

I N D O O R S P O R T

INDOOR SURFACES AND EQUIPMENT GUIDE

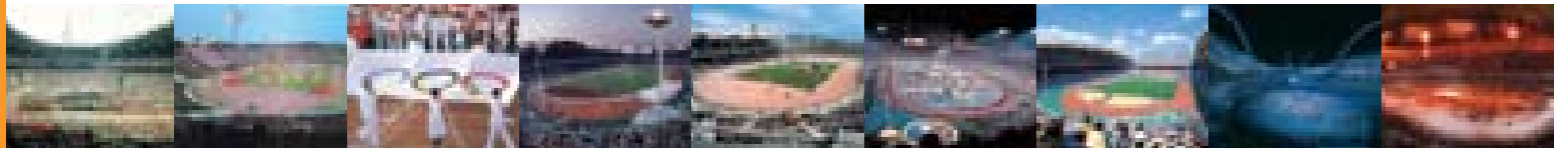


 **MONDO** INDOOR.SPORT.

WHERE
THE GAMES
COME TO PLAY

MONDO IS OFFICIAL SUPPLIER OF LONDON OF SPORT FLOORING AND EQUIPMENT 2012 OLYMPIC AND PARALYMPIC GAMES

MONDO HAS BEEN THE OFFICIAL SUPPLIER OF THE LAST NINE OLYMPIC GAMES



MONTREAL 1976 MOSCOW 1980 LOS ANGELES 1984 SEOUL 1988 BARCELONA 1992 ATLANTA 1996 SYDNEY 2000 ATHENS 2004 BEIJING 2008

Mondo has been a family owned company since its beginning in 1948. Mondo's success has been built upon our investments in technology and our commitment to the highest quality standards in the industry. Today, Mondo is a global company with over 1500 employees in 13 production plants and sales subsidiaries, selling products in 193 countries. Mondo is the largest volume producer of sport surfaces.



ENVIRONMENTALLY FRIENDLY

CREATING ACTIVE ENVIRONMENTS IN PARTNERSHIP WITH NATURE

Mondo rubber flooring is safe for the environment at every stage of its life, from production to storage, from initial installation to use and to eventual disposal.

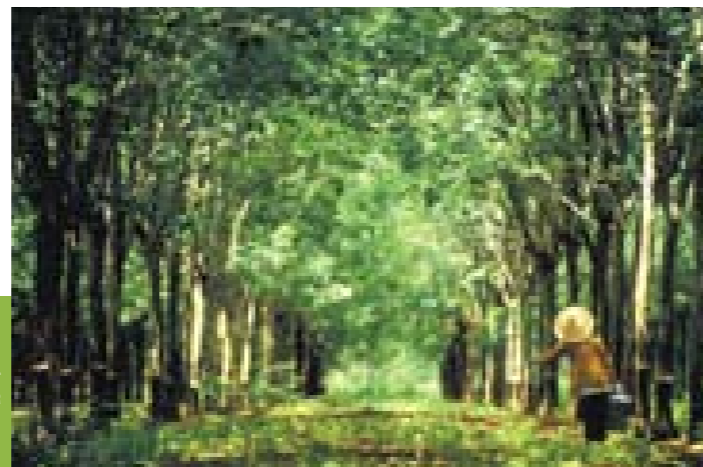
PRODUCTION

Mondo scrutinizes each step of the production cycle to minimize resource waste and eliminate toxic gases.

Mondo is proud to meet or exceed CE and other international standards for integrity in production and products.

ECO-COMPATIBLE RAW MATERIALS

Mondo's products are made from natural and synthetic raw materials that are not considered harmful by the most stringent national and international standards. The raw materials that are employed are selected and constantly controlled within the production site and verified by approved independent laboratories to meet or exceed the current environmental standards.



NATURAL
RUBBER

RESEARCH & DEVELOPMENT

EACH YEAR, WE INVEST 6% OF OUR REVENUES IN RESEARCH & DEVELOPMENT

RESEARCH

Years of research in partnership with coaches, athletes and biomechanical experts provide us with a wealth of knowledge that we apply to develop the products we manufacture.

The Mondo research centers in Italy, Canada and Spain also work in close collaboration with world-renowned laboratories, including:

- University of Zurich
- University of Rome
- Harvard University
- Institute of biomechanics of Valencia (IBV)
- Human Performance Laboratory of Calgary (HPL)

GOALS

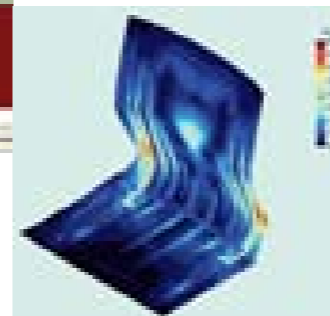
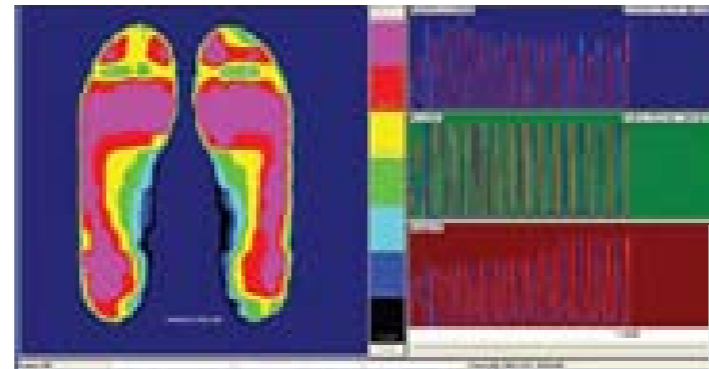
Develop technologically advanced products that can improve athletic performances while safeguarding the human body.

Develop products specifically designed to meet the requirements of each sports.

Reduce the life cycle cost of the products.

Manufacture products that can be recycled after their useful life.

Update and upgrade the products according to future International Standards.



A WORLDWIDE TEAM OF EXPERTS

3 R & D AND INNOVATION CENTERS
 40 ARCHITECTS AND ENGINEERS
 200 TECHNICIANS
 100 ACCREDITED INSTALLERS
 196 COUNTRIES DESERVED BY
 2,500 AUTHORIZED DEALERS AND RESELLERS

CONSULTING AND DESIGN

Our technicians know the laws and regulations currently in force, and can assess the details and issues of various projects, recommending made-to-measure solutions.

Mondo has been designing and installing sports facilities for 60 years: more than half a century's experience in the sector means that our designers understand the developments and issues involved in each sport.

Mondo can meet its customers' specific requests by delivering designs that take into account the financial resources, size and performance specifications required by each client.

CONSTRUCTION

Mondo has a highly experienced technical team specialised in every stage of building a sports installation. Mondo does more than just provide the materials and create playing surfaces.

We are able to draw on specialists who can intervene in order to build the facilities in which the installations will be housed, and the ancillary structures.

Our technicians monitor the construction and fitting out of all buildings, providing valuable on-site project management assistance.

INSTALLATION

Mondo is responsible for installing and laying its materials, relying on competent, well-qualified teams who are always up to date with the latest developments in the sector.

