (EN 1081) it acts as a continuous dissipater ($10^6 \leq Rt \leq 10^9$).

Electra® is available in sheets 2.00m wide, complies with the European norm EN 649 (34-43) and has excellent resistance to static and rolling loads.

Electra® is VOC (≤ 12 Chronic REL) and formaldehyde compliant ($\leq 9.0 \mu\text{g}/\text{m}^3$) according to the CDPH/EHLB/Standard, Method V1.1-2010 (certificate 120316-01).

Technical Specifications

For complete Technical testing information refer to PAGE 85.



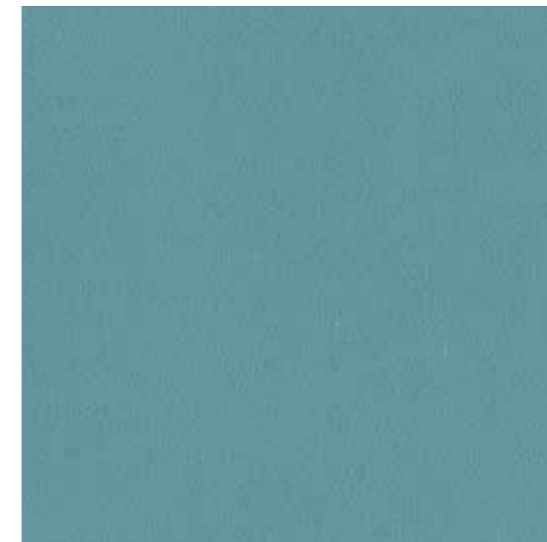
Antelope

2759-802-4



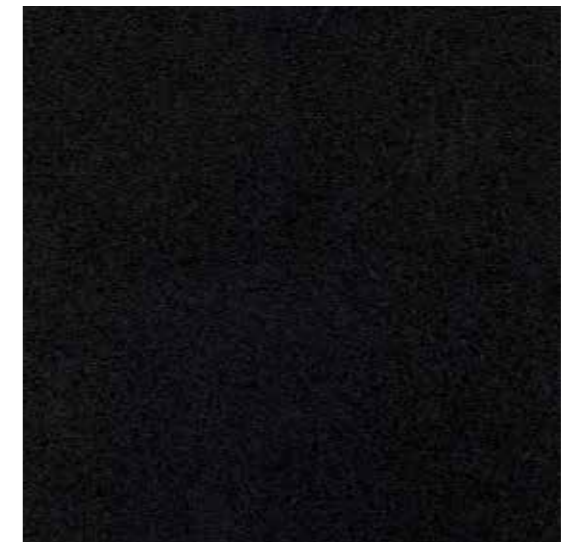
Soft Grey

2759-806-4



Arctic Shadow

2759-803-4



Carbon Copy

2759-804-4

Matching welding rods are available for every colour. Printed shades may appear slightly different from actual samples.

CAPILLA®



Special Features



Applications

- Hospitals
- Laboratories
- Clinics
- Classrooms
- Hallways
- Dormitories

Product Description

Capilla® is a homogeneous flexible vinyl wall covering available in 1.00 mm thickness, designed to be fully resistant to impact. Capilla acts as a buffer against damage from beds, trolleys and indoor motorised vehicles or other transportation systems.

Capilla® is fully impact resistant and is therefore ideal for use as a cladding in large public buildings such as hospitals, care institutions, dental and veterinary surgeries, clean rooms, stores and supermarkets, warehouse and storage areas.

Capilla® is anti-fungal and anti-bacterial, is available in sheets 2.0m wide and complies with the European norm EN 649.

Capilla® is VOC (≤ 12 Chronic REL) and formaldehyde compliant (≤ 9.0 µg/m³) according to the CDPH/EHLB/Standard, Method V1.1-2010 (certificate 120316-01).

Technical Specifications

For complete Technical testing information refer to PAGE 86.

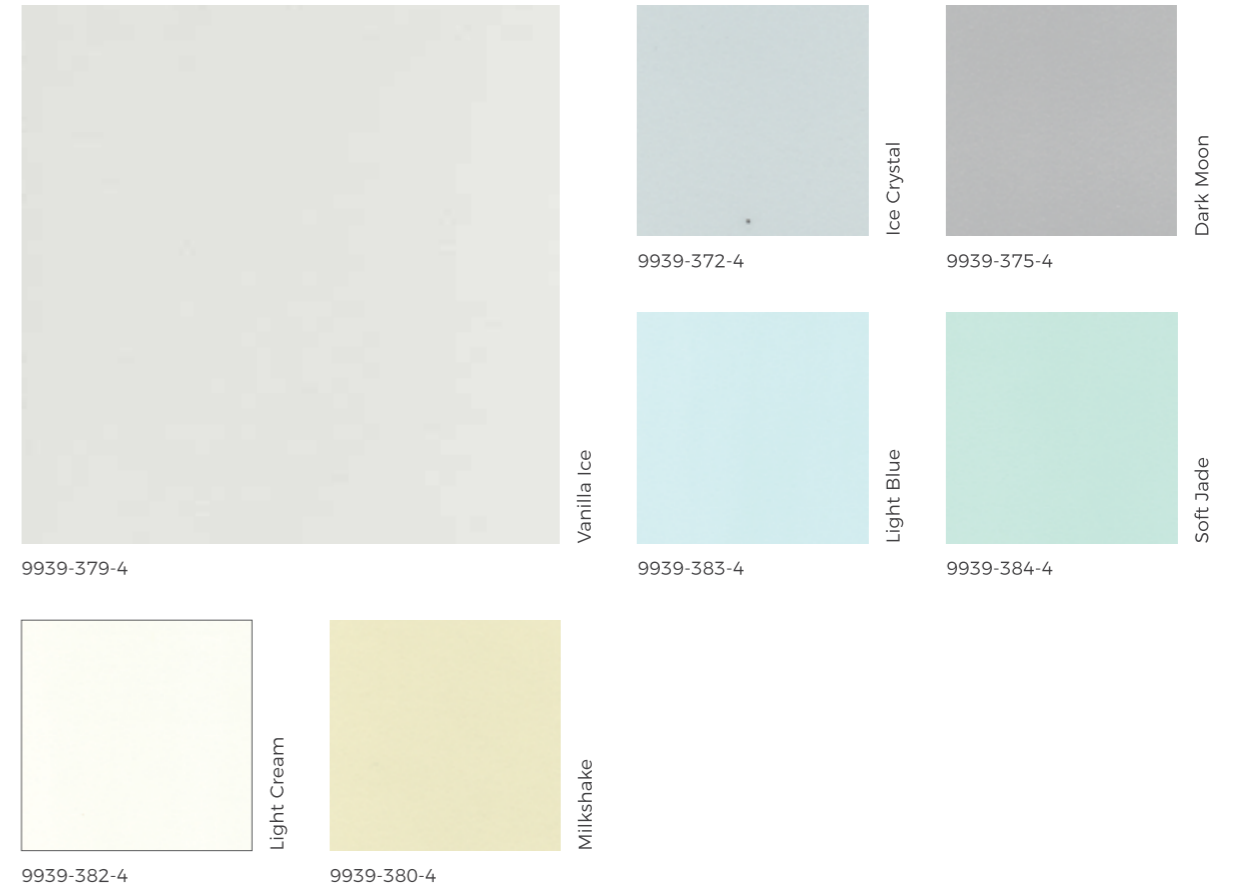
Capilla®

Wall Covering



Lateral Thinking

Hygienic, crisp, clean, and easy - Capilla® is the preferred wall covering choice for tough professional environments. With pleasing pastel designs, Capilla® is the perfect complement for Responsive's extensive vinyl flooring collection.



