

SPORT INDOOR

SPORT INDOOR FLOORINGS FIT FOR PURPOSE SOLUTIONS



MONDO'S OLYMPIC EXPERIENCE

“Thanking and wishing Mondo good luck in the future Games, we congratulate you once more for the outstanding sports equipment and services provided to our Games.”

Alberto Guimarães

Rio 2016 Director of Sport and Paralympic Integration

“I really appreciated the outstanding sport equipment and services provided by you to Our Games and in particular your enthusiams as our partner.”

Renato Ciuchini

Rio 2016 Executive Director on Commercial



Since 1948, Mondo has led the way, advancing every day towards new goals. Always on athletes' side

Mondo is the product of a family passion. Today, the Mondo brand is a symbol for innovative solutions in top sport, for all athletes. We recognize that sport is an expression of our identity, values and corporate philosophy.

Mondo invests a portion of its profits every year in Research & Development.

Our research centres collaborate closely with experts in the field, research institutes and universities, coaches and athletes in the study of advanced solutions. The result is a product range characterized by cutting-edge technology and personalized service that includes up-to-date advice on all aspects of sport equipment and facilities.

We produce for sport, on nature's side.

Environmentally friendly, thanks to constant and strict controls on raw materials and throughout the life cycle of the product. Production, installation, disposal are certified and safe for the environment. Know-how and innovation to welcome the new challenges as a springboard to the future.



London 2012 Olympic Games, The O2 Arena

VULCANISATION



Through the **vulcanisation process** in which the **rubber** is subjected during the production of **Mondo flooring**, the heat and pressure gives the material **hardness** and **durability**. The **hardening process** typical of some synthetic materials, such as PVC, is **slowed** in rubber (the soles thus maintain their biomechanical characteristics over time).

DEVELOPMENT

The logo for Mondo, featuring a stylized blue icon of a shoe sole followed by the word "MONDO" in a bold, blue, sans-serif font.