Mondo works with the managers and operators of sports facilities so that the installation will be integrated perfectly with its operational environment.

Product quality and performance are protected at every stage.

SERVICE

Mondo does more than simply provide after sales advice on its products. Tell us about the problems you have experienced with faulty supplies and we can recommend the right Mondo product to resolve the problem.

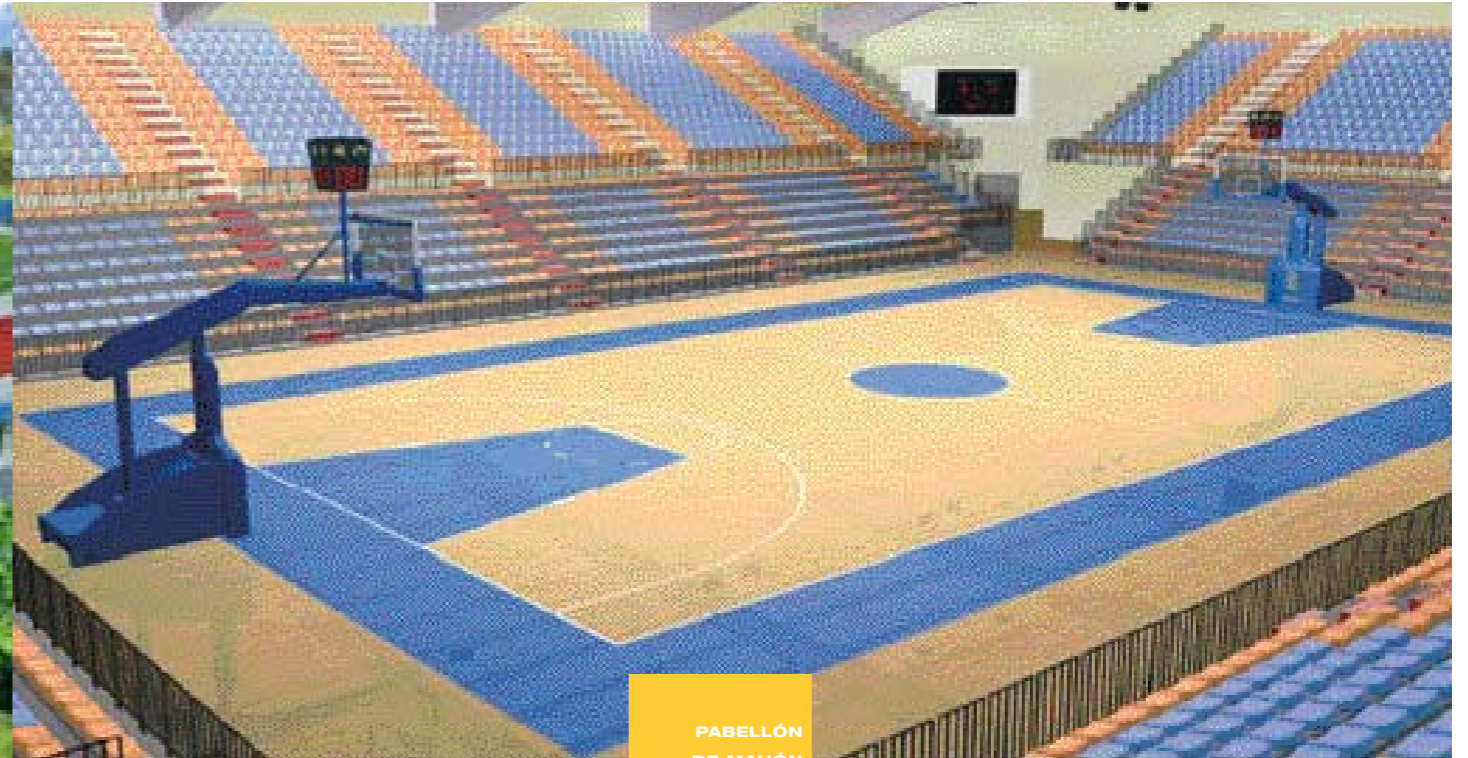
DESIGN BUILD



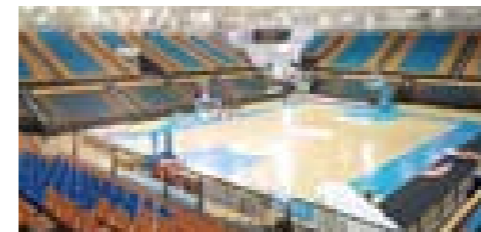
MBUCO MABELE STADIUM ANGOLA



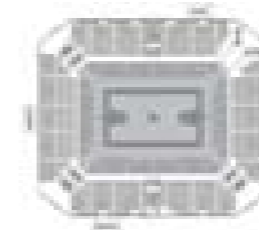
- 1 FOOTBALL FIELD
- 1 8-LANE STRAIGHT, 130 M
- 1 MULTIPURPOSE FIELD 44X 22M
- PREFABRICATED BUILDINGS FOR:
 - MEDICAL STRUCTURES AND TOILETS
 - VIP AND PRESS AREAS AND RECEPTION ROOM
 - COFFEE BAR AND TECHNICAL ROOMS
- FIXED TRIBUNES AND SEATS



