

Education

Flooring
solutions for
educational
facilities





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Creating a better learning environment

Comfortable, clean and long-lasting floors contribute to better learning environments at all ages. From crawling toddlers in nurseries to university students spending late nights in libraries. At Tarkett, we have developed flooring solutions adapted to the design and functional requirements of classrooms, sports halls, laboratories and many other rooms in educational facilities. Because students represent the next generation, we are committed to developing sustainable solutions that meet the highest standards in accessibility, hygiene and indoor air quality.

Main requirements



INDOOR AIR QUALITY

CONTEXT: Indoor air is 2 to 5 times more polluted than outdoor air, contributing to the development of asthma and allergies, especially due to volatile organic compounds (VOCs). According to the World Health Organization, the number of cases of asthma has doubled in Western Europe in the past ten years*. Children are also more sensitive to indoor pollution when practicing sports.

SOLUTION: To ensure children learn in a benign setting, Tarkett's flooring products have minimal impact on air quality:

- No harmful components that have a direct effect on people's health
- The lowest VOC emissions from 10 to 100 below the levels required by ISO 16000 standard ($<1000 \mu\text{g}/\text{m}^3$)
- No toxic pollutants – strippers, wax or polish – required for maintenance

*source: WHO: Bronchial Asthma: Fact sheet n° 206 / Prevalence of Asthma and allergies in children: Fact Sheet n° 3.1



DURABILITY & RESISTANCE

CONTEXT: Stomping feet, scuffing and scratching from dirt and shoes, scraping and indentations from furniture in classrooms and the canteen: in education's busy environments, flooring really has to stand up to rough and unforgiving treatment.

SOLUTION: Minimize daily attacks and stresses, especially to abrasion and indentation, by using Tarkett's highly resistant flooring:

- iQ™: Homogeneous vinyl. Unique restoration properties: only with dry-buffing. No strip, no polish or wax ever needed
- TopClean XP™: Reinforced PU coating for heterogeneous vinyl to improve scratch and abrasion resistance
- xf2™: Linoleum with an extremely strong and tough surface. Highly resistant to abrasion and stains



ACOUSTIC COMFORT

CONTEXT: Classrooms can be noisy: a 30-student classroom generates an ambient noise level of 50 dB, requiring the teacher to speak at 65 dB to be fully understood*. Noise comes from the students themselves, but also from impacts to the floor – from classrooms overhead. It is therefore essential to minimize classroom noise using flooring solutions that favour learning.

SOLUTION: To reduce noise, and in accordance with building constraints, Tarkett offers a range of flooring solutions that:

- Reduce sound transmission from rooms above particularly important for classrooms (must be generally below 60 dB)
- Limit the noise made by footsteps and moving furniture in common areas such as hallways or cafeteria

*source: Dr. Paul McCarty and Jack Rollow's Study



ACCESSIBILITY

CONTEXT: An international directive requires that education buildings, as public buildings, must be accessible to impaired people (ISO 21542 standard for building conception). Visually impaired people in particular need help to avoid accidents and find their way.

SOLUTION: Flooring and accessories help to improve accessibility and guidance:

- Colour contrasts that respect a minimum 30 pts LRV difference improve visual cues
- Tactile guide strips indicate adapted routes to selected strategic destinations
- Tactile warning tiles indicate caution before lifts and stairs
- Signage, through our Floorcraft service assist orientation



HYGIENE, EASY CLEANING & LOW-COST MAINTENANCE

CONTEXT: 80% of dirt comes from outside, and 90% of micro-organisms are found in visible dirt*. For good hygiene, it's important to easily clean dirt and floor soiling. Not only that, but flooring maintenance represents 50-70% of a building's total maintenance budget whereas wall painting must be refreshed every 2 to 3 years. Facility managers require a solution for both that reduces their long-term costs.

SOLUTION: Tarkett strives to minimize your maintenance costs and make daily cleaning easier, especially in sensitive areas (nursery, canteen, wetrooms) where a high level of hygiene is required:

- Keep to a minimum the levels of dirt and moisture that are carried into the building with 3-step entrance mats
- Choose low-maintenance products that require no stripping, no wax or polish, and covings that make cleaning easier in sensitive areas
- Space out painting renovation using protection that resists scratches and is easily washed and cleaned

*source: WHO



SUSTAINABILITY COMMITMENT

CONTEXT: Sustainable building design is key to durable constructions that have minimal environmental impact, without compromising on quality of life. All building materials, including flooring, must meet specific norms to earn certification from one of the existing eco-building systems around the world (LEED (US), BREEAM (UK), HQE (France), etc.).

SOLUTION: Tarkett is a leader in environmentally responsible manufacturing and sustainable product development with our 4 key pillars:

- Use better materials: natural, renewable and recycled resources, Cradle to Cradle certification for Linoleum
- Use fewer resources: limit water, energy consumption and waste generation
- Create people-friendly spaces: lowest VOC emissions and phthalate-free technology
- Recycle program contributes to environmental protection



SLIP RESISTANCE

CONTEXT: Slipping can cause serious injuries, tallying up an annual cost of € 900 million in Europe*. People are most exposed to falls in wet areas, and their risk of slipping also depends on whether they are wearing shoes or not.

SOLUTION: A floor's degree of slip-resistance must be selected depending on:

- Whether people are wearing shoes or not, and then the respective standards (barefoot or wearfoot standard)
- Type of liquid spillage: water and/or viscous material (oil, grease...)

*source: INRS/NHS

VISUAL COMFORT

CONTEXT: Colour and light influence children's moods and students' behaviours. Whereas vivid colours excite, light colours will assist learning, and natural light favours the production of the cortisol hormone associated with concentration. An appropriate light reflection value (LRV) for walls and floors contributes to generating a comfortable level of light.

SOLUTION: To create a suitable visual environment with Tarkett, you can:

- Combine a large choice of materials and designs, using appropriate colours and contrast
- Customize & show your identity with our Floorcraft service
- Increase the impression of light in a room with the appropriate flooring LRV
- Create a seamless finish thanks to multi-colour welding rods



SPORTS FLOORING

CONTEXT: There are standard requirements for sports flooring, as outlined in EN 14904, to provide a safe and effective surface. Various criteria impact the choice for the appropriate solution: shock absorbency must be adapted to practisers' profile, while a sports hall used as an exam hall or for parties requires higher scratch and indentation protection.

SOLUTION: Tarkett offers a wide range of sports floorings, with wood, vinyl or linoleum surfaces to choose:

- Sports performance adapted to practiser's profile
- Surface resistance adapted to multi-use purpose
- Better indoor air quality solution and lower maintenance costs
- A solution for easy installation and renovation

A solution
for every
space





RECEPTION & COMMON AREAS

Reception and common areas for schools and universities should be clean, welcoming, and immediately showcase your school's identity to visitors. A well-conceived floor layout also helps students and staff find their way around the building. Our floors are designed to do just that, while lasting for decades and appearing as new as the first day they were installed. In addition, our durable floors are resistant to heavy traffic and are easy to clean, to help save on cleaning and maintenance budgets.