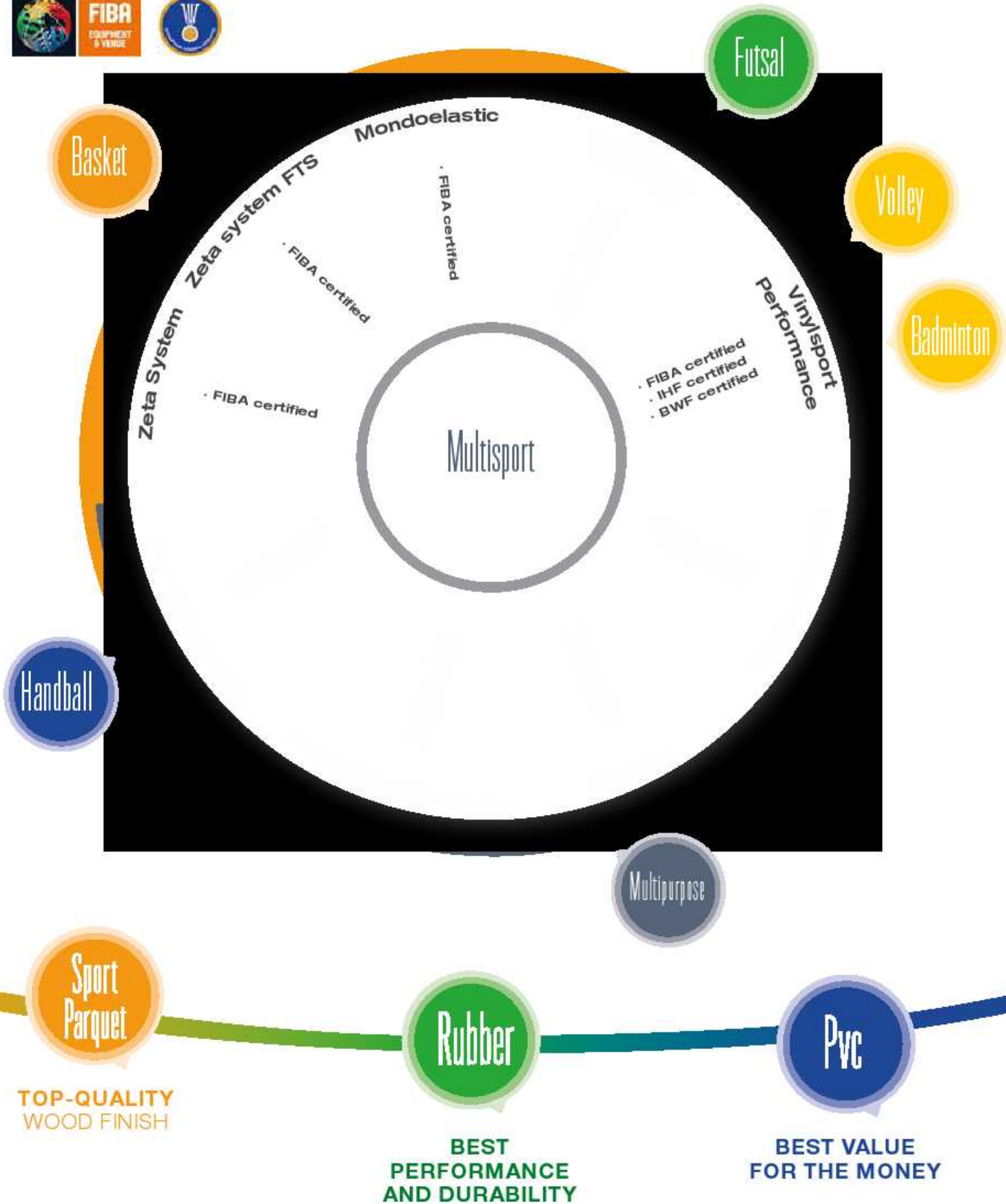
MONDO



GREEN BUILDING PROGRAMS



OUR SPORT FLOORING OFFER: THE PERFECT SOLUTION FOR EVERY SPORT



AREA ELASTIC/COMBINED SYSTEMS

Zeta System FTS



Elastiflex



Premierplus Mondoflex



Zeta System



Mondoelastic



Fast Break System 2



LISTERWOOD

more than
40% to 50%

from
50% to 55%

from
55% to 60%

more
than 60%

Shock Absorption Ka%

>95%

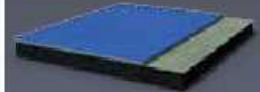
≈35%

≈40%

P1

P2

Mondoflex 2,5 mm +
Everlay T + FTS
Energy Rebound or
Airbed



Mondoflex 2,5 mm
+ Everlay High
Protection



Vinylsport
High Performance



Mondoflex



Mondoflex 2,5 mm
+ Everlay A



Vinylsport



Mondoflex II
7,5 mm



Mondoflex 2,5 mm
+ Everlay Protection



Vinylsport
Performance
7 mm



SYSTEMS

MONDOFLEX

ULTRA-TOUGH RUBBER SPORT SURFACE



KEY BENEFITS

- › Best choice for intensive use and endless hours of practice
- › Ideal for indoor multipurpose areas, multiple-sports training or competitions, recreational facilities and schools

NEW, IMPROVED MONDOFLEX

After years of success as Mondo's preeminent rubber surface, with millions of square feet of flooring installed worldwide, an improved Mondoflex has been introduced. This renovated product promises the ultimate smooth, non-slip, anti-glare rubber surface for countless indoor sport applications.

HEALTH & SAFETY

Mondo products are safe for the environment at every stage of their life, from production to storage, and from initial installation through use and eventual disposal. Mondo strives to substantially reduce or completely eliminate the use of chemicals and to manufacture products that are completely recyclable.

GREEN FACTS

- › Greenguard
- › Greenguard Gold
- › Class A+ VOC French Decret 2011-321
- › REACH Compliant
- › Non Hazardous Waste according to the E.W.C
- › The Mondoflex Environmental Product Declaration (EPD) for Life Cycle Analysis shows it has 19% less impact on the environment than similar PVC products

RUBBER IS THE BEST IN CLASS

- › Durable under intensive use
- › No welded joints that can tear easily
- › Compatible with different underlayment for versatility
- › Ease of maintenance over the years
- › Performs well in all temperatures

SPORT CERTIFICATIONS AND APPROVALS

- › FIBA Certificate of Approval for Synthetic Flooring Category, Level 2 and 3
- › IHF 2017 Certificate of Approval for Synthetic Floorings
- › EN 14904

ENDLESS POSSIBILITIES

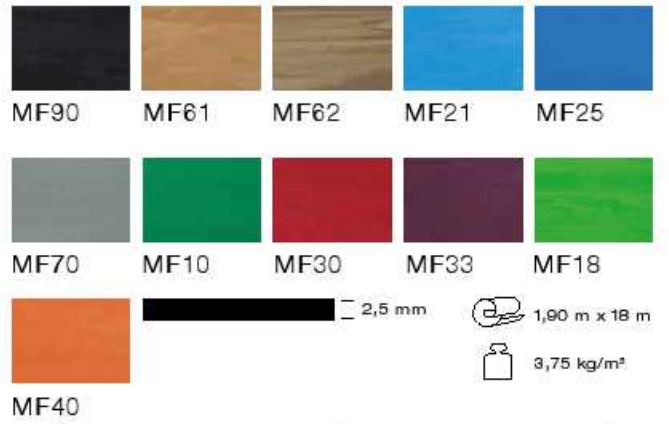
- › **Mondoflex + Everlay® = Waterproof coupling**
Mondoflex can be combined to the waterproofing underlay Everlay® during installation that is dry laid on a suitable subsurface.
The combination combats moisture problems and prevents the formation of surface bubbles.
- › **Mondoflex + Everlay® Protection = the solution for a class P1 system**
Mondoflex installed on Everlay® Protection ensures a shock absorption between 25% and 34%, according to EN14904.
- › **Mondoflex + Everlay High Protection® = the solution for a class P2 system**
Mondoflex installed on Everlay® Protection ensures a shock absorption level between 35% and 44%, according to EN14904.
- › **Mondoflex + FTS Energy Rebound**
Mondoflex installed on FTS Energy Rebound ensures a shock absorption level more than 40%, according to EN14904.
For systems with more than 50% of Shock Absorption level combined with Mondoflex please refer to Elastiflex (page 15) and Premier Plus (page 20).