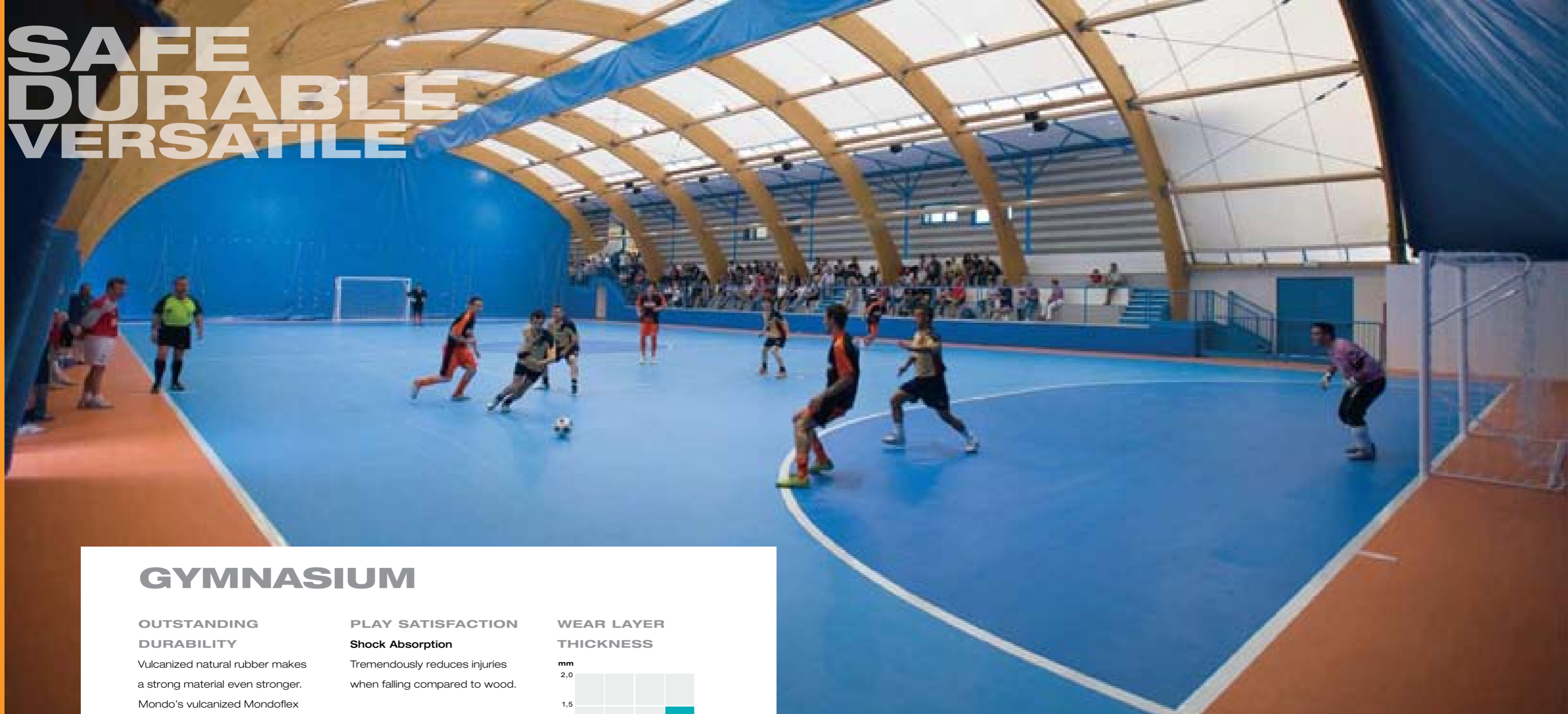
PABELLÓN DE MAHÓN SPAIN



- 1 MULTISPORT WOODEN FIELD WITH BASKETBALL EQUIPMENT
- TELESCOPIC AND DISMOUNTABLE TRIBUNES WITH A CAPACITY OF OVER 5,000 SEATS
- SCOREBOARDS
- CHANGING ROOMS
- VIP AREA, PRESS AREA AND RECEPTION ROOM
- MEDICAL ROOMS, MASSAGE ROOMS AND ANTI-DOPING TEST AREA
- TECHNICAL ROOMS
- COFFEE BAR
- TOILETS



SAFE DURABLE VERSATILE



GYMNASIUM

OUTSTANDING DURABILITY

Vulcanized natural rubber makes a strong material even stronger. Mondo's vulcanized Mondoflex surface has maximum elasticity with unparalleled durability.

Surface deterioration is minimal throughout the long life of the gym.

Easy to maintain

Non-porous surface. Requires no coatings.

Antibacterial

Permanent fungicidal and bacteriostatic treatment that prevents the growth of microorganisms on and in the flooring.

PLAY SATISFACTION

Shock Absorption

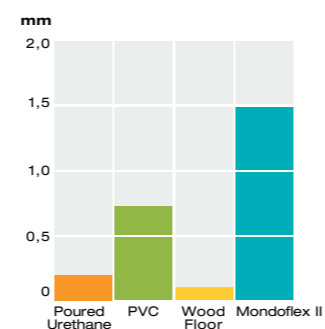
Tremendously reduces injuries when falling compared to wood.

Optimum energy return compared to poured urethane and PVC.

Ideal rotational and translational friction for basketball, volleyball, futsal, handball and badminton.

Constant ball bounce.

WEAR LAYER THICKNESS



Mondoflex features a full 1,5 mm wear layer compared to thin coatings applied to other products.



MONDOFLEX series
rubber surfaces
pages 24 - 27

MONDOSPORT series
vinyl surfaces
pages 28 - 29

WOOD SYSTEMS
pages 30 - 33

EVERLAY
underlayment
pages 36 - 37

SPORT PROTECTION FLOOR
page 35

EQUIPMENT
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SCOREBOARD
pages 50 - 51

MONDOSEAT
pages 52 - 53



VERSATILE

DURABLE



EASY TO MAINTAIN

MONDOFLEX series
rubber surfaces
pages 24 - 27

MONDOSPORT series
vinyl surfaces
pages 28 - 29

MONDOCOURT
portable surface
page 35

FAST BREAK SYSTEM 2
MONDOFLEX / MONDOSPORT
modular system in tiles
page 34

EQUIPMENT
pages 48 - 49

MONDOTRACK SX
world-leading track
pages 38 - 39

SPORTFLEX
economical and
multipurpose
pages 40 - 41



INDOOR TRACKS & MULTIPURPOSE

DURABILITY

Vulcanized natural rubber makes a strong material even stronger. Mondo's vulcanized surfaces have maximum elasticity with unparalleled durability. **Surface deterioration is minimal throughout the long life of the gym.**

Shock Absorption

Tremendously reduces injuries when falling, compared to wood.

Easy to maintain

Non-porous surface.
Requires no coatings.

VERSATILE

The natural elasticity of rubber provides a cushion under foot, while being unaffected by point loads. **Ideal for basketball, volleyball, futsal, handball and badminton. Withstands tables, chairs, heels, etc... and allows the practice of any kind of activities.**

TRACKS

Unrivalled point load recovery

Bleachers, benches, vans and equipment area.

Embossed texture surfaces

Granule-free, never cracks or shrinks.

Low maintenance

No need for protective coatings or refinishing.

Easy to repair

Compared to poured surfaces.

Low life cycle costs

No need to resurface.

Stain resistant

Easy to clean.

OFFICIAL SUPPLIER

UEFA Futsal Championships 2007

Porto/Gondomar, Portugal

UEFA Futsal Cup Final 2008

Moscow/Yekaterinburg, Russia

UEFA Futsal Championships 2010

Budapest, Hungary



FUTSAL

ARENAS

MONDO

**UEFA FUTSAL
CHAMPIONSHIP**

The UEFA Futsal Championship is the main national futsal competition of the UEFA nations. It was first held in 1996 and since 1999 has been played every two years. Mondo was the Official Supplier of the UEFA Futsal Championship that was held in Hungary in 2010.

**FAST BREAK
SYSTEM 2
LAMINATED**
modular system in tiles
page 34

EQUIPMENT
pages 48 - 49

SCOREBOARD
pages 50 - 51

MONDOSEAT
pages 52 - 53

BASKETBALL

ARENAS

**OFFICIAL EQUIPMENT
SUPPLIER ATHENS
OLYMPIC GAMES**

**OFFICIAL FLOORING &
EQUIPMENT SUPPLIER
BEIJING OLYMPIC GAMES**

**FAST BREAK
SYSTEM 2 WOOD**
portable wood flooring
page 34

EQUIPMENT
pages 48 - 49

SCOREBOARD
pages 50 - 51

MONDOSEAT
pages 52 - 53

FIBA OFFICIAL SUPPLIER

- Official Partner • Since 1994
- Vinyl flooring • Since 1994
- Baskets • Since 1997
- Wood flooring • Since 2000
- Scoreboards • Since 2001
- Seating • Since 2003



EUROLEAGUE BASKETBALL OFFICIAL SUPPLIER
SEASON 2009-2010

Sponsor & equipment • Prague 2006, Madrid 2008
Equipment • Athens 2007

HANDBALL

VOLEYBALL

ARENAS



PERFORMANCE

- Optimum energy return.
- Ideal rotational and translational friction.
- Excellent traction.