Matching welding rods are available for every colour. Printed shades may appear slightly different from actual samples.

REGOR®



Regor®

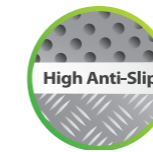
Stud Vinyl: Super Anti-Slip

Colour Me Embossed

With nine different embosses in seven available colours, Regor® has many avatars. Easy to install, easy to clean and good anti-slip properties make Regor® an adaptable solution for everyday safety applications.



Special Features



Applications

- Kitchen areas or wet areas in hospitals, schools, leisure centres, holiday camps and industries
- Garages and workshops
- Locker rooms
- Lift areas and entrances
- Ramp and sloped corridor access
- Delivery and preparation areas
- Construction site office
- Storage rooms

Product Description

Regor® is a slip resistant flexible vinyl floor covering available in 1.50 and 2.00 mm thicknesses, with a special R12 slip resistant embossing which confers excellent safety properties.

Regor® complies with the EN 649 norm (34 / 43) and is suitable for transport and most commercial and industrial areas. It is an adapted solution for medium traffic applications where enhanced slip resistance, durability, hygiene and easy maintenance are required.

Regor® is VOC (≤ 12 Chronic REL) and formaldehyde compliant (≤ 9.0 $\mu\text{g}/\text{m}^3$) according to the CDPH/EHLB/ Standard, Method V1.1-2010 (certificate 120316-01).

Technical Specifications

For complete Technical testing information refer to PAGE 87.

Regor® : Colours

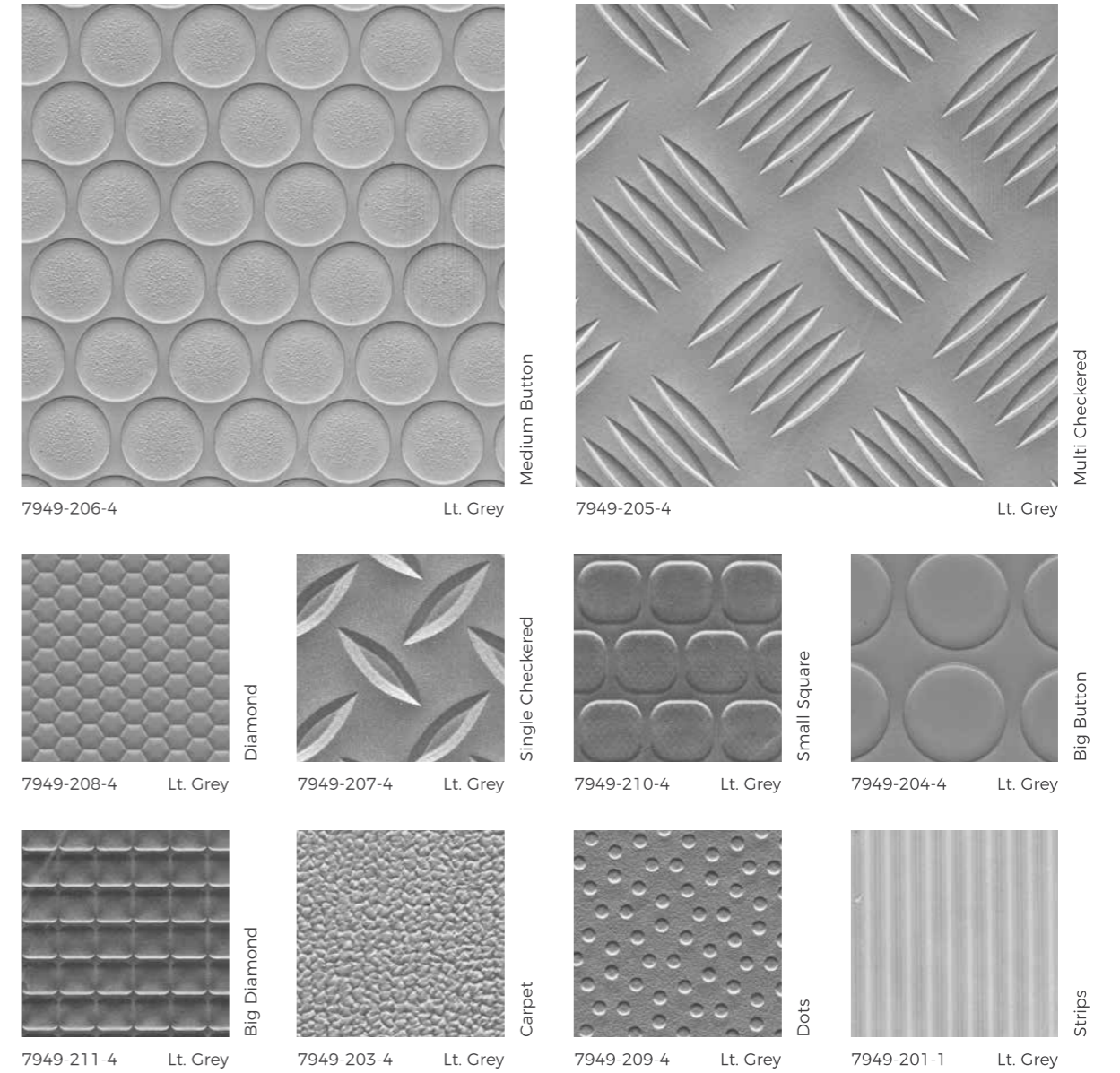
Stud Vinyl: Super Anti-Slip



Matching welding rods are available for every colour.
Printed shades may appear slightly different from actual samples.

Regor® : Embosses

Stud Vinyl: Super Anti-Slip



Matching welding rods are available for every colour.
Printed shades may appear slightly different from actual samples.



Gamma®

Heterogeneous Semi Contract

Beauty of Nature

The wide variety of wood and stone designs makes this flooring a preferred choice for your residence. Specially designed to be easy to install and maintain, and yet is easy on the pocket.



Special Features



Applications

- Holiday accommodation
- Bedrooms
- Television rooms
- Staff accommodation
- Service areas
- Lobbies and waiting areas

Product Description

Gamma® 130 is a multi-layered vinyl floor covering, 1.30 mm thick with a 0.10 mm thick wear layer, available in sheets 2.00 m wide. The product comprises a compacted under layer reinforced with a glass fibre grid and a printed all-over design that is protected by a transparent wear layer.

Gamma® 130 is compact, heavy duty and durable. The flooring is anti-bacterial and anti-fungal, has a group T wear rating and is suitable for medium traffic areas.

Technical Specifications

For complete Technical testing information refer to PAGE 88.