Surface

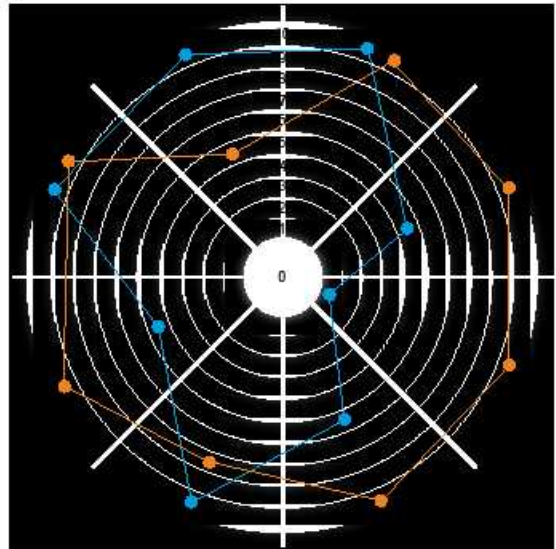


Color range



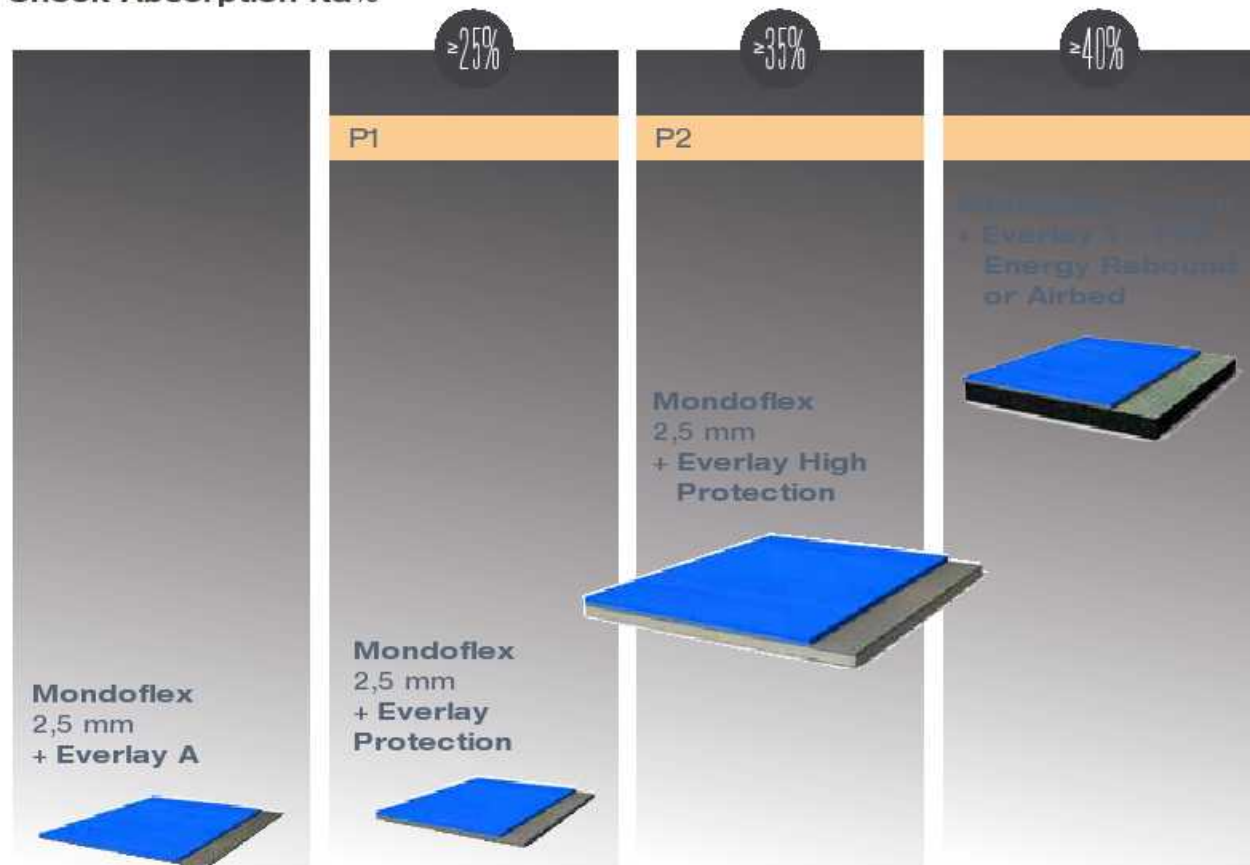
MONDO RUBBER PORTFOLIO VS PVC FLOORINGS

- ◆ PVC Flooring
 - ◆ Mondoflex Range
- | | |
|--|--|
| ■ Price competitiveness | ■ Resistance to wear and aging / durability |
| ■ Safety of Play | ■ Ease of cleaning |
| ■ Behaviour in different temp conditions | ■ Eco compatibility |
| ■ No welds needed | ■ Low VOC emissions |



POINT ELASTIC SYSTEMS

Shock Absorption Ka%



Performance

EVERLAY®



MOISTURE-PROOFING. SHOCK ABSORPTION BOOSTER.

KEY BENEFITS

- › Patented fiberglass underlay with expanded stems underside
- › A stabilizer that provides waterproofing, insulation, shock absorption and moisture-proofing

Everlay® has multiple combinations for moisture and shock absorption needs:

EVERLAY® PROTECTION (4,7 MM)

Combined with Mondoflex, shock absorption is increased to over $\geq 25\%$ KA in accordance with EN14904 standards for P1 flooring systems.