PORTABLE COURT SYSTEMS
page 35

EQUIPMENT
pages 48 - 49

SCOREBOARD
pages 50 - 51

MONDOSEAT
pages 52 - 53



SPORT IMPACT
speckled pattern
RAMFLEX
marbled pattern
FORZA
high recycled content
pages 42 - 43
HIGHJOLT
interlocking tiles
pages 44 - 45

PREMIUM WEIGHT RESISTANT



FITNESS

EXCEPTIONALLY DURABLE

Extra thick wear layer withstands heavy abuse from strength and conditioning activities.

Excellent tensile strength and resistance to abrasion.

EASY TO MAINTAIN

Non porous surface.
Requires no coatings.

SAFETY

Shock absorbent layer for unparalleled safety and comfort, reduces muscle stress and leg fatigue.

Antibacterial throughout (minimizes risk of staph infections).

COMFORTABLE





ICE SKATING

EXCEPTIONALLY DURABLE

Extra thick wear layer withstands heavy abuse from ice skate blades.

Excellent tensile strength and resistance to abrasion.

EASY TO MAINTAIN

Non porous surface.
Requires no coatings.

SPORT IMPACT
speckled pattern
RAMFLEX
marbled pattern
pages 42 - 43



DURABLE

**ICE BLADES
RESISTANT**



**INDOOR
SURFACES**

The amount of jumping, side stepping and running can cause overuse injuries, traumatic injuries and ankle sprains.

SAFE PLAY

During play, tremendous pressure is exerted on the feet, ankles and lower back. During a training session or game, a player runs several miles up and down the court. The amount of jumping, side stepping and running can cause overuse injuries, traumatic injuries and ankle sprains.

To help prevent these types of injuries a gym surface has to provide good shock absorption and proper coefficient of friction.

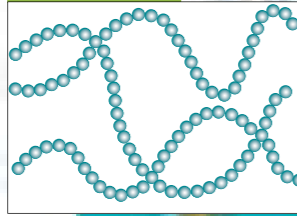
The color of the products is approximate.

The manufacturer reserves the right to modify the information without prior notification.

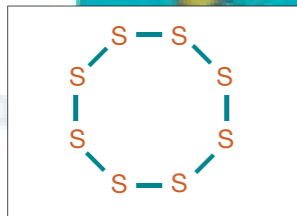
MONDOFLEX II: CREATION OF A NEW COMPOSITE

ABOUT VULCANIZATION

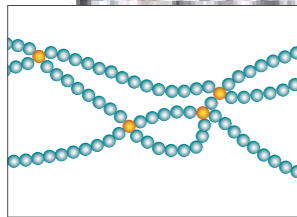
Rubber molecules are very long polymers, the strands intervene, but are not joined, this allows them to stretch while still remaining attached together. Raw rubber has the consistency of chewing gum, too stretchy and soft to be of much use.



Addition of sulphur molecules or organic peroxide, together with accelerators and retarding agents. All those components are heated together under pressure (crosslink).



The sulphur atoms attach to the ends of each rubber molecule, all along the lengths of the polymers. This increases the strength of the rubber, but still allows it some elasticity. The molecular chains link into a rigid, 3-D structure; these crosslinks tie all the polymer molecules together in one single molecule big enough to be picked up by a hand.

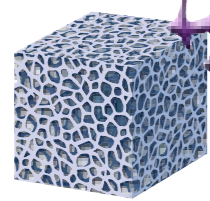


THIS PROCESS BRINGS:

Vulcanized rubber does not melt when it gets hot or doesn't get brittle when it gets cold because all the polymer molecules are tied together.

Increases Tensile strength, Tear strength, Fatigue life, and Toughness.

ABOUT POLYURETHANE FOAM



Open cell foam

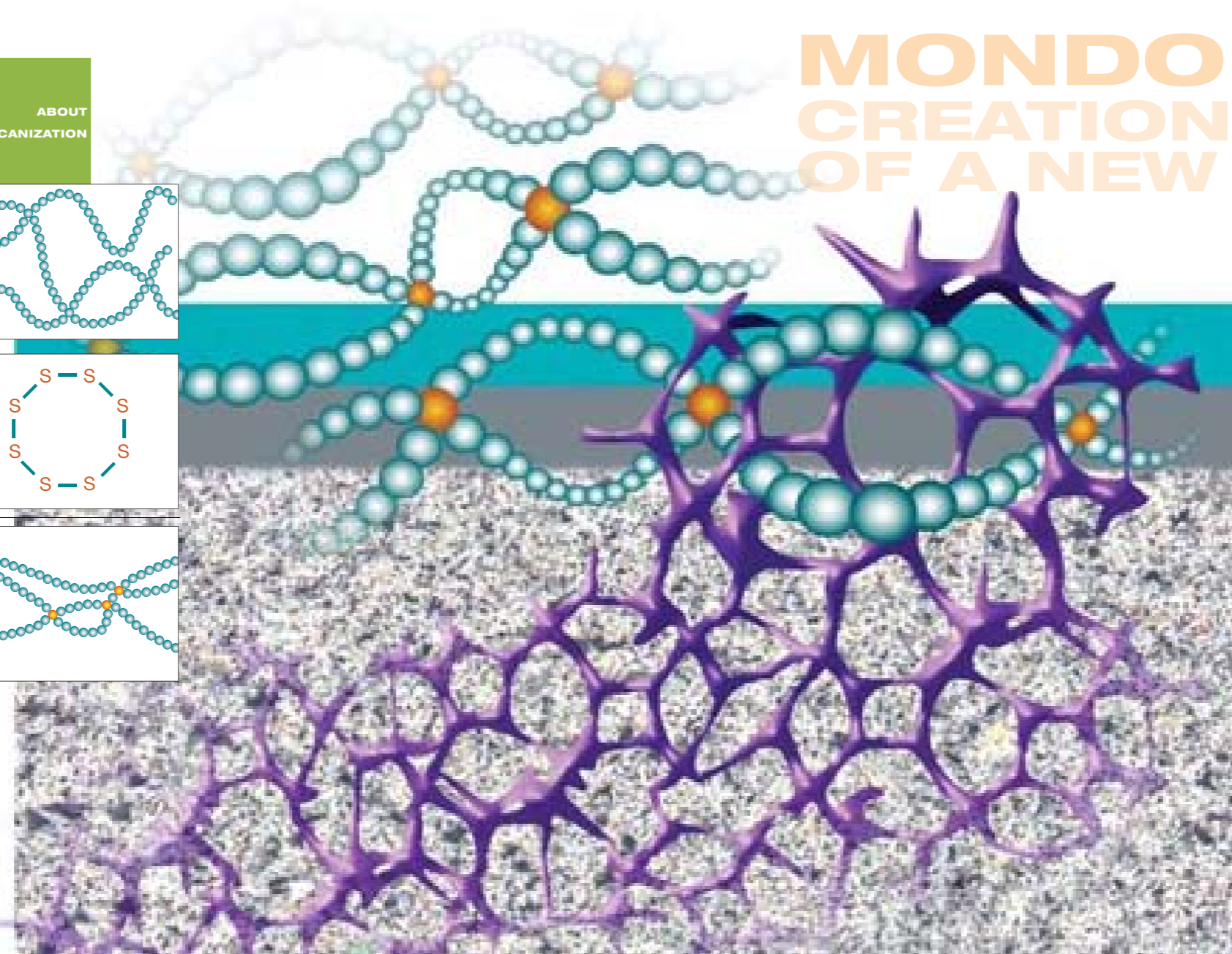
Polyurethanes are the single most versatile family of polymers there is. Polyurethane can be made in a variety of densities and hardness by varying the type of monomer(s) used and adding other substances to modify their characteristics, notably density, or enhance their performance.