Gamma®

Heterogeneous Semi Contract



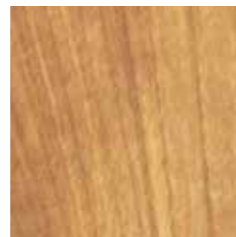
332 - 61



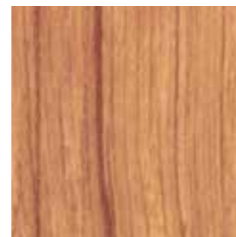
335 - 61



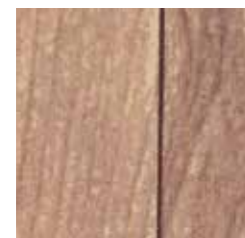
216 - 4



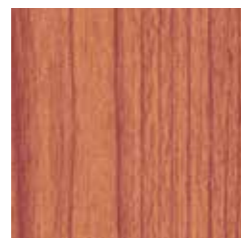
335 - 52



417 - 61



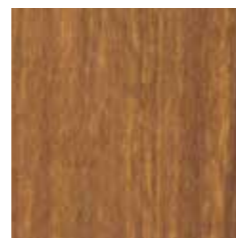
335 - 32



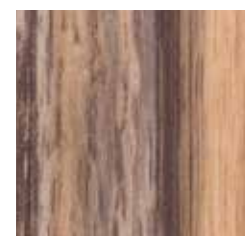
410 - 4



332 - 60



335 - 49



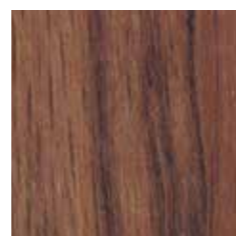
347 - 52



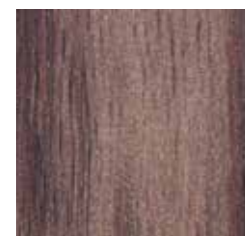
347 - 60



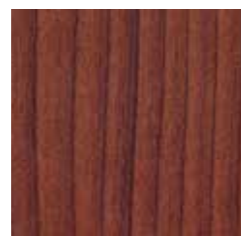
417 - 60



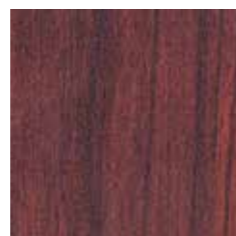
347 - 35



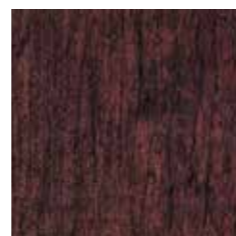
347 - 58



410 - 60



410 - 35

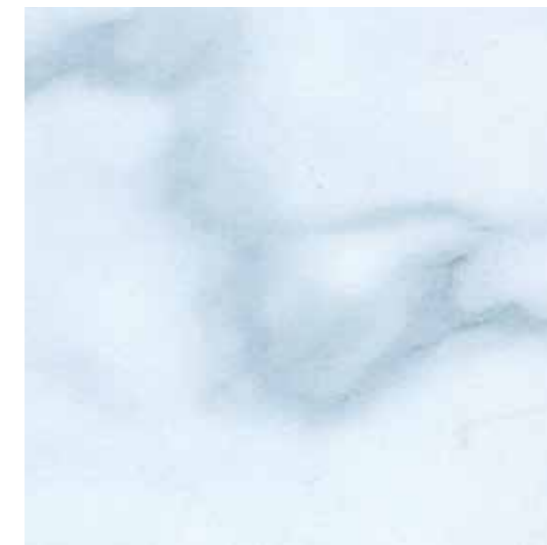


417 - 91

Printed shades may appear slightly different from actual samples.

Gamma®

Heterogeneous Semi Contract



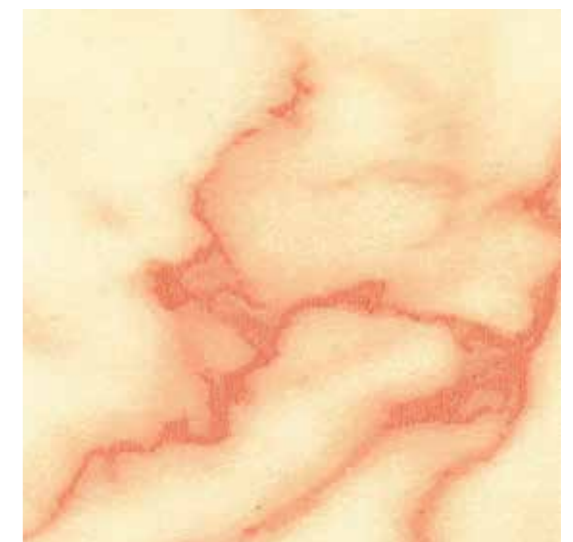
118 - 2



118 - 11



118 - 15



118 - 4

Printed shades may appear slightly different from actual samples.



Special Features



Applications

- Bedrooms
- Living rooms
- Media rooms
- Waiting rooms
- Kitchens
- Canteens

Product Description

Crush® is a multi-layered vinyl floor covering, 1.20 mm thick with a 0.10 mm thick wear layer, available in sheets 2.00 m wide. The product comprises a compacted under layer reinforced with a glass fibre grid and a printed all-over design that is protected by a transparent wear layer

Crush® is compact, heavy duty and durable. The flooring is anti-bacterial and anti-fungal, has a group T wear rating and is suitable for medium traffic areas.

Technical Specifications

For complete Technical testing information refer to PAGE 86.



Warmth in Winter

With a non-woven fabric base, our flooring reduces the impact of the cold floor in the harshest of winters.



361 - 32



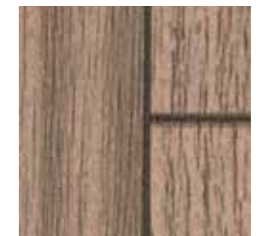
332 - 2001



363 - 52



335 - 32



300 - 52



336 - 4



336 - 15



366 - 15



332 - 2008



361 - 52



332 - 60



332 - 606



338 - 9



361 - 4



347 - 60



332 - 2002



Special Features



Applications

- Bedrooms
- Living rooms
- Media rooms
- Waiting rooms
- Kitchens
- Canteens

Product Description

Superior® is a multi-layered vinyl floor covering, 1.00 mm thick with a 0.10 mm thick wear layer, available in sheets 2.00 m wide. The product comprises a compacted under layer reinforced with a glass fibre grid and a printed all-over design that is protected by a transparent wear layer.

Superior® is compact, heavy duty and durable. The flooring is anti-bacterial and anti-fungal, has a group T wear rating and is suitable for medium traffic areas.

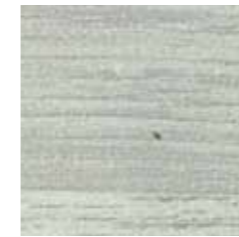
Technical Specifications

For complete Technical testing information refer to PAGE 88.



Economical Luxury

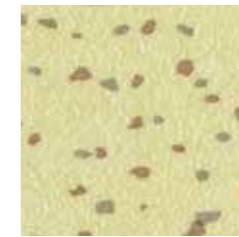
With exquisite wood designs, our 1.00mm flooring brings out the beauty of your home in a budget to your liking.