4,7 mm 2 m x 20 m 1,9 kg/m²

EVERLAY® A (1,2 MM)

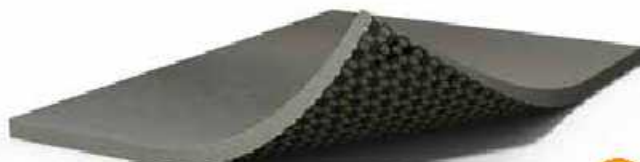
Compatible with Mondoflex II and Mondoflex to provide moisture-proofing with minimum thickness.



1,2 mm 2 m x 50 m 1,05 kg/m²

EVERLAY® HIGH PROTECTION (7 MM)

Combined with Mondoflex, shock absorption is increased to over $\geq 35\%$ KA in accordance with EN14904 standards for P2 flooring systems



7 mm 2 m x 20 m 2,9 kg/m²





EASY LAYING

Everlay® shortens installation time by eliminating delays caused by the drying time of the floor foundation. Laid without glue on suitably prepared surfaces, Everlay® provides a continuous base on which the new flooring can be glued.



› Mondoflex + Everlay® A



› Mondoflex + Everlay® Protection



› Mondoflex + Everlay® High Protection

EVERLAY®: European Patent Specification: EP 1 426 179 B1



MONDOFLEX II

MAXIMUM DURABILITY AND SHOCK ABSORPTION



KEY BENEFITS

- › Ultra-tough rubber for intensive use
- › Energy absorbing
- › Safe cushioned surface
- › Engineered for better performance
- › Unique, all-in-one design

ENSURED COMPRESSIVE STRENGTH

Mondoflex II delivers $\geq 25\%$ shock absorption, in compliance with EN 14904 standard along the years.

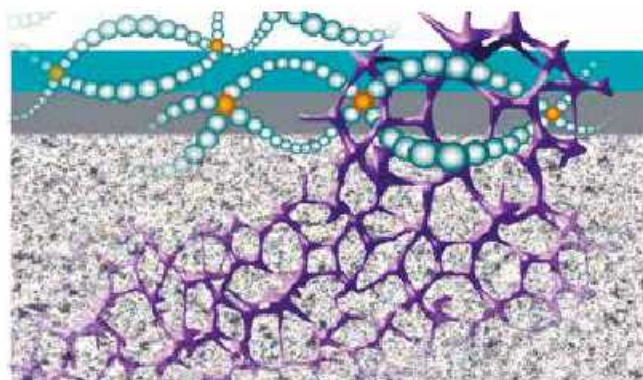
THE VULCANIZED ADVANTAGE

Mondo was the first company to vulcanize sports surfaces, manufacturing one strong piece of rubber with two different physical properties, allowing customization for various uses. Mondo's proprietary vulcanization process uses only virgin rubber—never recycled—permanently fusing surface layers together with high heat and pressure for ultimate strength, resistance and elasticity. It also ensures that the biomechanical and physical properties stay consistent and never separate over the products' long lifespan.

RUBBER IS THE BEST IN CLASS

- › Durable under intensive use
- › No welded joints that can tear easily
- › Compatible with Everlay; resists moisture
- › Ease of maintenance over the years
- › Performs well in all temperatures

VULCANIZATION PROCESS



GREEN FACTS

- › Greenguard Certification
- › Greenguard Gold Certification
- › Class A+ VOC French Decret 2011-321
- › REACH Compliant
- › Non Hazardous Waste according to the E.W.C
- › The Mondoflex Environmental Product Declaration (EPD) for Life Cycle Analysis shows it has 19% less impact on the environment than similar PVC products

SPORT CERTIFICATIONS AND APPROVALS

- › FIBA Certificate of Approval for Synthetic Flooring Category, Level 2 and 3
- › IHF 2017 Certificate of Approval for Synthetic Floorings
- › EN 14904



Surface

P1 



Backing



Color range



MF90 MF61 MF62 MF21 MF25



MF70 MF10 MF30 MF33 MF18



MF40

 7,5 mm  1,90 m x 18 m  6,1 kg/m²



VINYLSPORT

PLAY WITH COLORS!



KEY BENEFITS

- › Brand new color palette
- › Ideal for schools, multiple and recreational facilities
- › Perfect for everyday activities
- › Ease of maintenance

GREEN FACTS

- › Class A+ VOC French Decret 2011-321
- › Non Hazardous Waste according to the E.W.C
- › REACH Compliance

SPORT CERTIFICATIONS AND APPROVALS

- › FIBA Certificate of Approval for Synthetic Flooring Category, Level 2 and 3
- › IHF 2017 Certificate of Approval for Synthetic Floorings

Surface



Color range



2 mm 2 m x 20 m 2,25 kg/m²



VINYLSPORT PERFORMANCE



START THE BALL ROLLING.