Polyurethane foam is made by adding small amounts of water to one of the liquid precursors of polyurethane before they are mixed together. This reacts with a portion of the isocyanate, generating carbon dioxide throughout the liquid, creating relatively uniform bubbles which then harden to form a solid foam as polymerization progresses.

The open cell foam construction means that the foam bubbles (cells) remain mostly open, resulting after a critical stage in the foam-making process. This is a vitally important process to control the viscoelastic properties by modifying the catalysts and polyols used during the production process to make a dense yet elastic polyurethane foam and create a three-dimensional cross-linked structure.

THIS PROCESS BRINGS:

Shock absorption, energy return, insulation, noise-absorption, load-capacity & elasticity.



ABOUT OUR NEW COMPOSITE

A modern composite made of three layers, the 1st and 2nd layers made of vulcanized rubber, a thermoset material, and a 3rd layer made of a three-dimensional cross-linked polyurethane elastomer. The three layers combine during the manufacturing process to form the new generation Mondoflex gym surface.

PRODUCTION

Performance Matched to End Use

Predictable performance, the performance of foam cushioning can be matched to the end use.

Pre-manufactured

Production efficiency, guaranteed product uniformity, reduced and recycled waste.

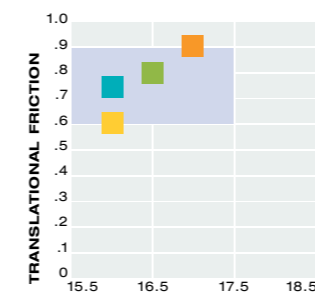
Controlled Performance Testing

In the testing laboratory, under closely controlled atmospheric conditions, performance capabilities can be evaluated using standardized testing procedures.

PERFORMANCE CHARACTERISTICS

ROTATIONAL AND TRANSLATIONAL FRICTION

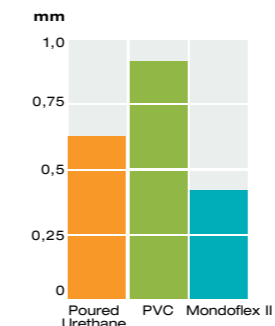
FRICTION CHARACTERISTICS
OF MONDOFLEX II VS. WOOD



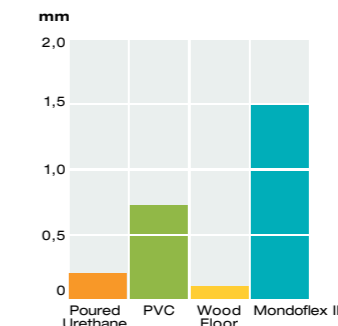
ROTATIONAL FRICTION

- Optimal Area
- Wood "dusty surface"
- Wood "normal"
- Wood "very clean surface"
- Mondoflex II

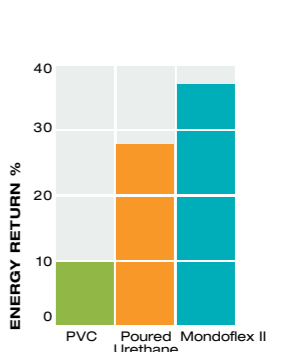
RESISTANCE TO INDENTATION



WEAR LAYER THICKNESS



ENERGY RETURN



MONDOFLEX II

COMPETITION AREAS

A modern composite made of three layers, the 1st and 2nd layers made of vulcanized rubber, a thermoset material, and a 3rd layer made of a three-dimensional cross-linked polyurethane elastomer.

The three layers combine during the manufacturing process to form the new generation Mondoflex gym surface.



PERFORMANCE CHARACTERISTICS

The system meets the requirements of EN 14904 for indoor surfaces with a sports function and offers many advantages over point-elastic and area-elastic sports flooring.

- Multipurpose
- Superior Construction
- Superior Performance
- Not a poured System
- High Durability
- Allows for acceleration and directional changes
- Engineered to reduce surface injuries: Optimal Friction
- Remains in safe performance range when wet or dusty
- Uniformity in Play
- High thermal insulation performance
- Exclusive Wear Warranty

MONDOFLEX II MAPLE



OUTSTANDING DURABILITY

Unrivalled durability and traction.

NEW BACKING

Unrivalled shock absorption.

MONDOFLEX

ECONOMICAL SYSTEM, IDEAL FOR MULTIPURPOSE AND RENOVATION, BASKETBALL, VOLLEYBALL, FUTSAL, HANDBALL AND BADMINTON



OUTSTANDING DURABILITY

Ideal coefficient of friction.

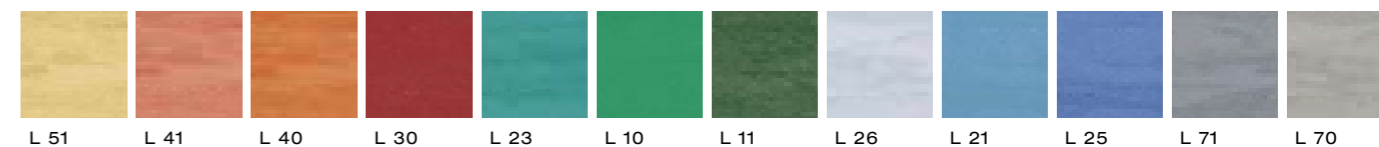
TECHNICAL DATA issued following the EN 14904 norm