SPR - 01



SPR - 09



SPR - 12



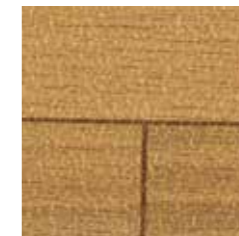
SPR - 19



SPR - 14



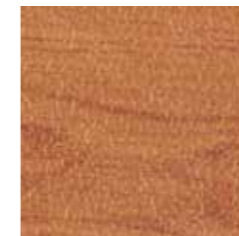
SPR - 07



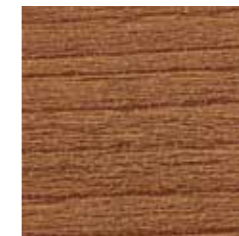
SPR - 08



SPR - 10



SPR - 11



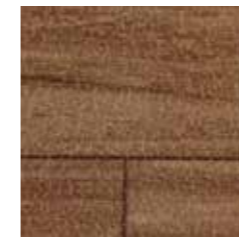
SPR - 17



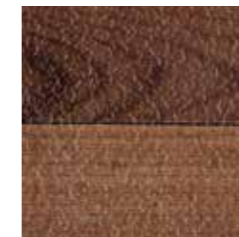
SPR - 18



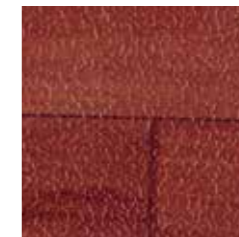
SPR - 02



SPR - 05



SPR - 04



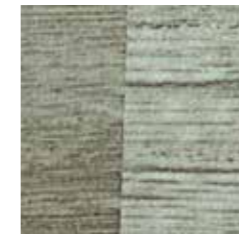
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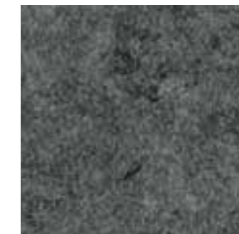
SPR - 16



SPR - 13



SPR - 03



SPR - 15

GOLD STRIP®



Special Features



Applications

- Houses
- Apartments
- Bars and Lounges
- Coffee Shops
- Offices
- Boutiques and Stores
- Leisure Centres

Product Description

Gold Strip® is a multi-layered vinyl wood plank, 2.00 mm thick. The product comprises a vinyl back layer, a printed wood design that is protected by a transparent wood grain embossed wear layer.

Gold Strip® has anti-static properties, Group T abrasion rating and is VOC compliant and Floorscore certified. It is processed with an easy clean PUR surface treatment that reduces maintenance by delaying wax and polish operations and by acting as a barrier against stains and chemical aggression. It complies with the EN 649 norm (33-42).

Technical Specifications

For complete Technical testing information refer to PAGE 89.

Gold Strip®

Vinyl Wood Planks



Better than Wood

Our vinyl planks look just like wood, and offer better features. Easy to install, clean and maintain, with higher scratch and abrasion resistance, the floor will amaze those who see it and walk on it.



GS - 601



GS - 702



GS - 703



GS - 705



GS - 706



GS - 710



GS - 707



GS - 708

Printed shades may appear slightly different from actual samples.



ULTRA STRONG®

Special Features



Applications

- Bedrooms
- Living rooms
- Media rooms
- Waiting rooms
- Kitchens
- Canteens

Product Description

Ultra Strong® is a multi-layered vinyl wood plank, 1.50 mm thick. The product comprises a vinyl back layer, a printed wood design that is protected by a transparent wood grain embossed wear layer.

Ultra Strong® has anti-static properties, Group T abrasion rating and is VOC compliant and Floorscore certified. It is processed with an easy clean PUR surface treatment that reduces maintenance by delaying wax and polish operations and by acting as a barrier against stains and chemical aggression. It complies with the EN 649 norm (33-42).

Technical Specifications

For complete Technical testing information refer to PAGE 89.

Ultra Strong®

Vinyl Wood Planks



Embrace Nature

Ultra Strong® Vinyl Planks offer shades which bring a welcoming look that is stylish and unique. It gives a natural touch to the decor when installed in residential, retail, restaurants and hotels. Ultra Strong® is highly suitable for rooms and corridors in hotels as it is easy to maintain and gives a refined and cosy feel of a beautifully kept home.



US - 158

White Oak



US - 151

Ash Tree



US - 152

Natural Oak



US - 153

Forest Maple



US - 154

Brazil Jatoba



US - 156

Bur Oak



US - 155

Apple Tree



US - 157

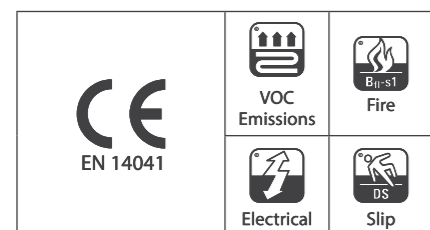
Carya Hickory

Printed shades may appear slightly different from actual samples.

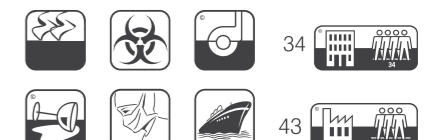
HOMOGENEOUS

Phthalate Free

Characteristics	Standards	Units	Pinnacle RQ®	Vega Super RQ®	Cosmo RQ®
Phthalate Free			Yes	Yes	Available on Request
Indoor Air Quality	CA Section 01350 ($\leq 0.5 \text{ mg / m}^3$)	Floorscore Certified (SCS - FS - 04547)	Yes	Yes	Yes
	ISO 16000-6, TVOC after 28 days	$\mu\text{g/m}^3$	< 10 (Fully compliant)	< 10 (Fully compliant)	< 10 (Fully compliant)
Description					
Type of floor covering	ISO 10581	Type 1 - Binder Content	Homogeneous vinyl flooring (Non - directional)	Homogeneous vinyl flooring (Directional)	Homogeneous Vinyl Flooring (Uni-color)
General performance	ISO 10874 - EN 685	Classification	34: Very Heavy Commercial 43: Heavy Light Industrial	34: Very Heavy Commercial 43: Heavy Light Industrial	34: Very Heavy Commercial 43: Heavy Light Industrial
Usage / Wear Resistance	BS EN 649	Group T	Heavy foot traffic / Heavy duty	Heavy foot traffic / Heavy duty	Heavy foot traffic / Heavy duty
Special treatment			RQ Protect : no wax no polish for life	RQ Protect: no wax no polish for life	RQ Protect: no wax no polish for life
Overall thickness	ISO 24346 - EN 428	mm	2.00	2.00 3.00	2.00 3.00
Thickness of wear layer	ISO 24340 - EN 429, ASTM F410	mm	2.00	2.00 3.00	2.00 3.00
Weight	ISO 23997 - EN 430	g/m^2	2850	2950 4500	3150 4725
Sheet size	ISO 24341 - EN 426	m (width)	2	2 2	2 2
		m (length)	15	20 15	20 15
		m^2 (surface area)	30	40 30	40 30
Tile Size	ISO 24342	cm x cm (length x width)	30 x 30cm 50 x 50cm 61 x 61cm	30 x 30cm 50 x 50cm 61 x 61cm	30 x 30cm 50 x 50cm 61 x 61cm
Abrasion resistance	EN 660 - 2	Group	T	T	T
	EN 660 -2	Volume loss mm^3	< 2	< 2	<2
	ASTM D3389 (weight loss / 1000 cycles)	g	< 0.40	< 0.40	< 0.40
Castor chair test	ISO 4918 - EN 425	Type of use	Continuous	Continuous	Continuous
Slip resistance	DIN 51130	Ramp Test	R 10	R 10	R 10
	EN 13893 ASTM D2047	Coefficient of friction	DS (> 0.30) Pass (0.70 avg)	DS (> 0.30) Pass (0.70 avg)	DS (> 0.30) Pass (0.70 avg)
Dimensional stability	ISO 23999 - EN 434	%	≤ 0.40	≤ 0.40	≤ 0.40
Flexibility	ISO 24344 - EN 435	20mm mandrel	No Cracking	No Cracking	No Cracking
	ASTM F137		Pass	Pass	Pass
Seam Strength	ISO 16906	N/50mm	Pass	Pass	Pass
Residual indentation	ISO 24343 - 1 - EN 433	mm	≤ 0.10	≤ 0.10	≤ 0.10
	ASTM F970	psi	800	800	800
	ASTM F1914	inches	Avg. 0.001	Avg. 0.001	Avg. 0.001
Colour fastness to light	EN ISO 105 - B02	Degrees	≥ 6	≥ 6	≥ 6
	ASTM F1515	$\Delta E \leq 800$ after 300 hours (colour change)	Pass	Pass	Pass
Static electrical propensity	EN 1815	kV	< 2.0	< 2.0	< 2.0
Thermal resistance	EN 12667	$\text{m}^2 \text{ k/W}$	Approx 0.01 $\text{m}^2\text{k/W}$ (suitable at 27°C)	Approx 0.01 $\text{m}^2\text{k/W}$ (suitable at 27°C)	Approx 0.01 $\text{m}^2\text{k/W}$ (suitable at 27°C)
Heat Stability	ASTM 1514	$\Delta E \leq 0.80$ (colour change)	Pass	Pass	Pass
Reaction to fire	EN ISO 9239-1	kW/m^2	≥ 8	≥ 8	≥ 8
	EN ISO 11925-2		Pass	Pass	Pass
	EN 13501-1 : 2007+A1	Class	Bfl - S1	Bfl - S1	Bfl - S1
	ASTM E 648	Type	1	1	1
Smoke density	ASTM E 662	Dm	< 450 (Pass)	< 450 (Pass)	< 450 (Pass)
Stain & chemical resistance	ISO 26987 - EN 423	Index	0 (Excellent resistance)	0 (Excellent resistance)	0 (Excellent resistance)
	ASTM F925	Resistance	Pass	Pass	Pass
Fungi & bacteria resistance	ISO 846 A, C		Does not favour growth	Does not favour growth	Does not favour growth
Maritime usage	IMO RES A 653 (16)		Annex 1 Part 2 (Smoke & Toxicity)	Annex 1 Part 2 (Smoke & Toxicity)	Annex 1 Part 2 (Smoke & Toxicity)
	IMO MSC 61 (67)		Part 5 (Spread of Flame) and Annexure 2	Part 5 (Spread of Flame) and Annexure 2	Part 5 (Spread of Flame) and Annexure 2
	Marine Equipment Directive		1121	1121	1121