KEY BENEFITS

- › Rolls of prefabricated PVC sports flooring ideal for sports events
- › Exceptional value for the money
- › Unique, all-in-one design
- › Special, embossed surface layer with matt, non-slip finishes
- › Scratch-resistant top covering in PU
- › Fused with absorbing foam backing

DESIGNED FOR SPORT EVENTS

- › Ensures $\geq 25\%$ KA shock absorption and easy to install fixed or removable, always without glue
- › Optimum friction coefficient from the embossed surface for total playing comfort
- › Enhanced ball bounce

GREEN FACTS

- › Class A+ VOC French Decret 2011-321
- › Non Hazardous Waste according to the E.W.C
- › REACH Compliance

SPORT CERTIFICATIONS AND APPROVALS

- › FIBA Certificate of Approval for Synthetic Flooring Category, Level 2 and 3
- › IHF 2017 Certificate of Approval for Synthetic Floorings
- › EN 14904
- › BWF Certificate of Approval

Surface

P1 $\geq 25\%$



Color range



7 mm 1,95 m x 20 m 4,25 kg/m²
 9,5 mm 1,95 m x 20 m 5,1 kg/m²

POINT ELASTIC PRODUCTS

Shock Absorption Ka%

$\geq 25\%$

P1

Vinylsport Performance

$\geq 35\%$

P2

Vinylsport High Performance

Performance

FTS ENERGY REBOUND



PROTECT THE FLOOR, PROTECT THE USERS.

KEY BENEFITS

- › Compatible with Mondoflex
- › Rubber: best pointelastic system with lowest vertical deformation
- › Overlapped joints eliminates joints problems



› FTS Energy Rebound

AIRBED

FOR YOUR CONFORT.

KEY BENEFITS

- › Confort
- › Best solution for Calisthenic
- › Foam underlayment with high shock absorption levels (up to 50% KA)



› Airbed



SPORT PROTECTION FLOOR



PROTECT YOUR SPORT FLOORING.

Multilayer vinyl floor coverings, reinforced with fibreglass on a vinyl foam base. Ideal for protecting sports floors, especially those made of wood.

FUNCTIONAL CHARACTERISTICS

The opaque and monochrome top wear layer, free from any micro-cavities, is easy to clean and practical to handle within sports facilities. It is laid using suitable adhesive tape or double-sided tape.

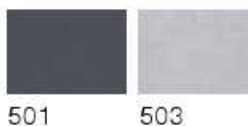
Surface



Dimensional information

Thickness	1,5 mm
Roll length	25 m
Roll width	200 cm
Weight	1,6 kg/m ²

Color range



MONDOELASTIC

PLAY HARD. STAY COMFORTABLE.



KEY BENEFITS

- › Exceptional shock absorption supports heavy rolling loads
- › Handles heavy equipment like telescopic stands and basketball backstops
- › Ensures compressive strength

BEST BALL BOUNCE WITH PERFECT EQUILIBRIUM

The top quality wood finish coupled with special Air Cell® Pads creates the perfect equilibrium between energy absorption and return. This guarantees a uniform response for ball bounce.

ENERGY GIVEN, POWER RETURNED WITH RUBBER AIR CELL® PADS

Guaranteed, unparalleled balance of energy return, shock absorption and uniformity.

Surface



AIR CELL® PADS



Dimensional information

Thickness	62 mm
Weight	16,7 kg/m ²

SPORT CERTIFICATIONS AND APPROVALS

- › FIBA Certificate of Approval for Wooden Flooring Category, Level 1
- › EN 14904



ZETA SYSTEM FTS

THE SOLID, FIRM SOLUTION.

KEY BENEFITS

- › Best uniformity and resistance
- › Solid composition makes the systems compact
- › Facilitates rolling loads like basketball units, speaker platforms, roller hockey, wheelchair sports, etc.

FTS SHOCK PAD

Enjoy the advantages of the rubber underlayment. Get comfort + resistance + uniformity + shock absorption.

PROVEN HEAT DIFFUSION

Ideal solution for facilities with underfloor heating and heavy load performances.

SPORT CERTIFICATIONS AND APPROVALS

- › FIBA Certificate of Approval for Wooden Flooring
- › EN 14904

Surface



Dimensional information

Thickness	38 mm
Weight	19,8 kg/m ²

ZETA SYSTEM

WOOD SURFACE AT AN UNBEATABLE PRICE.

KEY BENEFITS

- › Pre-finished, pre-varnished wood on slatted phenolic plywood boards over an elastic expanded polyurethane tile underlay
- › The most competitive solution in its class for multipurpose uses

EXCELLENT SHOCK ABSORPTION WITH WOOD LOOK

Expanded underlay provides optimum levels of shock absorption for comfort and protection.

SPORT CERTIFICATIONS AND APPROVALS

- › FIBA Certificate of Approval for Wooden Flooring Category, Level 1
- › EN 14904

Surface



Dimensional information

Thickness	41 mm
Weight	14,2 kg/m ²

FAST BREAK SYSTEM 2



THE SYSTEM FOR CHAMPIONS.

KEY BENEFITS

- › Portable tile flooring system
- › Consists of different finishes on the upper layer over load-bearing phenolic marine-plywood that is supported by rubber pads
- › Ensures resistance at the highest level of competition
- › Handles heavy basketball units

THE CORE OF SYSTEM: RUBBER PADS

Offers resiliency after controlled deflection due to rubber pads under the tiles. When energy is given, power is returned. The system promises exceptional shock absorption values for the highest level of competition.

BUILD IT FAST

Unique snap-interlocking system does not require extra fastening elements or layers. Packaged in containers for convenient transport and storage.

DIFFERENT NEEDS: DIFFERENT SURFACES

Fast Break System 2 Wood finish: BASKETBALL.
Fast Break System 2 Laminated finish: FUTSAL.
Fast Break System 2 Mondoflex: MULTISPORT.