Properties	Test methods	Unit of measure	Requirements	Average values resulting from production controls				
				Mondoflex		Mondoflex II		
Safety in use properties				3 mm	4 mm	7,5 mm	9 mm	11 mm
Slip resistance	EN 13036-4	-	80 ÷ 110	85	85	90	90	90
Shock absorption	EN 14808	%	25 ÷ 34 (type 1)	-	-	25,5	28	33
Vertical deformation	EN 14809	mm	≤ 2 (type 1)	≤ 0,25	≤ 0,25	1	1,2	1,4
Technical properties				Mondoflex		Mondoflex II		
				3 mm	4 mm	7,5 mm	9 mm	11 mm
Vertical ball behaviour	EN 12235	%	≥ 90	≥ 95	≥ 95	≥ 98	≥ 98	≥ 98
Resistance to a rolling load (1500 N)	EN 1569	mm	≤ 0,5	in conformity				
Resistance to wear <small>*(H18 wheels, 1 kg, 1000 cycles)</small>	EN ISO 5470-1*	mg	≤ 1000	in conformity				
Reaction to fire	EN 13501-1	CLASS	-	C _s -s1	C _s -s1	B _s -s1	B _s -s1	B _s -s1
Specular gloss	EN ISO 2813	%	≤ 30	in conformity				
Resistance to indentation	EN 1516	mm	≤ 0,5	≤ 0,05	≤ 0,65	≤ 0,1	≤ 0,12	≤ 0,15
Resistance to impact	EN 1517	mm	≤ 0,5	in conformity				
Optional properties				Mondoflex		Mondoflex II		
				3 mm	4 mm	7,5 mm	9 mm	11 mm
Colour fastness to artificial light <small>** (method 3)</small>	ISO 105-B02**	degree	-	≥ 6	≥ 6	≥ 6	≥ 6	≥ 6
Dimensional stability	EN 434	%	-	no appreciable variation				
Thermal resistance	EN 12667	m ² K/W	-	0,009	0,012	0,095	-	-
Thermal conductivity	EN 12667	W/mK	-	0,32	0,34	0,079	-	-
Improvement in footfall sound absorption	ISO 140/8 ISO 717/2	dB	-	11	13	-	-	-
Hardness	ISO 7619	Shore A	-	65	65	-	-	-
Hardness of wear layer	ISO 7619	Shore A	-	-	-	85	85	85

Mondo keeps the right to modify the characteristics of the products in any moment.

MONDOFLEX | I 3 mm | 4 mm | 152 cm | 190 cm | 14 mtl | 15,1 mtl
 | 3 mm: 4,5 kg/m² | 4 mm: 6 kg/m²

MONDOFLEX II | I 7,5 mm | 9 mm | 11 mm | 183 cm | 190 cm | 14 mtl | 18,1 mtl
 | 7,5 mm: 6,1 kg/m² | 9 mm: 7,5 kg/m² | 11 mm: 8,1 kg/m²



MONDOSPORT I | MONDOSPORT II

MONDOSPORT II

IDEAL FOR INDOOR MULTIPURPOSE AREAS, BASKETBALL, VOLLEYBALL, HANDBALL, BADMINTON AND FUTSAL



TOP WEAR LAYER

SEALSKIN EMBOSSED FINISH

Provides optimal traction and proper coefficient of friction for comfortable play.

CONSISTENT BALL BOUNCE

Firm surface which allows the ball to bounce at approximately 98% according to the standard EN 14904.

Excellent result according the shock absorption test. Mondosport II exceed the requirements demanded by the norm EN 14808.

ANTIBACTERIAL

Permanent fungicidal and bacteriostatic treatment that prevents the growth of micro organisms on and in the flooring.

NEW BACKING

Bottom layer made of a three-dimensional cross-linked polyurethane elastomer. The wear layer and shock absorption layer combine during the manufacturing process to form the new generation Mondosport gym surface.

MONDOSPORT I

ECONOMICAL SYSTEM, IDEAL FOR MULTIPURPOSE AND RENOVATION, BASKETBALL, VOLLEYBALL, FUTSAL, HANDBALL AND BADMINTON



MONDOSPORT W

MAPLE DESIGN

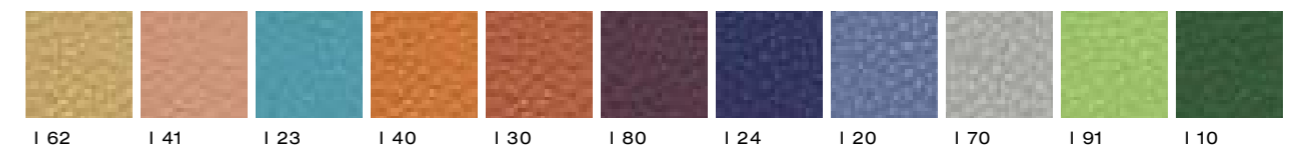


TECHNICAL DATA issued following the EN 14904 norm

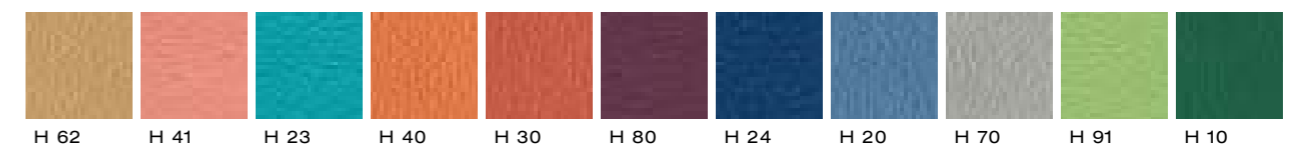
Properties	Test methods	Unit of measure	Requirements	Average values resulting from production controls					
Safety in use properties				Mondosport I			Mondosport II		
				2,5 mm	3,5 mm	4,5 mm	8 mm	9 mm	11 mm
Slip resistance	EN 13036-4	-	80 ÷ 110	100	100	100	100	100	100
Shock absorption	EN 14808	%	25 ÷ 34 (type 1)	-	-	-	28	30	34
Vertical deformation	EN 14809	mm	≤ 2 (type 1)	≤ 0,1	≤ 0,5	≤ 0,8	1,3	1,4	1,6
Technical properties				Mondosport I			Mondosport II		
				2,5 mm	3,5 mm	4,5 mm	8 mm	9 mm	11 mm
Vertical ball behaviour	EN 12235	%	≥ 90	≥ 95	≥ 95	≥ 95	≥ 95	≥ 95	≥ 95
Resistance to a rolling load (1500 N)	EN 1569	mm	≤ 0,5	in conformity					
Resistance to wear <small>*(H18 wheels, 1 kg, 1000 cycles)</small>	EN ISO 5470-1*	mg	≤ 1000	in conformity					
Reaction to fire	EN 13501-1	CLASS	-	C _s -s1	C _s -s1	C _s -s1	B _s -s1	B _s -s1	C _s -s1
Specular gloss	EN ISO 2813	%	≤ 45	in conformity					
Resistance to indentation	EN 1516	mm	≤ 0,5	0,01	0,05	0,1	≤ 0,15	≤ 0,2	≤ 0,25
Resistance to impact	EN 1517	mm	≤ 0,5	in conformity					
Optional properties				Mondosport I			Mondosport II		
				2,5 mm	3,5 mm	4,5 mm	8 mm	9 mm	11 mm
Colour fastness to artificial light <small>** (method 3)</small>	ISO 105-B02**	degree	-	≥ 6	≥ 6	≥ 6	≥ 6	≥ 6	≥ 6
Dimensional stability	EN 434	%	-	no appreciable variation					
Thermal resistance	EN 12667	m ² K/W	-	0,0079	0,0123	0,0157	0,122	-	-
Thermal conductivity	EN 12667	W/mK	-	0,315	0,285	0,285	0,0655	-	-
Improvement in footfall sound absorption	ISO 140/8 ISO 717/2	dB	-	6	15	17	-	-	-

Mondo keeps the right to modify the characteristics of the products in any moment.