DE NIEUWE HAVO, Amsterdam, Netherlands, LVT iD Inspiration

TARKETT RECOMMENDATION	Acczent Excellence 80 & Acczent Platinum 100	Ruby 70 & Meteor 70	Spark & Stella	iQ Collections (Megalit, Optima, Granit, Natural, Eminent)	iD Square & iD Inspiration Loose-lay	iD Mixonomi	iD Inspiration 70/55 & 70/55 Plus	iD Supernature & Tattoo	iD Click Ultimate	Tactile guide strips & Floorcraft
Product type	Heterogeneous compact vinyl	Heterogeneous compact vinyl	Heterogeneous compact vinyl	Homogeneous vinyl	LVT	LVT	LVT	LVT	Rigid LVT	Accessories
Main advantages	<ul style="list-style-type: none">• Heterogeneous flooring resistant to abrasion and furniture wheels• Very wide range of colours and designs• High indentation resistance because of compact backing• TopClean XP™ reinforced surface treatment• No wax, no polish for life• Phthalate-free technology	<ul style="list-style-type: none">• Excellent resistance to indentation and abrasion• Easy maintenance• Anti-slip resistance R10• Mix of mineral and wood effects• Low VOC emissions contribute to better indoor air quality• Combine low cost with premium feel for heavy traffic floors	<ul style="list-style-type: none">• Very resistant to abrasion, material made for commercial spaces• Additional reinforcement: Extreme Protection prevents dirt penetration into lower layers of product and significantly eases cleaning and maintenance• Phthalate-free technology	<ul style="list-style-type: none">• Class C in-room sonority• iQ chemical-free surface restoration• Easy coving, exceptional welded joint resistance• Low TVOC < 10 µg/m³• Phthalate-free technology	<ul style="list-style-type: none">• Loose-lay vinyl tiles• No permanent adhesive needed; fast and easy installation• Excellent resistance to scuffing, soiling and staining• Excellent acoustic efficiency• Superior indentation resistance	<ul style="list-style-type: none">• Different kinds of shape, variety of colours• Unlimited combinations• Customized floor design	<ul style="list-style-type: none">• Boundless formats and colours• Ideal for high traffic areas• Highly resistant to scuffs, scratches and stains• Easy to clean and maintain	<ul style="list-style-type: none">• Fine textures of wood and stone for custom looks• Non pattern repeat effect• Thousands of design possibilities• Ideal for high traffic areas• Resistant to scuffs, scratches and stains	<ul style="list-style-type: none">• High traffic & static indentation resistance• Easy to clean• Click system, easy to install and remove• Good acoustic performance	<ul style="list-style-type: none">• Contrasted and tactile strips provide better orientation for visually impaired people• Logos and signage to ease wayfindings



KINDERGARTEN SEŽANA, Sežana, Slovenia, Vinyl iQ Optima

CORRIDORS

Busy corridors are often filled with students trying to find their classroom, so floors must be long lasting and traffic-resistant, with design options such as contrasted colours, tactile strips, and extensive signage to provide pathway guidance. Floors should also be easy to clean, and resistant to slips, stains, and damage.

TARKETT RECOMMENDATION	Acczent Excellence 80 & Acczent Platinum 100	Spark & Stella	iQ Collections (Optima, Megalit, Natural, Granit, Eminent)	Veneto XF2™ (2.5 mm)	iD Inspiration 70/55 & 70/55 Plus	iD Click Ultimate	iD Square & iD Inspiration Loose-lay	Cove formers, caps & set-in corners
Product type	Heterogeneous compact vinyl	Heterogeneous compact vinyl	Homogeneous vinyl	Linoleum	LVT	Rigid LVT	LVT	Accessories
Main advantages	<ul style="list-style-type: none">• Heterogeneous flooring resistant to abrasion and furniture wheels• Very wide range of colours and designs• High indentation resistance because of compact backing• TopClean XP™ reinforced surface treatment• No wax, no polish for life• Phthalate-free technology	<ul style="list-style-type: none">• Very resistant to abrasion, material made for commercial spaces• Additional reinforcement: Extreme Protection prevents dirt penetration into lower layers of product and significantly eases cleaning and maintenance• Phthalate-free technology	<ul style="list-style-type: none">• Easy maintenance• Extreme durability and outstanding flexibility• iQ unique surface restoration system• Lowest life cycle cost on the market	<ul style="list-style-type: none">• 2.5 mm thick• Timeless marbled patterns in 60 colours• Easy maintenance: no wax or polish for life• Natural and sustainable• Special possibility Bfl-s1	<ul style="list-style-type: none">• Boundless formats and colours• Ideal for high traffic areas• Highly resistant to scuffs, scratches and stains• Easy to clean and maintain	<ul style="list-style-type: none">• High traffic & static indentation resistance• Easy to clean• Click system, easy to install and remove• Good acoustic performance	<ul style="list-style-type: none">• Loose-lay vinyl tiles• No permanent adhesive needed; fast and easy installation• Excellent resistance to scuffing, soiling and staining• Excellent acoustic efficiency• Superior indentation resistance	<ul style="list-style-type: none">• For perfect coving and easier cleaning• For perfect finish and superior protection of the wall covering edge• For better finishing and protection at the outer wall angle



Classrooms, where students spend most of their time at school, are key to intellectual development. Because colour, light, and acoustics all impact the learning process, our floors are designed to use patterns and colours known to improve students' attention levels, and to reduce noises coming from adjacent classrooms to help them stay mentally stimulated. In addition, our floors contribute to a good indoor air quality and don't require toxic maintenance products to keep them clean.

CLASSROOMS

ELEMENTARY SCHOOL MILAN RAKIĆ, Mionica, Serbia, **Linoleum Veneto xf²™ 2.5 mm**

TARKETT RECOMMENDATION	Veneto XF ² ™ (2.5 mm)	Spark & Stella	Ruby 70	Meteor 70	Acczent Excellence 80 & Accent Platinum 100	Tapiflex Excellence 80 & Tapiflex Platinum 100 (for extra acoustic performance)	iQ Collections (Optima, Megalit, Natural, Granit, Eminent)	Desso AirMaster® Family	iD Square & iD Inspiration Loose-lay	iD Inspiration 70/55 & 70/55 Plus	iD Click Ultimate	iD Inspiration Click & Click Plus
Product type	Linoleum	Heterogeneous compact vinyl	Heterogeneous compact vinyl	Heterogeneous compact vinyl	Heterogeneous compact vinyl	Heterogeneous acoustic vinyl	Homogeneous vinyl	Textile tiles	LVT	LVT	Rigid LVT	LVT
Main advantages	<ul style="list-style-type: none"> • 2.5 mm thick • Timeless marbled patterns in 60 colours • Easy maintenance: no wax or polish for life • Natural and sustainable • Special possibility Bfl-s1 	<ul style="list-style-type: none"> • Very resistant to abrasion, material made for commercial spaces • Additional reinforcement: Extreme Protection prevents dirt penetration into lower layers of product and significantly eases cleaning and maintenance • Phthalate-free technology 	<ul style="list-style-type: none"> • Excellent resistance to indentation and abrasion • Easy maintenance • Anti-slip resistance R10 • Mix of mineral and wood effects • Low VOC emissions contribute to better indoor air quality • Combine low cost with premium feel for heavy traffic floors 	<ul style="list-style-type: none"> • R10 slip resistance • Resistance to indentation, abrasion and moderate traffic • Acoustic properties • Underfoot comfort • Easy cleaning and maintenance 	<ul style="list-style-type: none"> • Heterogeneous flooring resistant to abrasion and furniture wheels • Very wide range of colours and designs • High indentation resistance because of compact backing • TopClean XP™ reinforced surface treatment • No wax no polish for life • Phthalate-free technology 	<ul style="list-style-type: none"> • Impact sound reduction • Comfort under the feet • Very wide range of colours and designs • TopClean XP™ reinforced surface treatment • Phthalate-free technology 	<ul style="list-style-type: none"> • Easy maintenance • Extreme durability and outstanding flexibility • iQ unique surface restoration system • Lowest life cycle cost on the market 	<ul style="list-style-type: none"> • Scientifically confirmed to improve air quality • Endless design options with different colours, patterns and shapes • Fast installation and easy (partial) replacement 	<ul style="list-style-type: none"> • Loose-lay vinyl tiles • No permanent adhesive needed; fast and easy installation • Excellent resistance to scuffing, soiling and staining • Excellent acoustic efficiency • Superior indentation resistance 	<ul style="list-style-type: none"> • Boundless formats and colours • Ideal for high traffic areas • Highly resistant to scuffs, scratches and stains • Easy to clean and maintain 	<ul style="list-style-type: none"> • High traffic & static indentation resistance • Easy to clean • Click system, easy to install and remove • Good acoustic performance 	<ul style="list-style-type: none"> • Exclusive wood, stone and metal designs • Fold-down vertical click installation • Resistant to scuffs, scratches and stains • Easy to clean and maintain



Between busy classes, or all-night prep sessions, students and staff expect to enjoy their lunch or pause in comfortable and hospitable spaces. In canteens, restaurants, and cafeterias, our flooring solutions are designed to create an atmosphere of relaxation that is aesthetically pleasing while noise reducing. As these areas are particularly subject to high volumes of traffic and eating, our floors are easy-to-clean and resistant to stains, heavy traffic and slips.