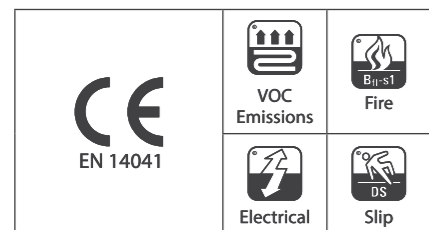
CERTIFIED BY SCS Global Services



SAFETY VINYL

Phthalate Free

Characteristics	Standards	Units	Canopus Platinum®	Canopus Plus®	Canopus®
Phthalate Free			Yes	Yes	Yes
Indoor Air Quality	CA Section 01350 (≤ 0.5 mg / m ³)	Floorscore Certified (SCS - FS - 04547)	Yes	Yes	Yes
	ISO 16000-6, TVOC after 28 days	µg/m ³	< 10 (Fully compliant)	< 10 (Fully compliant)	< 10 (Fully compliant)
Description					
Type of floor covering	EN 13845 EN 13553	Classification	Safety Vinyl Flooring	Safety Vinyl Flooring	Safety Vinyl Flooring
General Performance	ISO 10874 - EN 685		34: Very Heavy Commercial 43: Heavy Light Industrial	34: Very Heavy Commercial 43: Heavy Light Industrial	34: Very Heavy Commercial 43: Heavy Light Industrial
Usage / Wear Resistance	BS EN 649	Group	T (≤ 2 mm ³)	T (≤ 2 mm ³)	T (≤ 2 mm ³)
Special Treatment			Anti-slip surface with silicon carbide granules, SureClean™	Anti-slip surface with silicon carbide granules, SureClean™	Anti-slip surface with silicon carbide granules, SureClean™
Overall Thickness	ISO 24346 - EN 428	mm	2.00	2.00	2.00
Weight	ISO 23997 - EN 430	g/m ²	3200	3400	3400
Sheet Size	ISO 24341 - EN 426	m (width)	2	2	2
		m (length)	20	20	20
		m ² (surface area)	40	40	40
Castor chair test	ISO 4918 - EN 425	Type of use	Continuous	Continuous	Continuous
Slip resistance	EN 13845	Wear Resistance Rating	ESf & ESb (≤ 10% particles lost over 50,000 cycles)	ESf & ESb (≤ 10% particles lost over 50,000 cycles)	ESf & ESb (≤ 10% particles lost over 50,000 cycles)
	DIN 51130	Ramp Test	R 10	R 11	R 11
	BS 7976 - 2	Wet Pendulum Test	36+ (Low Slip Potential)	36+ (Low Slip Potential)	36+ (Low Slip Potential)
	AS 4586 - 2013 Appenix A	Coefficient of friction	P4	P4	P4
	EN 13893 ASTM D2047		DS (< 0.30) Pass (0.70 Avg)	DS (< 0.30) Pass (0.70 Avg)	DS (< 0.30) Pass (0.70 Avg)
Dimensional stability	ISO 23999 - EN 434	%	≤ 0.40	≤ 0.40	≤ 0.40
Flexibility	ISO 24344 - EN 435	20mm mandrel	< 20	< 20	< 20
Seam Strength	ISO 16906	N/50mm	Pass	Pass	Pass
Residual indentation	ISO 24343 - 1 - EN 433	mm	≤ 0.10	≤ 0.10	≤ 0.10
	ASTM F970	psi	800	800	800
Colour fastness to light	EN ISO 105 - B02	Degrees	≥ 6	≥ 6	≥ 6
	ASTM F1515	ΔE ≤ 800 after 300 hours (colour change)	Pass	Pass	Pass
Static electrical propensity	EN 1815	kV	< 2.0	< 2.0	< 2.0
Thermal resistance	EN 12667	m ² k/W	Approx 0.01m ² k/W (suitable at 27°C)	Approx 0.01m ² k/W (suitable at 27°C)	Approx 0.01m ² k/W (suitable at 27°C)
Heat Stability	ASTM 1514	ΔE ≤ 0.80 (colour change)	Pass	Pass	Pass
Reaction to fire	EN ISO 9239-1	kW/m ²	≥ 8	≥ 8	≥ 8
	EN ISO 11925-2		Pass	Pass	Pass
	EN 13501-1 : 2007+A1	Class	Bfl - S1	Bfl - S1	Bfl - S1
	ASTM E 648	Type	1	1	1
Smoke density	ASTM E 662	Dm	< 450	< 450	< 450
Stain & chemical resistance	ISO 26987 - EN 423	Index	0 (Excellent resistance)	0 (Excellent resistance)	0 (Excellent resistance)
Maritime usage	IMO RES A 653 (16)		Annex 1 Part 2 (Smoke & Toxicity)	Annex 1 Part 2 (Smoke & Toxicity)	Annex 1 Part 2 (Smoke & Toxicity)
	IMO MSC 61 (67)		Part 5 (Spread of Flame) and Annexure 2	Part 5 (Spread of Flame) and Annexure 2	Part 5 (Spread of Flame) and Annexure 2
	Marine Equipment Directive		1121 ⚙️	1121 ⚙️	1121 ⚙️