SPORT CERTIFICATIONS AND APPROVALS

- › FIBA Certificate of Approval for Wooden Flooring Category, Level 1
- › EN 14904



Surface



Surface



Dimensional information
Fast Break System 2 Wood

Thickness	48 mm
Weight	19,4 kg/m ²
Tile size	120 x 60 cm / 60 x 60 cm

Fast Break System 2 Laminated

Thickness	45,8 mm
Weight	16,7 kg/m ²
Tile size	120 x 60 cm / 60 x 60 cm



ELASTIFLEX

PLAY ON RUBBER. PERFORM ON TOP



KEY BENEFITS

- › Multipurpose/multisport rubber flooring that performs like a sports arena
- › Durable finish holds up under intense use
- › Mondoflex finish with the advantages of Rubber Air Cell® Pads

NEW, IMPROVED MONDOFLEX

This renovated product promises the ultimate smooth, non-slip, anti-glare rubber surface for countless indoor sport applications.

RUBBER IS THE BEST IN CLASS

- › Long-lasting and durable under intensive use
- › No welded joints that can tear easily
- › Compatible with different underlayment for varying needs
- › Ease of maintenance over the years
- › Best performance in different temperature conditions

RUBBER AIR CELL® PADS

When energy is given, power is returned. This guarantees an unparalleled balance of energy return, shock absorption and uniformity.

RUBBER ON TOP, RUBBER BENEATH

- › Excellent shock absorption
- › Great durability and resistance
- › Optimum friction coefficient from the smooth surface for total playing comfort
- › Enhanced ball bounce

Surface



AIR CELL® PADS



Dimensional information

Thickness	56,5 mm
Weight	16,5 kg/m ²

CERTIFICATIONS AND APPROVALS

- › FIBA Certificate of Approval for Wooden Flooring Category, Level 1, 2 and 3
- › IHF 2017 Certificate of Approval for Synthetic Floorings
- › EN 14904



PREMIERPLUS MONDOFLEX



UPGRADE YOUR HALL AT A COMPETITIVE PRICE.

KEY BENEFITS

- › Highly shock-absorbent multisport flooring with a Mondoflex surface
- › Ideal for multipurpose use in schools, gyms and multifunctional areas

MONDOFLEX EXPERIENCE

After years of success as Mondo's preeminent rubber surface, with millions of square feet of flooring installed worldwide, an improved Mondoflex has been introduced. This renovated product promises the ultimate smooth, non-slip, anti-glare rubber surface for countless indoor sport applications.

RUBBER IS THE BEST IN CLASS

- › Long-lasting and durable under intensive use
- › No welded joints that can tear easily
- › Compatible with different underlayment for varying needs
- › Ease of maintenance over the years
- › Best performance in different temperature conditions

EXCELLENT SHOCK ABSORPTION LEVEL

Expanded underlay provides optimum levels of shock absorption for confort and protection.

MAIN FEATURES

- › Excellent shock absorption
- › All Mondoflex advantages for the surface
- › Best value for the money
- › Available with a value-for-money Vinylsport PVC finish to meet your needs

Surface



Color range



CERTIFICATIONS AND APPROVALS

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- › IHF 2017 Certificate of Approval for Synthetic Floorings