CAFETERIAS

UNIVERIUM, Baku, Azerbaijan, LVT iD Inspiration 70

TARKETT RECOMMENDATION	Acczent Excellence 80 & Acczent Platinum 100	Spark & Stella	iQ Collections (Optima, Megalit, Natural, Granit, Eminent)	Veneto XF ² ™ (2.5 mm)	iD Inspiration Click & Click Plus	iD Click Ultimate	Pilot 1033, Gallery 1233, Navigator 1233, Universe 1433, Dynasty 1233, Estetica 933	Skirtings, caps, corners
Product type	Heterogeneous compact vinyl	Heterogeneous compact vinyl	Homogeneous vinyl	Linoleum	LVT	Rigid LVT	Laminate	Accessories
Main advantages	<ul style="list-style-type: none">• Heterogeneous flooring resistant to abrasion and furniture wheels• Very wide range of colours and designs• High indentation resistance because of compact backing• TopClean XP™ reinforced surface treatment• No wax, no polish for life• Phthalate-free technology	<ul style="list-style-type: none">• Very resistant to abrasion, material made for commercial spaces• Additional reinforcement: Extreme protection prevents dirt penetration into lower layers of product and significantly eases cleaning and maintenance• Phthalate-free technology	<ul style="list-style-type: none">• Easy maintenance• Extreme durability and outstanding flexibility• iQ unique surface restoration system• Lowest life cycle cost on the market	<ul style="list-style-type: none">• 2.5 mm thick• Timeless marbled patterns in 60 colours• Easy maintenance: no wax or polish for life• Natural and sustainable• Special possibility Bfl-s1	<ul style="list-style-type: none">• Exclusive wood, stone and metal designs• Fold-down vertical click installation• Resistant to scuffs, scratches and stains• Easy to clean and maintain	<ul style="list-style-type: none">• High traffic & static indentation resistance• Easy to clean• Click system, easy to install and remove• Good acoustic performance	<ul style="list-style-type: none">• Easy installation and replacement• Easy maintenance• Suitable for self-regulating under floor heating system• High resistance to wear and scratch	<ul style="list-style-type: none">• Wide range of colour-coordinated skirtings• Perfect finish and superior protection of the wall covering edge• Better finishing and protection at the outer wall angle with set-in corner• Easier to maintain as it is welded to floor covering



Staircases are sensitive areas that need to be safe. Our floors are built to withstand heavy traffic, absorb noises, and provide resistance to prevent slipping on stairs. We also use contrasting colours and structured stair noses on our easy-to-clean steps to give visual and tactile indications of changes in level.

| STAIRCASES |

KINDERGARTEN CELJE, Slovenia, Lino Silencio, Tapiflex Stairs

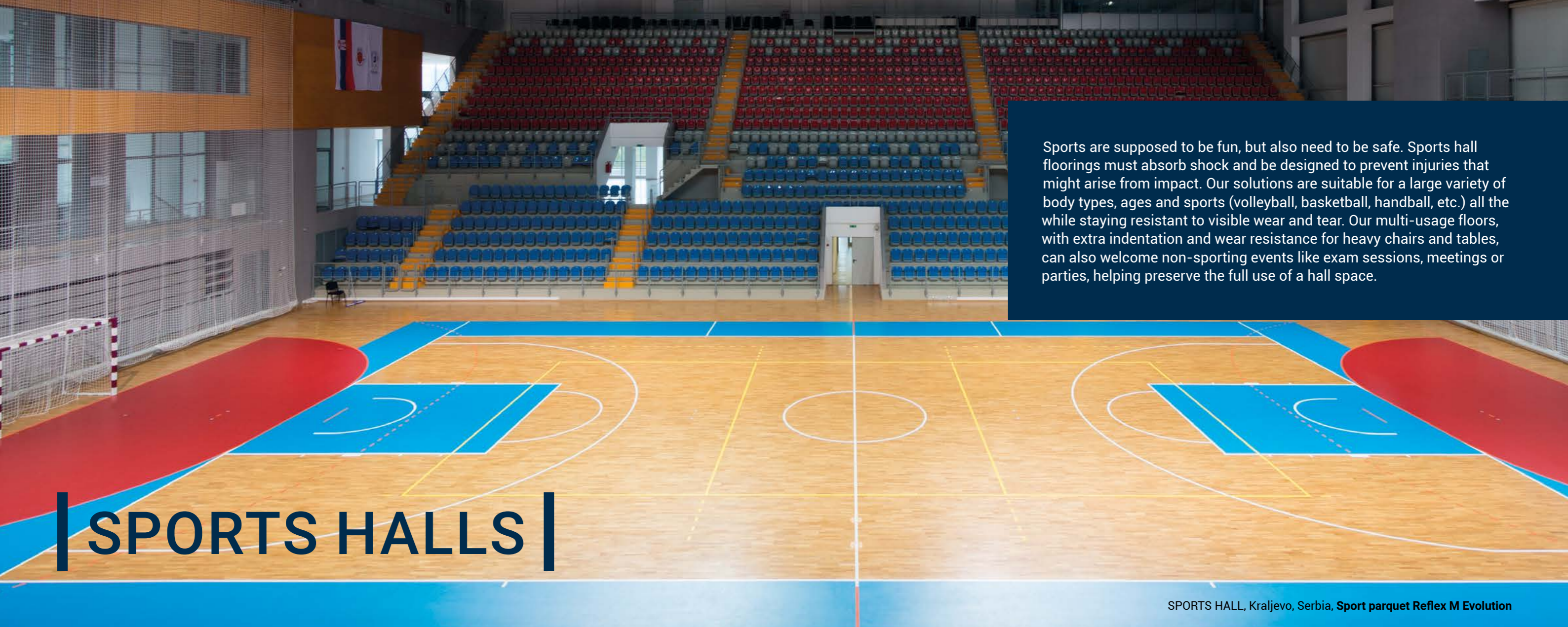
TARKETT RECOMMENDATION	Tapiflex stairs	Inside & outside stair corners	Warning tiles	Stair nose
Product type	Heterogeneous acoustic vinyl	Accessories	Accessories	Accessories
Main advantages	<ul style="list-style-type: none">• Contrasted integrated stair noses from 35 to 81% contrast• Class 34, wear layer 1 mm: excellent resistance to scratches, abrasion, scuffing and soiling• 18 dB / sonority Class A• Specially designed edges to increase slip resistance and safety• TopClean XP PUR: easy, low-cost maintenance• Give the whole building a coherent design by mixing and matching with Tarkett's other HE collections	<ul style="list-style-type: none">• Corners designed to form a neat and attractive edge around the open end of a step by concealing the edge of the floor covering and stair edging• Colour-coordinated with PVC stair nosing	<ul style="list-style-type: none">• Standardized and studded accessory to signal level changes to visually-impaired people• Several colours available to enhance contrast and visibility	<ul style="list-style-type: none">• Flexible PVC stairnose• Cut to size on site and fixed with adhesive before floor covering