HETEROGENEOUS CONTRACT SHEET

Phthalate Free

Characteristics	Standards	Units	Wood Essence RQ® Karma RQ® Pebble RQ® Aura RQ®		
Phthalate Free			Yes (2.00mm only)		
Indoor Air Quality	CA Section 01350 (≤ 0.5 mg / m³)	Floorscore Certified (SCS - FS - 04547)	Yes		
	ISO 16000-6, TVOC after 28 days	µg/m³	< 10 (Fully Compliant)		
Description					
Type of floor covering	ISO 10582	Type 1 - Binder Content	Resilient Heterogeneous Floor Covering Class : 1		
General performance	ISO 10874 - EN 685	Classification	34: Very Heavy Commercial 43: Heavy Light Industrial		
Usage / Wear Resistance	BS EN 649	Group	Heavy Duty		
Special treatment			RQ Protect : Glass fibre grid reinforcement		
Overall thickness	ISO 24346 - EN 428	mm	2.00*	1.6	1.3
Thickness of wear layer	ISO 24340 - EN 429	mm	0.7	0.2	0.15
Weight	ISO 23997 - EN 430	g/m²	3400	2720	2210
Sheet size	ISO 24341 - EN 426	m (width)	2		
		m (length)	20		
		m² (surface area)	40		
Abrasion resistance	EN 660 - 2	Group	T (volume loss < 2mm³)		
	ASTM D3389 (weight loss / 1000 cycles)	g	< 0.40		
Castor chair test	ISO 4918 - EN 425	Type of use	Continuous		
Slip resistance	DIN 51130	Ramp Test	R 10		
	EN 13893 ASTM D2047	Coefficient of friction	DS (> 0.30) Pass (0.70 avg)		
Dimensional stability	ISO 23999 - EN 434	%	≤ 0.40		
Flexibility	ISO 24344 - EN 435	20mm mandrel	No cracking		
	ASTM F137		Pass		
Seam strength	ISO 16906	N/50mm	Pass		
Residual indentation	ISO 24343 - 1 - EN 433	mm	≤ 0.10		
	ASTM F970	psi	800		
	ASTM F1914	inches	Avg. 0.001		
Colour fastness to light	EN ISO 105 - B02	Degrees	≥ 6		
	ASTM F1515	ΔE ≤ 8 after 300 h (colour change)	Pass		
Static electrical propensity	EN 1815	kV	< 2 kV on concrete		
Thermal resistance	EN 12667	m² k/w	Approx 0.01m² k/W (suitable at 27° C)		
Heat stability	ASTM 1514	ΔE ≤ 0.80 (colour change)	Pass		
Reaction to fire	EN ISO 9239-1	kW/m²	≥ 8		
	EN ISO 11925-2		Pass		
	EN 13501-1 : 2007+A1	Class	Bfl - S1		
	ASTM E 648	Type	1		
Smoke density	ASTM E 662	Dm	< 450		
Stain & chemical resistance	ISO 26987	Index	0 (Excellent resistance)		
	ASTM F925	Resistance	Pass		
Maritime usage	IMO RES A 653 (16)		Annex 1 Part 2 (Smoke & Toxicity)		
	IMO MSC 61 (67)		Part 5 (Spread of Flame) and Annexure 2		
	Marine Equipment Directive		1121		



ACOUSTIC CONTRACT & RESIDENTIAL

Characteristics	Standards	Units	Wood Essence RQ® Karma RQ® Pebble RQ® Aura RQ®	Endura Super®
Classification	EN 651	PVC Flooring with Foam Backing	Commercial Acoustic Sheet Vinyl: Class 1	Residential Acoustic Sheet Vinyl: Class 1
Indoor Air Quality	CA Section 01350 (≤ 0.5 mg / m³)	Floorscore Certified (SCS - FS - 04547)	Yes	Yes
	ISO 16000-6, TVOC after 28 days	µg/m³	< 10 (Fully Compliant)	< 10 (Fully Compliant)
Description				
General performance	ISO 10874 - EN 685	Classification	34: Very Heavy Commercial 43: Heavy Light Industrial	21 : D. Moderate 22 : D. General
Special Treatment			RQ Protect : Foam Cushion Layer	PUR: Foam Cushion Layer
Overall thickness	ISO 24346 - EN 428	mm	3.2	2.5
Thickness of wear layer	ISO 24340 - EN 429	mm	0.7	0.20
Weight	ISO 23997 - EN 430	g/m²	3500 ± 100	3100 ± 100
Sheet size	ISO 24341 - EN 426	m (width)	2	2
		m (length)	15	20
		m² (surface area)	30	40
Impact Sound	EN ISO 717/2	dB	≥ 19dB	12 - 14dB
Abrasion resistance	EN 660 - 2	Group	T (volume loss < 2mm³)	T (volume loss < 2mm³)
	ASTM D3389 (weight loss / 1000 cycles)	g	< 0.40	< 0.4
Castor chair test	ISO 4918 - EN 425	Type of use	Continuous	Continuous
Slip resistance	DIN 51130		R9	R9
	EN 13893 ASTM D2047	Coefficient of friction	DS (> 0.30) Pass (0.70 avg)	DS (> 0.30) Pass (0.70 avg)
Dimensional stability	ISO 23999	mm	≤ 0.40	≤ 0.40
Flexibility	ISO 24344	20mm mandrel	No cracking	No cracking
Seam Strength	ISO 16906	N/50mm	Pass	Pass
Residual indentation	ISO 24343 - 1	mm	≤ 0.40	≤ 0.35
Colour fastness to light	EN ISO 105 - B02	Degrees	≥ 6	≥ 6
	ASTM F1515	ΔE ≤ 800 after 300 h (colour change)	Pass	Pass
Heat stability	ASTM 1514	ΔE ≤ 0.80 (colour change)	Pass	Pass
Reaction to fire	EN 13501-1 : 2007+A1	Class	Cfl - S1	Cfl - S1
Stain & chemical resistance	ISO 26987	Index	0 (Excellent resistance)	0 (Excellent resistance)
	ASTM F925	Resistance	Pass	Pass



SPORTS FLOORING

Sports Flooring	Characteristics	Standards	Units	Active®	Polaris Punch® & Polaris Footwork®	
	Indoor Air Quality	CA Section 01350 (≤ 0.5 mg / m³)	Floorscore Certified (SCS - FS - 04547)	Yes	Yes	
Product Classification	PVC Sports Flooring		Class	EN 651 23 : Domestic Heavy 31 : Com. Moderate	EN 14904 Sports Flooring (Heavy Duty)	
Description	Thickness	EN 428	mm	4.50	6.50	8.00
	Weight	EN 430	g/m²	4100 ± 100	5700 ± 100	8800 ± 100
	Width	EN 426	mtrs	1.50	1.50	1.50
	Standard roll length	EN 426	m	15	15	10
	Maximum roll length	EN 426	m	25	20	15
Classification	Impact sound insulation	EN ISO 717-2 EN ISO 140-8	ΔLw = dB	20 - 22	21 - 23	22 - 24
	Thermal resistance		m²k/W	0.04 - 0.06	0.06 - 0.08	0.08 - 0.10
	Flammability	EN 13501-1	Class	Cfl - S1	Cfl - S1	
Sports Properties	Rotational friction	EN 13036-4		80 - 110	80 - 110	
	Shock absorption	DIN 18032	%	22 - 24	30 - 32	34 - 36
		EN 14808		19 - 21%	P1 ≥ 25% 26 - 28	P1 ≥ 25% 30 - 32
	Vertical deformation	EN 14809	mm	0.7 - 0.9	P1 ≤ 2mm 1 - 1.10mm	
	Ball rebound	EN 12235	%	97 - 99	98 - 100	99 - 100
	Specular gloss	EN 2813		≤ 30	≤ 30	
Technical Characteristics	Dimensional stability	EN 434	%	+/- 0.40	+/- 0.40	
	Indentation resistance	EN 1516	mm	≤ 0.5	≤ 0.5	
	Resistance to rolling load	En 1569	N	1500	1500	
	Colour fastness	ISO 105-B02		6	6	
	Resistance to chemicals	EN 423	Benzine, 50% ethanol, 5% fatty alcohol sulfate, 5% acetic acid	No change	No change	
	Abrasion resistance (H 18 wheel)	EN ISO 5470-1	≤ 1000 mg / 1000 cycles	< 250	< 250	
	Abrasion group	EN 660-2	Group	T	T	