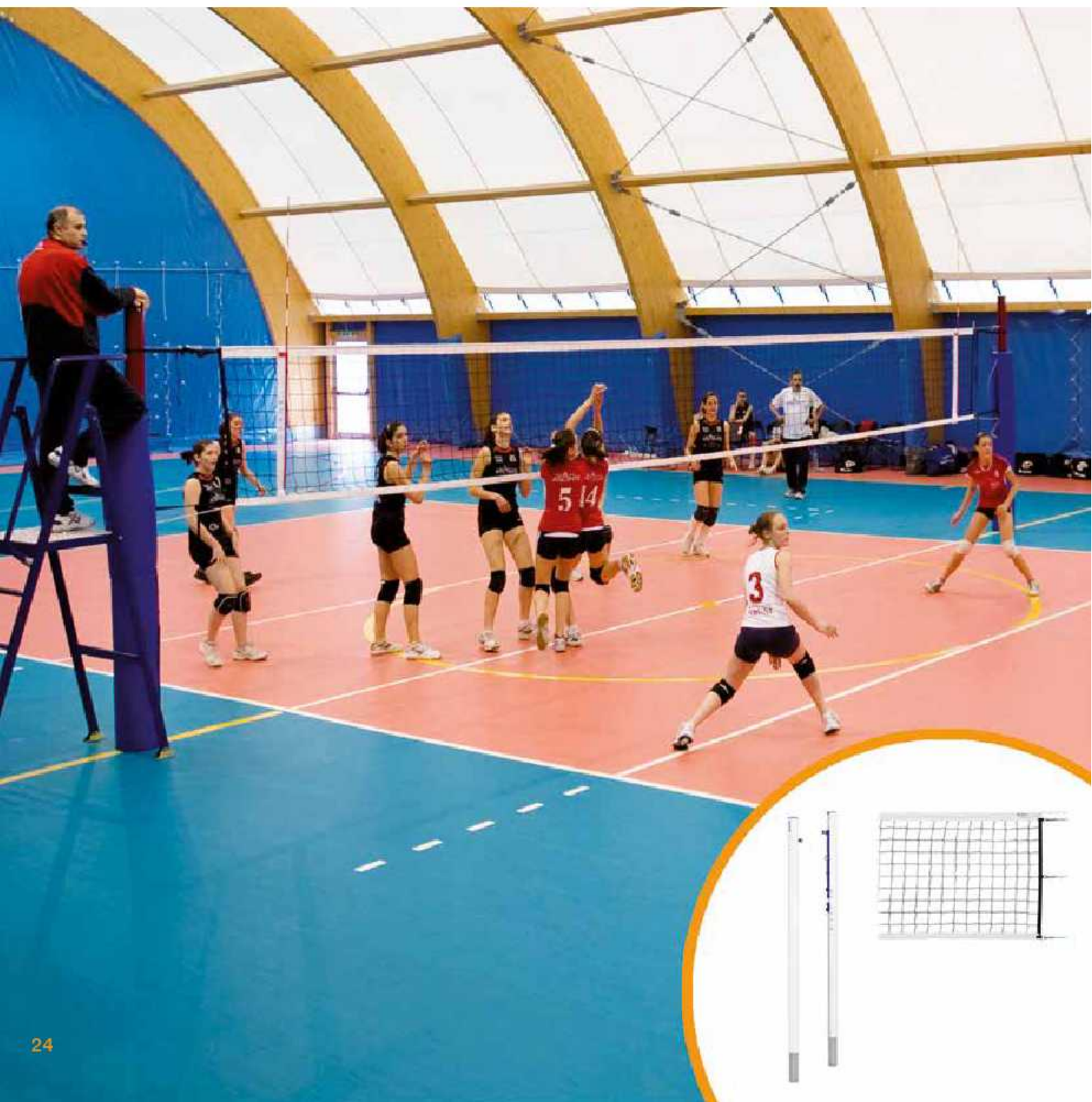


EQUIPMENT FOR INDOOR SPORTS FACILITIES

EQUIPMENT FOR SPORTS HALLS AND GYMNASIUMS

Mondo's Research & Development Centre in Zaragoza draws on years of experience in the field to design and develop the best sports equipment. Mondo's engineers and architects understand how the quality of sports equipment is crucial in

sports facilities; that's why each item is designed and produced in-house, with strict supervision during all production stages. Mondo strives to elevate sports for both athletes and spectators.





VIDEOSCREENS AND LED SYSTEMS

Mondo has invested in the most advanced research and development to ensure that all video screens are of the highest quality and reliability at both the design and technological levels.



Model	Dimension (m)	Surface (m ²)	Modules	Resolution (px)	Weight (Kg)	Cabinet (mm)	Consume (w)	Noise	Instalation
Indoor 3	2 x 1,50	3	8 (P6 SMD)	336x252	94	500x1000 500x500	aver. 720	Very low*	Easy
Indoor 10	4 x 2,50	10	16 (P6 SMD)	672 x 420	306	500x1000 500x500	aver. 2.160	Very low*	Easy
Indoor 12	5 x 2,50	12,5	30 (P6 SMD)	840 x 420	383	500x1000 500x500	aver. 2.880	Very low*	Easy

MONDOVIDEO / MONDOPLAYER Software

These LED screens are equipped with the Mondovideo and Mondoplayer systems. The first one allows you to view different video and image file formats on the LED screen, while the second allows you to use the screen as a sports scoreboard.

One of the main advantages of Mondovideo system is that, with a single software package, you can access different scoreboards according to the particular sporting discipline, since it integrates layouts for various sports. In addition, Mondovideo works and supports the sports information reception through the traditional console system, where the data was sent to the sports scoreboard so that the update of information regarding scores, fouls, etc. is really simple.



CUSTOM CONSULTATION SERVICE

Mondo's technical department customizes a plan for each client to meet individual needs and establish the best solution. The initial engineering analysis identifies the appropriate structural elements and selects the most suitable LED model and electronic control system. In addition, Mondo designs and develops specific Mondovideo software to allow concurrent use of the video screen as an electronic scoreboard.

Mondo brings together the best professionals in the industry, with customer support that begins with the installation and continues throughout the post-sales phase.



ELECTRONIC SCOREBOARDS

Mondo's electronic scoreboards and score-keeping systems meet all the requirements of the various sports federations. Electronic scoreboards

are equipped with remote control consoles, even in high-level competition versions.



SEATING SYSTEMS

Mondo's seating systems ensure optimal durability, functionality and ergonomics. The Mondoseat and Venelli Seating ranges include products that are suitable for different types of facilities, from large indoor arenas to school gymnasiums, with monobloc and tip-up seating. Mondo also offers customized solutions for fixed and telescopic stands.