| TOILETS |

UNIVERIUM, Baku, Azerbaijan, LVT iD Inspiration Click

TARKETT RECOMMENDATION	iD Inspiration Click & Click Plus	iD Click Ultimate	Granit Safe.T	Aquarelle Wall HFS	Drain	Cove former & junction profile	Threshold transition for wetrooms
Product type	LVT	Rigid LVT	Homogeneous anti-slip vinyl	Vinyl wall covering	Accessories	Accessories	Accessories
Main advantages	<ul style="list-style-type: none">• Exclusive wood, stone and metal designs• Fold-down vertical click installation• Resistant to scuffs, scratches and stains• Easy to clean and maintain	<ul style="list-style-type: none">• High traffic & static indentation resistance• Easy to clean• Click system, easy to install and remove• Good acoustic performance	<ul style="list-style-type: none">• Durable anti-slip R10• Watertight solution: sealed joints, impervious surface• Safety clean XP™ surface treatment• Highly flexible ease coving	<ul style="list-style-type: none">• High weld strength > 150/50 mm• TopClean XP™ PUR reinforced surface• Easy cleaning, hygienic	<ul style="list-style-type: none">• To make cleaning easier when using high-pressure cleaning device	<ul style="list-style-type: none">• Flexible junction profile to reduce thickness difference between floor and wall covering for a perfect junction and a watertight installation	<ul style="list-style-type: none">• Rubber or vinyl threshold - 2 available versions including one that uses hot welding



Sports are supposed to be fun, but also need to be safe. Sports hall floorings must absorb shock and be designed to prevent injuries that might arise from impact. Our solutions are suitable for a large variety of body types, ages and sports (volleyball, basketball, handball, etc.) all the while staying resistant to visible wear and tear. Our multi-usage floors, with extra indentation and wear resistance for heavy chairs and tables, can also welcome non-sporting events like exam sessions, meetings or parties, helping preserve the full use of a hall space.

SPORTS HALLS

SPORTS HALL, Kraljevo, Serbia, **Sport parquet Reflex M Evolution**

TARKETT RECOMMENDATION	Reflex M Evolution	Multiflex M	Proflex M	Omnisports (V65, V83, V120)	Omnisports Reference Multi-use & Omnisports Active
Product type	Sport parquet	Sport parquet	Sport parquet	Sport vinyl	Sport vinyl
Main advantages	<ul style="list-style-type: none">• Multi-sports use• Cost-efficient solution• Good performance (A4-compliant, EN 14904)• Easy to install• Cost-effective maintenance	<ul style="list-style-type: none">• Multi-sports use• Good performance (A4-compliant, EN 14904)• Ideal for renovation (38 mm thick)• Excellent underfoot and acoustic comfort• Cost-effective maintenance	<ul style="list-style-type: none">• Ideal for basketball and squash• High performance (A4-compliant, EN 14904)• Excellent shock absorption• Consistent ball bounce• Cost-effective maintenance	<ul style="list-style-type: none">• Exceptional resistance to wear• Durability of sports floor• PU surface treatment: prevention from slippage, resistance to scratches, easy maintenance• Amortization of sound expansion• Shock absorption	<ul style="list-style-type: none">• High performance for multi-sport facilities• Players protection (P1-compliant, EN 14904)• GreenLay® installation option• Contributes to improved air quality• TopClean XP™ surface treatment



After sports activities, students need to quickly and safely shower and change their clothing before going back to their classrooms. Our shower and locker room floors provide comfort and slip resistance for bare feet to limit the risk of slipping on wet surfaces. Because hygiene is crucial in these areas, our wetroom solutions provide perfect water tightness and easy-to-clean surfaces.

COLLECTIVE SHOWERS & LOCKERS

Vinyl Granit Safe.T, Granit Multisafe

TARKETT RECOMMENDATION	Granit Multisafe	Granit Safe.T	Aquarelle Wall HFS	Drain	Cove former & junction profile	Threshold transition for wetrooms
Product type	Homogeneous vinyl	Homogeneous anti-slip vinyl	Vinyl wall covering	Accessories	Accessories	Accessories
Main advantages	<ul style="list-style-type: none">• Waterproof installation, ideal for wet commercial applications• Studded surface for excellent slip resistance• Warm and vivid tones to coordinate with Aquarelle Wall HFS• Hygienic• Ideal for showers, provides a high level of protection for bare feet, even when the floor is covered with soap and water	<ul style="list-style-type: none">• Durable anti-slip R10• Watertight solution: sealed joints, impervious surface• Safety clean XP™ surface treatment• Highly flexible ease coving	<ul style="list-style-type: none">• High weld strength > 150/50 mm• TopClean XP™ PUR reinforced surface• Easy cleaning, hygienic	<ul style="list-style-type: none">• To make cleaning easier when using high-pressure cleaning device	<ul style="list-style-type: none">• Flexible junction profile to reduce thickness difference between floor and wall covering for a perfect junction and a watertight installation	<ul style="list-style-type: none">• Rubber or vinyl threshold - 2 available versions including one that uses hot welding



A calm office environment can have a greatly positive effect on employee productivity and well-being. Floors that can help improve acoustics and indoor air quality are key to keeping busy offices serene. Carpets, in particular, can contribute to improved health and well-being.

ADMINISTRATIVE OFFICES

SCGM, Kragujevac, Serbia, LVT

TARKETT RECOMMENDATION	Tapiflex Excellence 80 & Tapiflex Platinum 100	Acczent Excellence 80 & Acczent Platinum 100	iD Inspiration 70/55 & 70/55 Plus	iD Square & iD Inspiration Loose-lay	iD Click Ultimate	iD Inspiration Click & Click Plus	Pilot 1033, Gallery 1233, Navigator 1233, Universe 1433, Dynasty 1233, Estetica 933	Tango, Salsa Art, Samba, Tango Vintage, Tango Classic, Step, Ideo, Rumba, Salsa Premium, Salsa Art Vision, Tango Art, Performance Fashion	Desso collections	Tarkett tiles collections
Product type	Heterogeneous acoustic vinyl	Heterogeneous compact vinyl	LVT	LVT	Rigid LVT	LVT	Laminate	Parquet	Textile tiles	Textile tiles
Main advantages	<ul style="list-style-type: none">• Impact sound reduction• Comfort under the feet• Very wide range of colours and designs• TopClean XP™ reinforced surface treatment• Phthalate-free technology	<ul style="list-style-type: none">• Heterogeneous flooring resistant to abrasion and furniture wheels• Very wide range of colours and designs• High indentation resistance because of compact backing• TopClean XP™ reinforced surface treatment• No wax no polish for life• Phthalate-free technology	<ul style="list-style-type: none">• Boundless formats and colours• Ideal for high traffic areas• Highly resistant to scuffs, scratches and stains• Easy to clean and maintain	<ul style="list-style-type: none">• Loose-lay vinyl tiles• No permanent adhesive needed; fast and easy installation• Excellent resistance to scuffing, soiling and staining• Excellent acoustic efficiency• Superior indentation resistance	<ul style="list-style-type: none">• High traffic & static indentation resistance• Easy to clean• Click system, easy to install and remove• Good acoustic performance	<ul style="list-style-type: none">• Exclusive wood, stone and metal designs• Fold-down vertical click installation• Resistant to scuffs, scratches and stains• Easy to clean and maintain	<ul style="list-style-type: none">• Easy installation and replacement• Easy maintenance• Suitable for self-regulating under floor heating system• High resistance to wear and scratch	<ul style="list-style-type: none">• 100% real wood• Exclusive extra wide planks for luxury applications• Extensive range of accessories – perfect match skirtings, moldings and pipe covers in different wood species to complete the final touch• Very stable multi-layer construction• Proteco lacquer – one of the strongest surface protections in wood industry• Suitable for self-regulating under floor heating systems (max 25 °C)• Easy installation and maintenance• Wide range of colours and effects	<ul style="list-style-type: none">• Endless design options with different colours, patterns and shapes• Fast installation and easy (partial) replacement• Installation can be phased to keep your business open to guests• Cost effective: tiles are delivered in boxes, reducing transportation costs and making them easy to store on-site• Flexibility: individual tiles can be replaced quickly and easily in-house if soiled or damaged• Less waste: waste is significantly reduced compared to broadloom carpet	<ul style="list-style-type: none">• Plenty of different colours and patterns• Fast installation and easy (partial) replacement• Installation can be phased to keep your business open to guests• Cost effective: tiles are delivered in boxes, reducing transportation costs and making them easy to store on-site• Flexibility: individual tiles can be replaced quickly and easily in-house if soiled or damaged• Less waste: waste is significantly reduced compared to broadloom carpet