ANTI-STATIC FLOORING

Characteristics	Standards	Units	Electra®
Indoor Air Quality	CA Section 01350 (≤ 0.5 mg / m³)	Floorscore Certified (SCS - FS - 04547)	Yes
	ISO 16000-6, TVOC after 28 days	µg/m³	< 10 (Fully compliant)
Classification	EN 649	Group P	Anti-Static Vinyl Flooring
General performance	ISO 10874 - EN 685	Classificaion	34: Very Heavy Commercial 43: Heavy Light Industrial
Overall thickness	ISO 24346 - EN 428	mm	2.00mm
Thickness of wear layer	ISO 24340 - EN 429, ASTM F410	mm	1.00mm
Weight	ISO 23997 - EN 430	g/m²	3200
Sheet size	ISO 24341 - EN 426	m (width)	2
		m (length)	15
		m² (surface area)	30
Tile Size	ISO 24342	mm x mm	300 x 300 500 x 500 610 x 610
Abrasion resistance	EN 660 - 2	Group	P
	EN 660 - 2	Volume loss mm³	<4
Castor chair test	ISO 4918 - EN 425	Type of use	Continuous
Slip resistance	DIN 51130	Ramp Test	R9
Dimensional stability	ISO 23999 - EN 434	%	≤ 0.40
Flexibility	ISO 24344 - EN 435	20mm mandrel	No cracking
Residual indentation	ISO 24343 - 1 - EN 433	mm	≤ 0.10
Colour fastness to light	EN ISO 105 - B02	Degrees	≥ 6
	ASTM F1515	ΔE ≤ 800 after 300 hours (colour change)	Pass
Static electrical propensity	EN 1815	kV	< 2.0
Electrical resistance	EN 1081	Ω	< 10⁹ (Anti-static)
Heat Stability	ASTM 1514	ΔE ≤ 0.80 (colour change)	Pass
Reaction to fire	EN 13501-1 : 2007+A1	Class	Bfl-S1
	ASTM E 648	Type	1
Smoke density	ASTM E 662	Dm	< 450



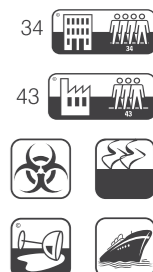
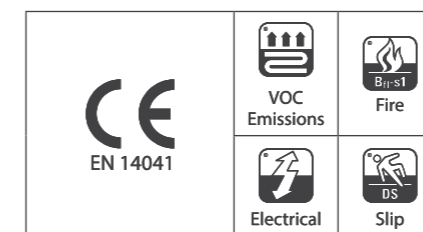
VINYL WALL COVERING

Characteristics	Standards	Units	Capilla®
Indoor Air Quality	CA Section 01350 (≤ 0.5 mg / m ³)	Floorscore Certified (SCS - FS - 04547)	Yes
Description			
Type of wall covering	EN 15102	Classification Norm	Vinyl Wall Covering
Special treatment			PUR
Overall thickness	ISO 24346 - EN 428	mm	1.00
Thickness of wear layer	ISO 24340 - EN 429, ASTM F410	mm	1.00
Weight	ISO 23997 - EN 430	g/m ²	2000
Sheet size	ISO 24341 - EN 426	m (width)	2
		m (length)	20
		m ² (surface area)	40
Dimensional stability	ISO 23999 - EN 434	%	≤ 0.40
Flexibility	ISO 24344 - EN 435	20mm mandrel	< 20
	ASTM F137		Pass
Seam Strength	ISO 16906	N/50mm	Pass
Residual indentation	ISO 24343 - 1 - EN 433	mm	≤ 0.10
Colour fastness to light	EN ISO 105 - B02	Degrees	≥ 6
	ASTM F1515	ΔE ≤ 800 after 300 hours (colour change)	Pass
Heat Stability	ASTM 1514	ΔE ≤ 0.80 (colour change)	Pass
Reaction to fire	EN 13501-1 : 2007+A1	Class	Bfl - S1
	ASTM E 648	Type	1
Smoke density	ASTM E 662	Dm	< 450
Stain & chemical resistance	ISO 26987 - EN 423	Index	0 (Excellent resistance)
	ASTM F925	Resistance	Pass
Fungi & bacteria resistance	ISO 846 A, C		Does not favour growth



ANTI-SLIP STUD VINYL

Characteristics	Standards	Units	Regor®	
Indoor Air Quality	CA Section 01350 (≤ 0.5 mg / m ³)	Floorscore Certified (SCS - FS - 04547)	Yes	
Description				
Type of floor covering	EN 13845 EN 13553	Classification	Stud Vinyl : Super Anti-Slip	
General performance	BS EN ISO 10874		34: Very Heavy Commercial 43: Heavy Light Industrial	
Usage / Wear resistance	BS EN 649	Group	P (≤ 4 mm ³)	
Special Treatment			Easy Maintenance	
Overall thickness	ISO 24346 - EN 428	mm	1.50	2.00
Weight	ISO 23997 - EN 430	g/m ²	2750	3500
Sheet size	ISO 24341 - EN 426	m (width)	2	
		m (length)	15 / 20	
		m ² (surface area)	30 / 40	
Tile Size	EN 427	cm x cm (length x width)	30 x 30 50 x 50 61 x 61	
Castor chair test	ISO 4918 - EN 425	Type of use	Continuous	
Slip resistance	DIN 51130	Ramp Test	R12	
	EN 13893 ASTM D2047	Coefficient of friction	DS (> 0.30) Pass (0.70 avg)	
Dimensional stability	ISO 23999	%	≤ 0.40	
Flexibility	ISO 24344	20mm mandrel	No cracking	
Seam Strength	ISO 16906	N/50mm	Pass	
Residual indentation	ISO 24343 - 1 - EN 433	mm	≤ 0.10	
	ASTM F970	psi	800	
Colour fastness to light	EN ISO 105 - B02	Degrees	≥ 6	
	ASTM F1515	ΔE ≤ 800 after 300 h (colour change)	Pass	
Static electrical propensity	EN1815	kV	< 2.0	
Thermal resistance	EN 12667	m ² k/W	Approx 0.01m ² k/W (suitable at 27°C)	
Heat Stability	ASTM 1514	ΔE ≤ 0.80 (colour change)	Pass	
Reaction to fire	EN ISO 9239-1	kW/m ²	≥ 8	
	EN ISO 11925-2		Pass	
	EN 13501-1 : 2007+A1	Class	Bfl - S1	
	ASTM E 648	Type	1	
Smoke density	ASTM E 662	Dm	< 450	