MONDOSPORT I | I 2,5 mm | 3,5 mm | 4,5 mm | 200 cm | 25 mtl
 | 2,5 mm: 2,9 kg/m² | 3,5 mm: 3,0 kg/m² | 4,5 mm: 3,45 kg/m²



MONDOSPORT II | I 8 mm | 9 mm | 11 mm | Wood: 8 mm | 195 cm | Wood: 180 cm | 21 mtl
 | 8 mm: 4,8 kg/m² | 9 mm: 5,1 kg/m² | 11 mm: 5,7 kg/m²

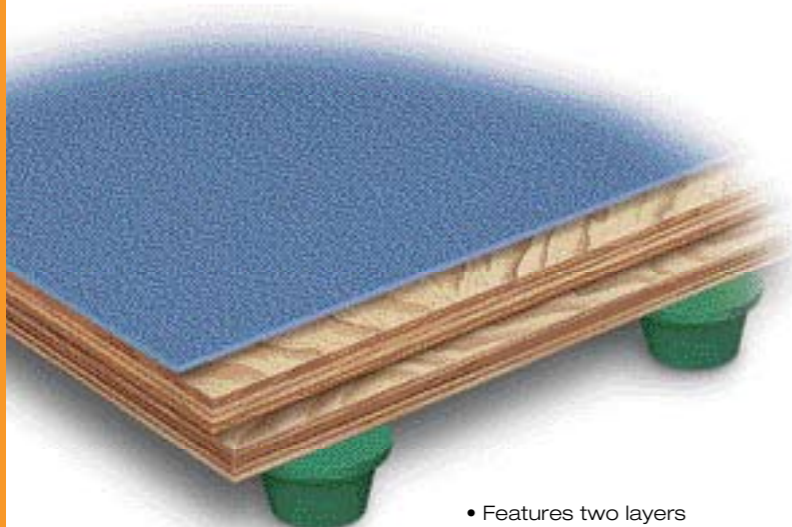




MONDOELASTIC SYSTEMS | OFFICIAL FIBA FIXED WOOD SYSTEM INDOOR MULTIPURPOSE AREA

ELASTISPORT

MONDOSPORT I



- Features two layers of plywood



BASKETBALL



AEROBICS

PATENTED PADS

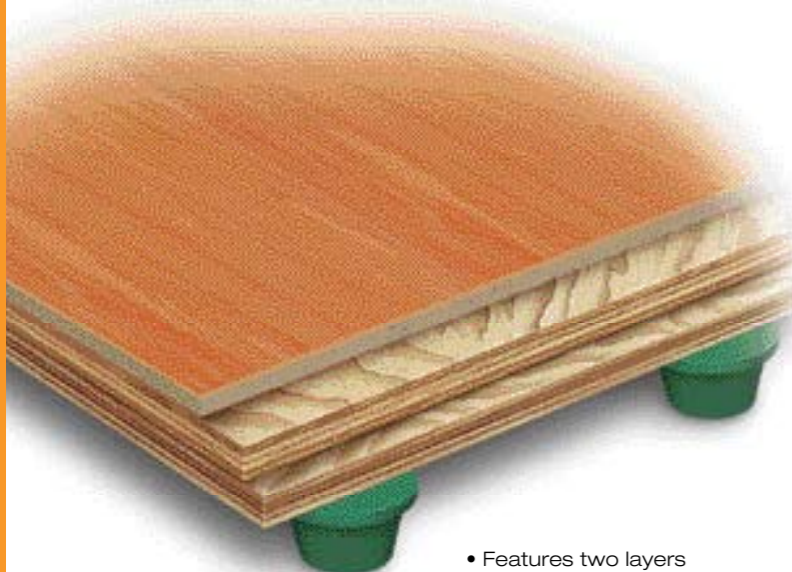
Grant the perfect balance between energy return, shock absorption, deformation and ball bounce.

Choice of one of two patented pads

Each specifically designed for each sport.

ELASTIFLEX

MONDOFLEX



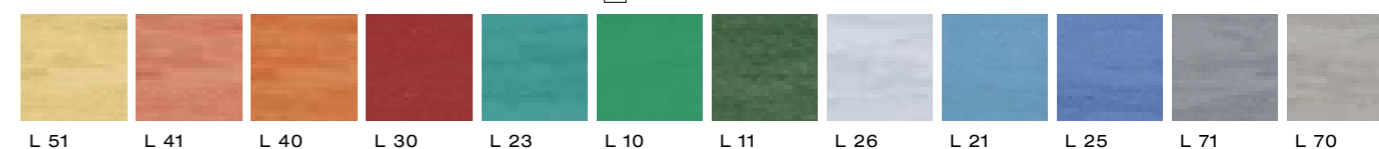
- Features two layers of plywood

TECHNICAL DATA issued following the EN 14904 norm

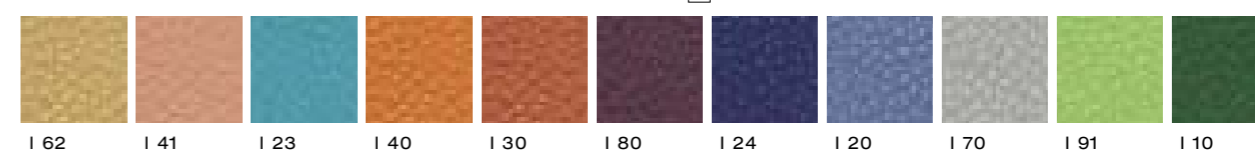
Properties	Test methods	Unit of measure	Requirements	Average values resulting from production controls	
Safety in use properties				Elastisport	Elastiflex
Slip resistance	EN 13036-4	-	80 ÷ 110	85	90
Shock absorption	EN 14808	%	40 ÷ 54 (type 3)	51	50
Vertical deformation	EN 14809	mm	2,3 ÷ 5 (type 4)	2,7	2,9
Technical properties				Elastisport	Elastiflex
Vertical ball behaviour	EN 12235	%	≥ 90	95	95
Resistance to a rolling load (1500 N)	EN 1569	mm	≤ 0,5	in conformity	
Resistance to wear	EN ISO 5470-1	mg	manifold	in conformity	
Reaction to fire	EN 13501-1	CLASS	-	C _s -s1	C _s -s1
Emission of formaldehyde	EN 717	CLASS	-	E1	E1
Content of pentachlorophenole	EN 12673	%	-	absent	
Specular gloss	EN ISO 2813	%	manifold	in conformity	
Resistance to indentation	EN 1516	mm	≤ 0,5	≤ 0,1	≤ 0,1
Resistance to impact	EN 1517	mm	≤ 0,5	in conformity	
Optional properties				Elastisport	Elastiflex
Colour fastness to artificial light <small>*(method 3)</small>	ISO 105-B02*	degree	-	≥ 6	≥ 6
Dimensional stability	EN 434	%	-	no appreciable variation	
Hardness of wear layer	ISO 7619	Shore A	-	-	85

Mondo keeps the right to modify the characteristics of the products in any moment.