Technical data at a glance

		iD Inspiration 70/55 & 70/55 Plus	iD Inspiration Loose-lay	iD Inspiration Click & Click Plus	iD Click Ultimate	iD Mixonomi	iD Supernature & Tattoo	iD Square	iQ collections (Optima, Megalit, Natural, Granit, Eminent)	Acczent Excellence 80	Acczent Platinum 100
		LVT	LVT	LVT	Rigid LVT	LVT	LVT	LVT	Homogeneous vinyl flooring	Heterogeneous compact vinyl	Heterogeneous compact vinyl
Design		75,000 possible options, mix of designs, formats, colours, embossings	22 original, inspiring designs	Available in 42 designs & colours	15 designs and colours	33 designs and colours, 10 different shapes	5 fine textures of wood and stone, in 16 natural shades for each	50 contemporary patterns and decors	Plenty of colours and designs	127 colours	Available in 72 designs & colours
Acoustic comfort	Impact sound reduction EN ISO 717/2	2 dB	8 dB	3 dB	19 dB	2 dB	2 dB	15 dB (±1 dB)	-	3 dB	9 dB
Wear layer thickness	ISO 24340	0.70 mm (iD 70) 0.55 mm (iD 55)	0.55 mm	0.55 mm	0.70 mm	0.70 mm	0.70 mm	0.80 mm	-	0.80 mm	1.02 mm
Durability & Resistance	Commercial Class EN 685 - ISO10874	34 (iD Insp.70) 33 (iD Insp.55)	33	33	34	34	34	34	34	34	34
	Indentation ISO 24343-1 (EN 433)	0.05 mm	≤ 0.10 mm	≤ 0.10 mm	≤ 0.05 mm	≤ 0.05 mm	≤ 0.05 mm	0.15 mm	0.02 mm	0.03 mm	0.04 mm
	Reaction to fire EN 13501-1	Bfl-s1 glued on wood panel and concrete	Bfl-s1 loose laid on wood panel and A2fl-s1 or A1fl class substrate	Bfl-s1 loose laid over concrete substrate	Bfl-s1	Bfl-s1 glued over concrete substrate Bfl-s1 glued over wood substrate	Bfl-s1 glued over concrete substrate Bfl-s1 glued over wood substrate	Bfl-s1 loose laid or glued over any A2fl or A1fl substrate (concrete) Cfl-s1 loose laid or glued over any derivate wood substrate	Bfl-s1 Pass	Bfl-s1 glued on derivate wood panel	Bfl-s1 glued over any A2fl or A1fl substrate (concrete) Bfl-s1 glued over any derivate wood substrate
Easy and low cost maintenance	Surface treatment	TopClean XP™	TopClean XP™	TopClean XP™	PUR Ultimate	TopClean XP™	TopClean XP™	TopClean XP™	iQ PUR	TopClean XP™	TopClean XP™
	No wax, no polish for life	+	+	+	+	+	+	+	+	+	+
Slip resistance	DIN51130	R9/R10 (depending on embossing)	R9	R9 / R10 depending on embossing	R9	R10	R9	R9	R9	R9/R10	R9
Indoor air quality & Environment	ISO 16000 TVOC ≤ 1000 µg/m³	< 10 µg/m³	< 100 µg/m³	≤ 10 µg/m³	≤ 100 µg/m³	≤ 10 µg/m³	≤ 10 µg/m³	< 10 µg/m³	< 10 µg/m³	≤ 10 µg/m³	≤ 10 µg/m³
	Phthalate-free technology	+	+	+	+	+	+	+	+	+	+
	% recyclable	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
	% recycled content	38 (iD 70) 32 (iD 55)	-	-	-	32%	32%	3%	26%	33%	29%
Installation system		Glue down planks & tiles	Loose lay	Click	Click system	Glue down different shapes	Glue down different shapes	Loose lay	Glue down rolls	Glue down rolls	Glue down rolls

Technical data at a glance

		Tapiflex Excellence 80	Tapiflex Platinum 100	Spark & Stella	Ruby 70 & Topaz 70	Meteor 70	Veneto XF ² ™ (2.5 mm); Veneto XF ² ™ BFL (2.5 mm)	Omnisports Reference Multi-Use	Omnisports Active	Omnisports V65	Omnisports V83
		Heterogeneous acoustic vinyl	Heterogeneous acoustic vinyl	Heterogeneous vinyl	Heterogeneous vinyl	Heterogeneous compact vinyl	Linoleum	Heterogeneous vinyl indoor sport	Heterogeneous vinyl indoor sport	Indoor vinyl sports	Indoor vinyl sports
Design		More than 100 colours with uni, wood & phosphorescents	Available in 71 designs & colours	Plenty of colours and designs	36 designs & colours	Available in 27 designs & colours	Plenty of designs & colours	Available in 24 designs & colours	Available in 24 designs & colours	Available in 25 designs & colours	Available in 25 designs & colours
Acoustic comfort	Impact sound reduction EN ISO 717/2	19 dB	17 dB	-	Ruby 5 dB Topaz 13 dB	7 dB	6 dB	65 dB	65 dB	-	-
Wear layer thickness	ISO 24340	0.80 mm	1.02 mm	0.70 mm	0.70 mm	0.70 mm	-	-	-	0.70 mm	0.80 mm
Durability & Resistance	Commercial Class EN 685 - ISO10874	34	34	34	34	34	34	-	-	-	-
	Indentation ISO 24343-1 (EN 433)	0.10 mm	0.09 mm	≤ 0.1 mm	0.02 mm	0.04 mm	0.08 mm	≤ 0.10 mm	≤ 0.15 mm	0.10 mm	0.10 mm
	Reaction to fire EN 13501-1	Bfl-s1 glued over any A2fl or A1fl substrate (concrete) Cfl-s1 glued over any derivate wood substrate	Bfl-s1 glued over any A2fl or A1fl substrate (concrete) Cfl-s1 glued over any derivate wood substrate	Bfl-s1	Bfl-s1 glued on derivate wood panel (Ruby 70) Cfl-s1 (Topaz 70)	Bfl-s1 glued on derivate wood panel	Cfl-s1 Bfl-s1 (Veneto XF ² ™ BFL)	Cfl-s1	Cfl-s1	Cfl-s1	Bfl-s1
Easy and low cost maintenance	Surface treatment	TopClean XP™	TopClean XP™	Extreme Protection	TopClean XP™	TopClean XP™	xF ² ™	TopClean XP™	TopClean XP™	PU surface treatment	PU surface treatment
	No wax, no polish for life	+	+	+	+	+	+	+	+	+	+
Slip resistance	DIN51130	R9/R10	R9	R10	R10	R10	R9	-	-	-	-
Indoor air quality & Environment	ISO 16000 TVOC ≤ 1000 µg/m³	≤ 10 µg/m³	≤ 10 µg/m³	-	≤ 100 µg/m³	≤ 100 µg/m³	≤ 100 µg/m³	≤ 10 µg/m³	≤ 10 µg/m³	≤ 100 µg/m³	≤ 100 µg/m³
	Phthalate-free technology	+	+	+	+	+	+	+	+	+	+
	% recyclable	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
	% recycled content	21%	21%	-	31%	14%	36%	14%	17%	30%	26%
Installation system		Glue down roll or tiles	Glue down rolls	Glue down rolls	Glue down rolls	Glue down rolls	Glue down rolls	Glue down, GreenLay®	Glue down, GreenLay®	Glue down, GreenLay®	Glue down, GreenLay®