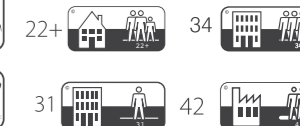
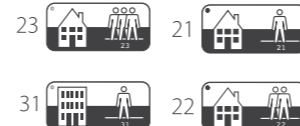
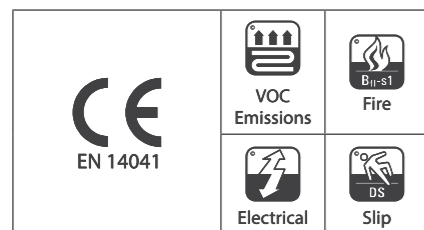


HETEROGENEOUS SEMI CONTRACT






































Characteristics	Standards	Units	Gamma®	Crush®	Superior®
Indoor Air Quality	CA Section 01350 (≤ 0.5 mg / m³)	Floorscore Certified (SCS - FS - 04547)	Yes	Yes	Yes
Description					
Type of floor covering	EN ISO 10582	Type 1 - Binder Content	Heterogeneous Semi Contract	Heterogeneous Semi Contract with Fabric Backing	Heterogeneous Semi Contract
General performance	EN ISO 10874 - EN 685	Classification	23 : Domestic Heavy 31 : Com. Moderate	21 : Moderate / Light 22 : General / Medium	21 : Moderate / Light
Special Treatment			PU Treatment	PU Treatment	PU Treatment
Overall thickness	ISO 24346 - EN 428	mm	1.30	1.20	1.00
Thickness of wear layer	ISO 24340 - EN 429 ASTM F410	mm	0.15	0.10	0.10
Weight	ISO 23997 - EN 430	g/m²	2280 ± 50	1900 ± 50	1600 ± 50
Sheet size	ISO 24341 - EN 426	m (Width)	2m	2	2
		l (length)	20m	20	20
		m² (surface area)	40m²	40m²	40m²
Abrasion resistance	EN 660 - 2	Group	T (Volume loss < 2mm³)	T (Volume loss < 2mm³)	T (Volume loss < 2mm³)
Castor chair test	ISO 4918 - EN 425	Type of use	Continuous	Continuous	Continuous
Slip resistance	DIN 51130	Ramp test	R9	R9	R9
Dimensional stability	ISO 23999 - EN 434	%	≤ 0.40	+/- 0.40	+/- 0.40
Flexibility	ISO 24344 - EN 435	20mm mandrel	No cracking	No cracking	No cracking
Residual indentation	ISO 24343 - 1 - EN 433	mm	≤ 0.10	≤ 0.10	≤ 0.10
Colour fastness to light	EN ISO 105 B02	Degrees	≥ 6	≥ 6	≥ 6
Static electrical propensity	EN 1815	kV	< 2.0	< 2.0	< 2.0
Reaction to fire	EN ISO 13501 - 1	Class	Bfl - S1	Cfl - S1	Bfl - S1


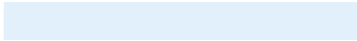
























VINYL WOOD PLANKS

Characteristics	Standards	Units	Gold Strip®	Ultra Strong®
Indoor Air Quality	CA Section 01350 (≤ 0.5 mg / m³)	Floorscore Certified (SCS - FS - 04547)	Yes	Yes
Description				
Type of floor covering	BS EN ISO 10582	Type 1 - Binder Content	Vinyl Wood Planks	Vinyl Wood Planks
General performance	BS EN ISO 10874 - EN 685	Classification	34 : Very Heavy Com. 42 : Industrial	22+ : General Domestic 31 : Moderate Commercial
Special Treatment			PUR	PUR
Overall thickness	ISO 24346 - EN 428	mm	2.00mm	1.50mm
Thickness of wear layer	ISO 24340 - EN 429, ASTM F410	mm	0.20mm	0.15mm
Weight	ISO 23997 - EN 430	g/m²	3400 ± 50	2700 ± 50
Tile Size	ISO 24342	mm xmm	6" x 36"	6" x 36"
Abrasion resistance	EN 660 - 2	Group	T (Volume loss < 2mm³)	T (Volume loss < 2mm³)
Castor chair test	ISO 4918 - EN 425	Type of use	Continuous	Continuous
Slip resistance	DIN 51130	Ramp Test	R9	R9
Dimensional stability	ISO 23999 - EN 434	%	< 0.25	≤ 0.25
Residual indentation	ISO 24343 - 1 - EN 433	mm	≤ 0.10	< 0.10
Colour fastness to light	EN ISO 105 - B02	Degrees	≥ 6	≥ 6
Static electrical propensity	EN ISO 1815	kV	≤ 2 kV on concrete	≤ 2 kV on concrete
Reaction to fire	EN 13501 - 1 : 2007+A1	Class	Bfl - S1	Bfl - S1



WELDING ROD COLOURS

	WR-4699-571-4		WR 4699-581-4
	WR-1968-yellow		WR 4699-584-4
	WR 4419-502-4		WR 5329-524-4
	Rapid 7001-4		WR 2349-755-4
	WR 1369-151-4		Rapid 7009-4
	WR 2349-751-4		WR 5329-508-4
	WR 1369-153-4		WR 1968-384-4
	WR 2349-751-4		
	WR 1968-382-4		WR 2349-758-4
	WR 1968-381-4		WR 4419-322-4
	WR 1369-154-4		WR 4419-503-4
	WR 4419-321-4		WR 1369-158-4
	WR 2349-753-4		WR 4699-575-4
	WR 1369-155-4		WR 2349-758-4
	WR 1968-387-4		WR 2349-762-4
	WR 1968-orange		WR 4419-324-4
	WR 4419-506-4		WR 4419-324-4
	WR 7379-141-4		WR 5329-505-4
	WR 2349-761-4		WR 1369-170-4

	WR 1968-CLEAR		WR 2349-759-4
	WR 3745-203-4		Rapid 7008-4
	WR 3745-209-4		WR 2349-757-4
	WR 6379-409-4		WR 3745-207-4
	WR 6379-404-4		WR 6379-405-4
	WR 1369-166-4		WR 4699-586-4
	WR 1369-167		WR 1968-386
	WR 6379-401-4		WR 2759-803-4
	WR 1968-green		WR 4699-576-4
	WR 6379-403-4		WR 3745-208-4
	WR 1369-164-4		WR 2349-756-4
	WR 4419-329-4		WR 6379-402-4
			WR 1968-388-4
			WR 5329-506-4

KEY TO FLOORING SYMBOLS

	Reaction to fire		Reaction to fire	R9	Slip rating
	Smoke density		Resistance to chemicals	R10	Slip rating
	Clean rooms		Maritime usage	R11	Slip rating
	Indentation-residual		Abrasion resistance to wheels	R12	Slip rating
	Accoustical impact noise reduction		Thickness of wear layer	CE	CE mark
	Staining resistance		Electrical behaviour vertical resistance		National Green Building Council
	Enhanced slip		Abrasion resistance		U.S. Green Building Council
	Castor chair continuous		Fungi and bacteria resistance		Flooring for ships
	Thermal conductivity		Flexibility		Flooring for train
	Light fastness		Electrical behaviour body voltage		Flooring for bus
	Reaction to fire		Total thickness		Flooring for airports
	Dimensional stability		Clean rooms		Tile
	Class 34 Commercial very heavy				Roll
	Class 43 Industrial heavy				Planks



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