TELESCOPIC STANDS

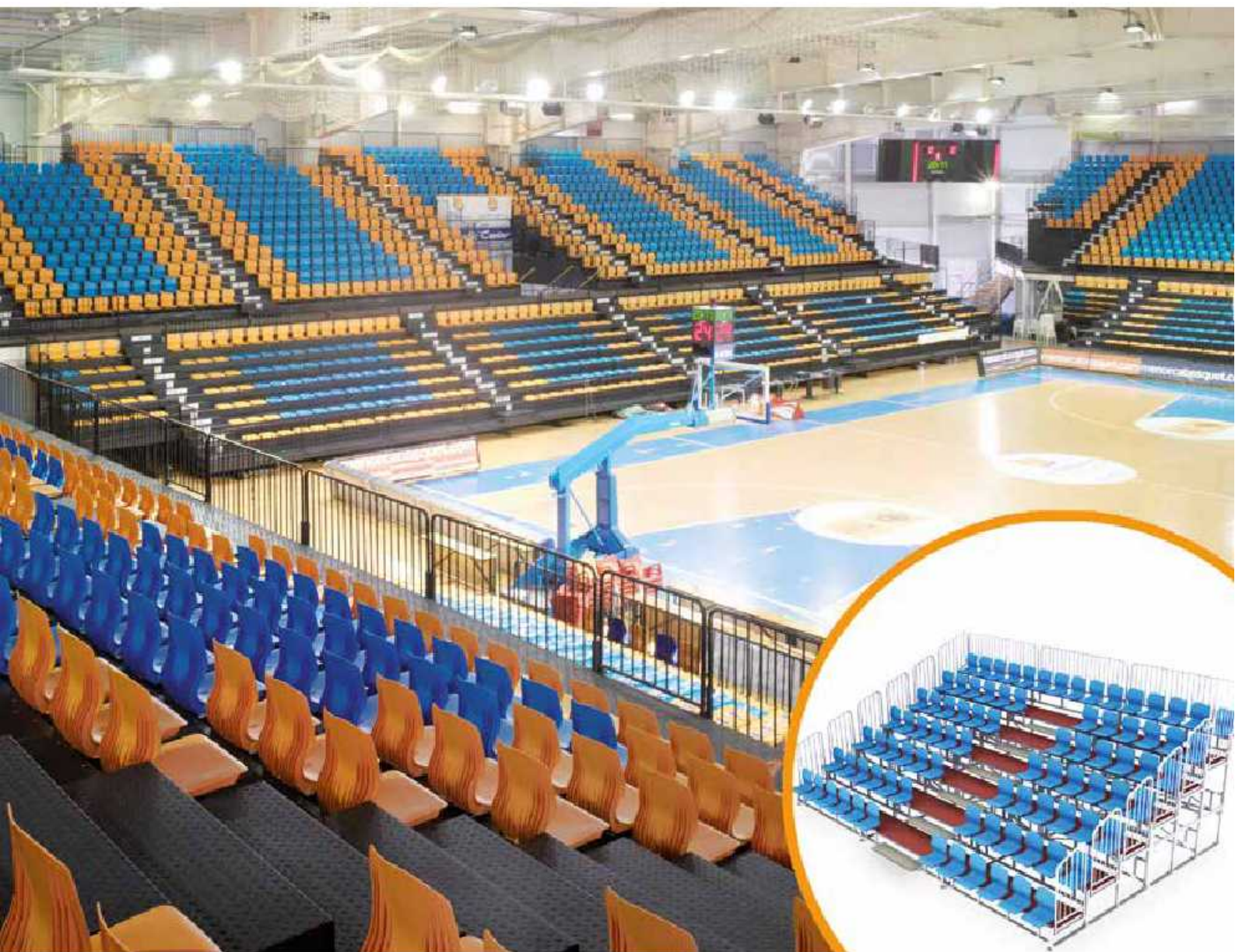
Designed to meet the needs of each project, Mondo's telescopic stands help maximize capacity in indoor facilities. When stands are not in use, they can be folded away, requiring very little space. Telescopic stands are available with motorized or manual handling systems.

FIXED STANDS

Mondo fixed stands are a viable alternative to the construction of concrete stands. The design of each flight of steps is customized for each facility, and built according to a modular system, with finishes specified by the client.

PORTABLE STANDS

A multipurpose standard module that is easy to move to any part of the sports hall, Mondo portable stands can also be used outside.









LONDON 2012 OLYMPIC GAMES THE O2 ARENA

“When installing flooring for an event like the Olympic Games, great care must be given and full advantage must be taken of the window of time made available.

Also respecting other people who have to work within the structure at different times.

Often times are tight and dictated by the facility’s safety managers.”

Joe Hoekstra

London 2012 Mondo Project Manager

“Fast Break System 2 can be fitted quickly and removed even more quickly.

The installation inside the Basketball Arena required 5 hours, while 3 to 4 hours are needed to dismantle.”

Paolo Ferella

Installer and laying supervisor inside The O2 Arena





GYMNASE DU LYCÉE JEHAN ANGO DE DIEPPE, FRANCE

“The gyms and the equipment used by Jehan Ango e du Golf high school students were very old and did not give the opportunity to practice all disciplines potentially offered by the facility.

After renovation, with a catchment area of 2,400 students, this is now the largest gym in the Haute-Normandie region in size and variety of services offered.”

Eng. Loetitia Thery

Project manager and representative of the Haute-Normandie region







PABELLÓN ESTADIO MIRALBUENO EL OLIVAR, ZARAGOZA, SPAIN

“We trust Mondo because we know the quality of its products and because the company is able to offer a complete service by equipping the structure of our club from the wooden floor to the equipment for different sports.

The result is outstanding: today our partners have a structure of the highest level, with floors and equipment with unique features that are accessible both from the youth teams and from the official teams; we can also arrange level events in our facility!”

José Luis Josa Fornies

President - Estadio Miralbueno El Olivar



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