		Omnisports V120	Granit Multisafe	Granit safe.T	Tapiflex Stairs	Aquarelle Wall HFS
		Indoor vinyl sports	Homogeneous vinyl	Slip resistant homogeneous vinyl flooring	Heterogeneous vinyl stairs	Heterogeneous vinyl wall covering
Design		Available in 25 designs & colours	Available in 16 designs & colours	Available in 16 designs & colours	Available in 22 designs & colours	Available in 32 designs & colours
Acoustic comfort	Impact sound reduction EN ISO 717/2	> 18 dB	-	-	18 dB	-
Wear layer thickness	ISO 24340	0.80 mm	-	-	1.0 mm	0.12 mm
Durability & Resistance	Commercial Class EN 685 - ISO10874	-	31	34	34	-
	Indentation ISO 24343-1 (EN 433)	-	0.02 mm	0.02 mm	0.17 mm	-
	Reaction to fire EN 13501-1	Cfl-S1	Bfl-s1	Bfl-s1	Bfl-s1 glued over any A2fl or A1fl substrate (concrete) Cfl-s1 glued over any derivate wood substrate	B-s2 d0 on non metal A1 or A2-s1, d0 class substrate
Easy and low cost maintenance	Surface treatment	PU surface treatment	-	Safe.T Clean XP	TopClean XP™	TopClean XP™
	No wax, no polish for life	+	+	+	+	+
Slip resistance	DIN51130	-	R10	-	R10	-
Indoor air quality & Environment	ISO 16000 TVOC ≤ 1000 µg/m³	< 100 µg/m³	≤ 10 µg/m³	≤ 10 µg/m³	≤ 10 µg/m³	≤ 10 µg/m³
	Phthalate-free technology	+	+	+	+	+
	% recyclable	100%	100%	100%	100%	100%
	% recycled content	19%	-	-	25%	-
Installation system		Glue down, GreenLay®	Glue down	Glue down	Glue down	Glue down

SPORT PARQUET			
	Reflex M Evolution	Multiflex M	Proflex M
Wood species	Beech, OAK	Beech, OAK, Maple	Beech, OAK
Format Type	Plank	Plank	Plank
Length	2520 mm	2281 mm	2520 mm
Width	188 mm	194 mm	194 mm
Surface treatment	Proteco Lacquer	Proteco Lacquer	Proteco Lacquer
Locking system	Tongue & Groove	2-lock	Tongue & Groove
Reaction to fire	Dfl-s1 Cfl-s1 (wear layer of Beech)	Dfl-s1 Cfl-s1 (wear layer of Beech)	Dfl-s1 Cfl-s1 (wear layer of Beech)
Underfloor heating	Suitable (maximum 27°C)	Suitable (maximum 27°C)	
FIBA Certificate	Yes	Yes	Yes
Shock absorption	A4 (≥ 55% < 75%)	A4 (≥ 55% < 75%)	A4 (≥ 55% < 75%)
Items per box	6	6	4
Surface per box	2.840 m²	2.660 m²	1.960 m²

PARQUET															
Dimensions (mm)	EN 13329	Performance Fashion	Tango Vintage	Tango Art	Tango	Tango Classic	Step	Rumba	Ideo	Salsa Art Vision	Salsa Art	Salsa Premium	Salsa	Bolero	Samba
Locking system		T-lock	T-lock	T-lock	T-lock	T-lock	T-lock	T-lock	T-lock	T-lock	T-lock	T-lock	T-lock	T-lock	T-lock
Thickness	EN 13329	14 mm	14 mm	14 mm	14 mm	14 mm	14 mm	14 mm	14 mm	14 mm	14 mm	14 mm	14 mm	14 mm	14 mm
Length	EN 13329	2215 mm	2215 mm	2215 mm	2215 mm	1200 mm	1000 / 1200 mm	1200 mm	2283 mm	2283 mm	2283 mm	2283 mm	2283 mm	1123 mm	1123 mm
Width	EN 13329	164 mm	164 mm	164 mm	164 mm	164 mm	140 / 164 mm	120 mm	194 mm	194 mm	194 mm	194 mm	194 mm	194 mm	194 mm
LOGISTICS															
boards in pack		6	6	6	6	6	6	6	6	6	6	6	6	6	6
m² in pack		2.18	2.18	2.18	2.18	1.182	0.840 / 0.984 / 1.008 / 1.182 m²	0.864	2.658	2.658	2.658	2.658	2.658	1.307	1.307
m² in pallet		130.8	130.8	130.8	130.8	70.92	70.92 (164x1200) 70.56 (140x1200) 59.04 (164x1000) 50.40 (140x1000)	68.8	132.9	132.9	132.9	132.9	132.9	47.05	65.35

Technical data at a glance

LAMINATE							
	NAVIGATOR 1233	PILOT 1033	UNIVERSE 1433	GALLERY 1233	DYNASTY 1233	ESTETICA 933	
Dimensions	EN 13329 (mm)	1292*194*12	1292*159*10	1292*194*14	1292*116*12	1292*159*12	1292*194*9
Supporting foundation	EN 316 (HDF)	(density 875 kg/m3; +/- 20 kg/m³)	(density 875 kg/m³; +/- 20 kg/m³)	(density 875 kg/m³; +/- 20 kg/m³)	(density 875 kg/m³; +/- 20 kg/m³)	(density 875 kg/m³; +/- 20 kg/m³)	(density 875 kg/m³; +/- 20 kg/m³)
Locking system	TC-lock	TC-lock (2G)	TC-lock (2G)	TC-lock (2G)	TC-lock (2G)	TC-lock (2G)	TC-lock (2G)
Protection of edges	According TC 5536-001-59066253-2014	Tech-3S AquaStop	Tech-3S AquaStop	Tech-3S AquaStop	Tech-3S AquaStop	Tech-3S AquaStop	Tech-3S AquaStop
Forecasted service life		not less 25 years	not less 25 years	not less 25 years	not less 25 years	not less 25 years	not less 25 years
Class of usage	EN 13329	33	33	33	33	33	33
Resistance to abrasion	EN 13329 application E	AC5	AC5	AC5	AC5	AC5	AC5
Impact resistance	EN 13329	IC3	IC3	IC3	IC3	IC3	IC3
Resistance to cigarettes	EN 438-2	≥4	≥4	≥4	≥4	≥4	≥4
Thickness	EN 13329	12 mm; +/- 0.5 mm	10 mm; +/- 0.5 mm	14 mm; +/- 0.5 mm	12 mm; +/- 0.5 mm	12 mm; +/- 0.5 mm	9 mm; +/- 0.5 mm
Length	EN 13329	1292 mm; +/- 0.5 mm	1292 mm; +/- 0.5 mm	1292 mm; +/- 0.5 mm	1292 mm; +/- 0.5 mm	1292 mm; +/- 0.5 mm	1292 mm; +/- 0.5 mm
Width	EN 13329	194 mm; +/- 0.1 mm	159 mm; +/- 0.1 mm	194 mm; +/- 0.1 mm	116 mm; +/- 0.1 mm	159 mm; +/- 0.1 mm	194 mm; +/- 0.1 mm
Straightness of edges of upper layer	EN 13329	≤0.3 mm/m	≤0.3 mm/m	≤0.3 mm/m	≤0.3 mm/m	≤0.3 mm/m	≤0.3 mm/m
Clear gaps between panels	EN 13329	average ≤0.15 mm; maximal ≤0.20 mm	average ≤0.15 mm; maximal ≤0.20 mm	average ≤0.15 mm; maximal ≤0.20 mm	average ≤0.15 mm; maximal ≤0.20 mm	average ≤0.15 mm; maximal ≤0.20 mm	average ≤0.15 mm; maximal ≤0.20 mm
Difference in height between panels	EN 13329	average ≤0.10 mm; maximal ≤0.15 mm	average ≤0.10 mm; maximal ≤0.15 mm	average ≤0.10 mm; maximal ≤0.15 mm	average ≤0.10 mm; maximal ≤0.15 mm	average ≤0.10 mm; maximal ≤0.15 mm	average ≤0.10 mm; maximal ≤0.15 mm
Fire safety	C-RU.ПБ.25.B.04266	KM 5	KM 5	KM 5	KM5	KM 5	KM 5
Class-formaldehyde	EN 717-1	E 1	E 1	E 1	E1	E 1	E 1
Thermal resistance (m²K)/W	EN12667:2001	0.11	0.11	0.11	0.11	0.11	0.11
LOGISTICS							
5 boards in pack		5 boards	6 boards	5 boards	5 boards	5 boards	7 boards
m² in pack		1.253 m²	1.232 m²	1.253 m²	0.749 m²	1.027 m²	1.754 m²
packs in pallet/m² in pallet		56 packs/70.168 m²	75 packs/92.400 m²	48 packs/60.144 m²	84 packs/62.916 m²	70 packs/71.89 m²	56 packs/98.245 m²

*For more information on Textile Tarkett and Desso collections, visit our website or Tarkett SEE selling points

Our references



PRIVATE SCHOOL AZBUKI, Sofia, Bulgaria, **Sport Parquet, Multiflex M Oak**



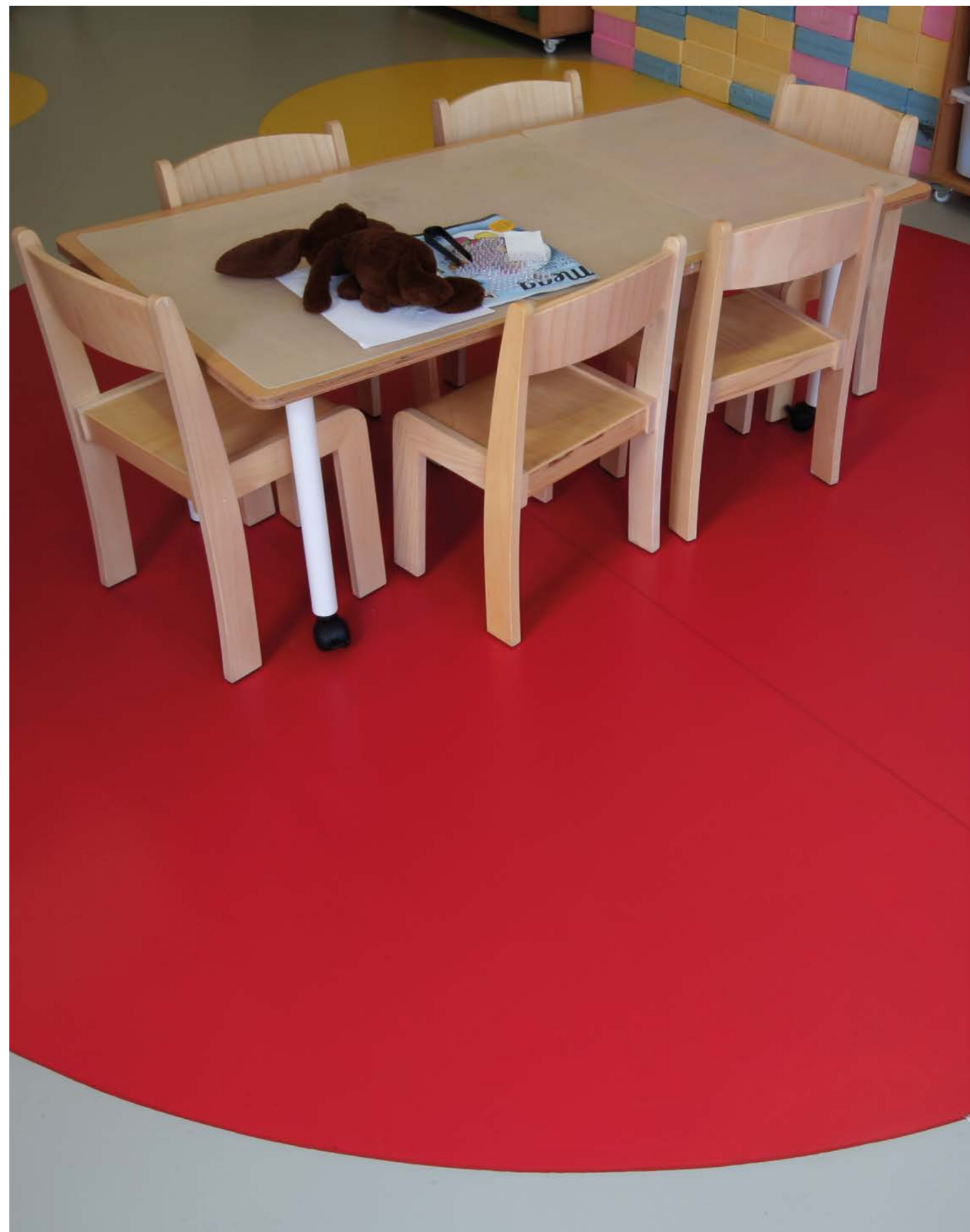
SPORT HALL ANEFS, Bucharest, Romania, **Sport Vinyl, Omnisport V120**



KINDERGARTEN VRTEC KOJSKO, Nova Gorica, Slovenia, **Linoleum**



KINDERGARTEN LILIPUT, Banja Luka, Bosnia and Herzegovina, **Vinyl, Tapiflex Excellence 65**



KINDERGARTEN IBOO, Bucharest, Romania, **Linoleum, Etrusco XF²**



PRIVATE SCHOOL ALETHEA , Bucharest, Romania, **Vinyl, Tapiflex Excellence**, Tapiflex stairs



FRENCH SCHOOL, Bucharest, Romania, **Vinyl, Premium, Tapiflex**



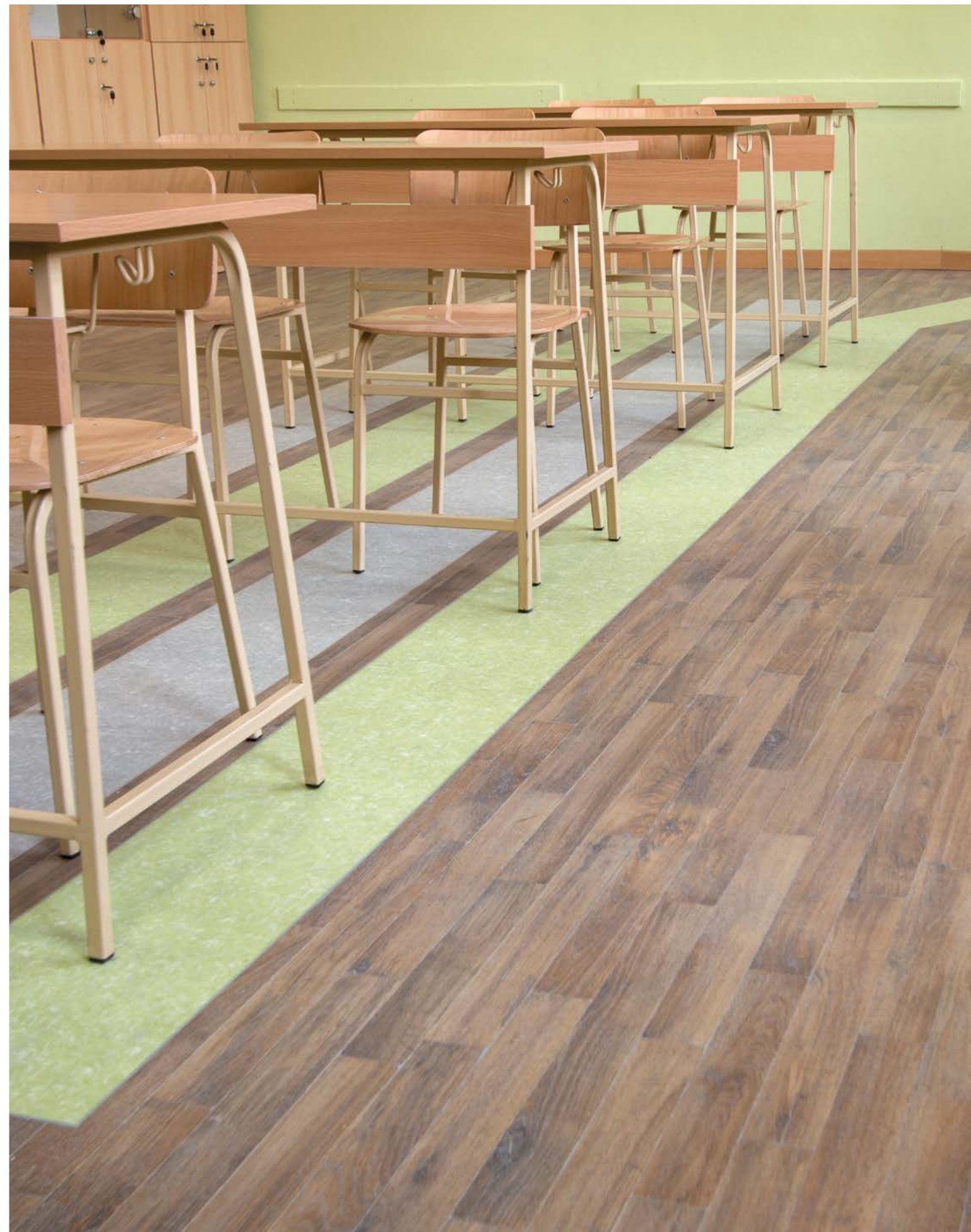
PRIVATE AMERICAN UNIVERSITY RIT, Zagreb, Croatia, **Linoleum, Veneto xf²™ 2.0 mm**



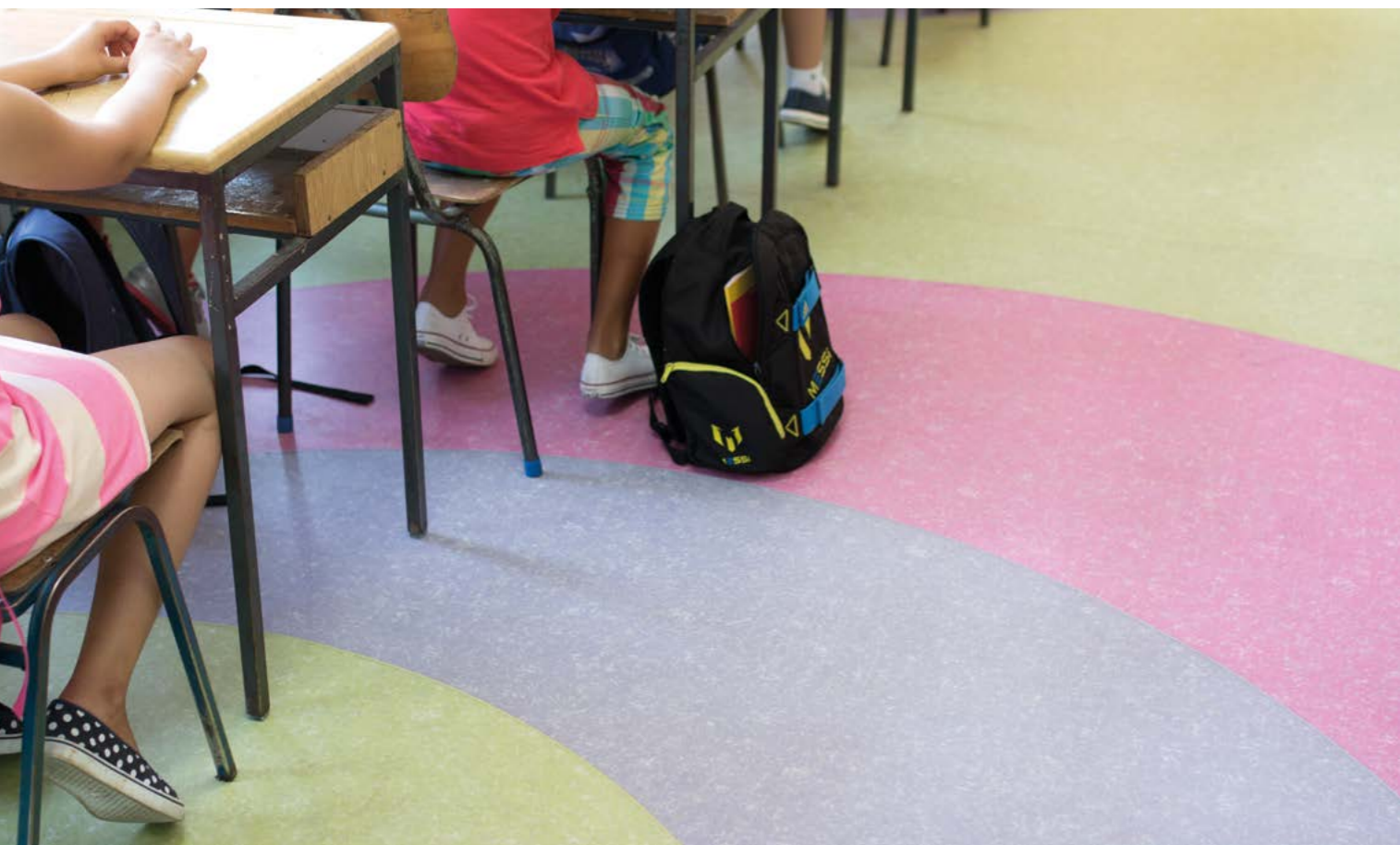
PRIMARY SCHOOL DRAMLJE, Dramlje, Slovenia, **Vinyl, iQ Optima**



KINDERGARTEN TONČKE ČEČEVE, Celje, Slovenia, **Linoleum, Silenzio 3.8 mm**



ELEMENTARY SCHOOL M. CRNJANSKI, Hrtkovci, Serbia, **Force**



ELEMENTARY SCHOOL D. MAKSIMOVIĆ, Priboj, Serbia, **Spark**



KINDERGARTEN ŠARENA LOPTICA, Zagreb, Croatia, **Vinyl, Standard Plus, iQ Optima, iD Essential**



EDITH STEIN SCHOOL, SIDE CAKE, Netherlands, **Textile, Desso, AirMaster®**



PRIVATE SCHOOL TZAR SIMEON VELIKI, Sofia, Bulgaria, **Sport Vinyl, Omnisport 6.5 mm Oak**



ELEMENTARY SCHOOL, Bucharest, Romania, **Vinyl, Megalit, Tapiflex Excellence**



MELANCHTHON, Rotterdam, Netherlands, **iQ Natural**

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