MONDOFLEX || ELASTIFLEX | I 57 mm | 16,5 kg/m²



MONDOSPORT I | ELASTISPORT | I 56,5 mm | 14,7 kg/m²





MONDOELASTIC SYSTEMS | OFFICIAL FIBA FIXED WOOD SYSTEM

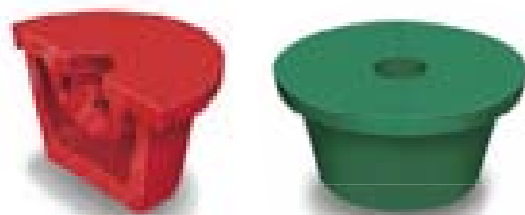
MONDOWOOD HAYAELASTIC MONDOELASTIC



WOOD SPECIES

MAPLE | BEECH | OAK |

- Tongue-and-groove design
- Feature two layers of plywood stripes



AEROBICS

BASKETBALL

PATENTED PADS

Grant the perfect balance between energy return, shock absorption, deformation and ball bounce.

Choice of one of two patented pads

Each specifically designed for each sport.

ZETA SYSTEM



WOOD SPECIES

MAPLE | BEECH | OAK |

- Tongue-and-groove design
- Features one layer of plywood stripes

ELASTIC UNDERLAYER MATTRESS

Provides unmatched levels of comfort, uniform shock absorption, deflection and ball bounce throughout the floor.



PREMIER PLUS



TOP LAYER

CHOICE OF MONDOFLEX OR MONDOSPORT I

HIGH LOAD DISTRIBUTION

PLYWOOD DECKING SYSTEM

ELASTIC UNDERLAYER MATTRESS

Provides unmatched levels of comfort, uniform shock absorption, deflection and ball bounce throughout the floor.

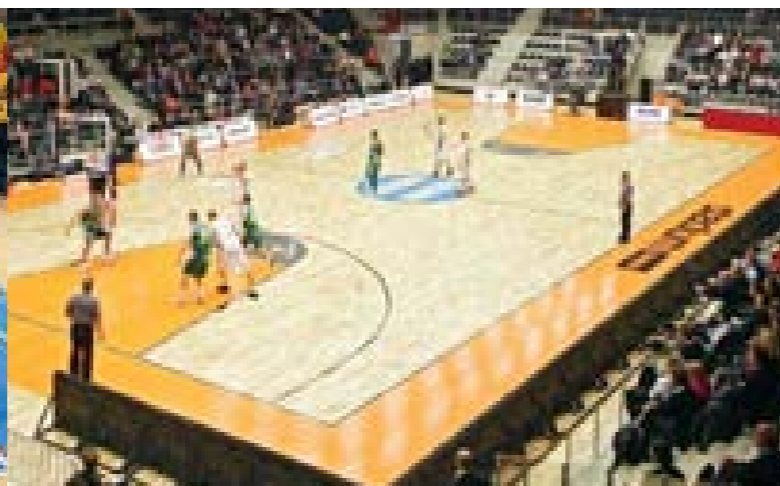
TECHNICAL DATA issued following the EN 14904 norm

Properties	Test methods	Unit of measure	Requirements	Average values resulting from production controls			
Safety in use properties				Mondowood			Hayaelastic
				Soft	Softer	Extrasoft	
Slip resistance	EN 13036-4	-	80 ÷ 110	80	80	80	80
Shock absorption	EN 14808	%	55 ÷ 75 (type 4)	55,5	62	65	58
Vertical deformation	EN 14809	mm	2,3 ÷ 5 (type 4)	2,3	3,6	3,8	3,2
Technical properties				Mondowood			Hayaelastic
				Soft	Softer	Extrasoft	
Vertical ball behaviour	EN 12235	%	≥ 90	96	91	92	97
Resistance to a rolling load (1500 N)	EN 1569	mm	≤ 0,5	in conformity			
Resistance to wear <small>*(CS10 wheels, 0,5 kg, 1000 cycles)</small>	EN ISO 5470-1*	mg	≤ 80	in conformity			
Specular gloss	EN ISO 2813	%	≤ 45	in conformity			
Resistance to indentation	EN 1516	mm	≤ 0,5	≤ 0,5	≤ 0,5	≤ 0,5	≤ 0,5
Resistance to impact	EN 1517	mm	≤ 0,5	in conformity			
Optional properties				Mondowood			Hayaelastic
				Soft	Softer	Extrasoft	
Colour fastness to artificial light <small>** (method 3)</small>	ISO 105-B02**	degree	-	≥ 6	≥ 6	≥ 6	≥ 6
Dimensional stability	EN 434	%	-	no appreciable variation			
MONDOWOOD SOFT I 74 mm 25,7 kg/m ² MONDOWOOD SOFTER I 68 mm 22,9 kg/m ²							
MONDOWOOD EXTRASOFT I 68 mm 22,7 kg/m ² HAYAELASTIC I 68 mm 19,2 kg/m ²							

Properties	Test methods	Unit of measure	Requirements	Average values resulting from production controls					
Safety in use properties				Mondoelastic		Zeta System		Premier Plus	
						Mondoflex	Mondosport I		
Slip resistance	EN 13036-4	-	80 ÷ 110	80	80	85	80		
Shock absorption	EN 14808	%	55 ÷ 75 (type 4)	59	58	-	-		
Vertical deformation	EN 14808	%	40 ÷ 54 (type 3)	-	-	50	51		
Vertical deformation	EN 14809	mm	2,3 ÷ 5 (type 4)	2,8	2,6	-	-		
Vertical deformation	EN 14809	mm	1,8 ÷ 3,5 (type 3)	-	-	3,3	3,0		
Technical properties				Mondoelastic		Zeta System		Premier Plus	
						Mondoflex	Mondosport I		
Vertical ball behaviour	EN 12235	%	≥ 90	97	96	95	96		
Resistance to a rolling load (1500 N)	EN 1569	mm	≤ 0,5	in conformity					
Reaction to fire <small>*** (loose-laid)</small>	EN 13501-1***	CLASS	-	C _s -s1	C _s -s1	-	-		
Emission of formaldehyde	EN 717	CLASS	-	E1	E1	E1	E1		
Content of pentachlorophenole	EN 12673	%	-	absent					
Resistance to wear	EN ISO 5470-1	mg	manifold	in conformity					
Specular gloss	EN ISO 2813	%	≤ 45	in conformity					
Specular gloss	EN ISO 2813	%	≤ 30	-	-	3	10		
Resistance to indentation	EN 1516	mm	≤ 0,5	≤ 0,5	≤ 0,5	0,16	0,15		
Resistance to impact	EN 1517	mm	≤ 0,5	in conformity					
Optional properties				Mondoelastic		Zeta System		Premier Plus	
						Mondoflex	Mondosport I		
Colour fastness to artificial light <small>**** (method 3)</small>	ISO 105-B02****	degree	-	≥ 6	≥ 6	≥ 6	≥ 6		
Dimensional stability	EN 434	%	-	no appreciable variation					
Thermal resistance	EN 12667	m ² K/W	-	-	0,67	0,45	0,479		
Thermal conductivity	EN 12667	W/mK	-	-	0,061	0,082	0,076		
FIBA Rules <small>***** Level 1 Permanent wooden flooring</small>	FIBA*****	-	manifold	in conformity		-	-		

Mondo keeps the right to modify the characteristics of the products in any moment.

MONDOELASTIC | I 62 mm | 16,7 kg/m² | **PREMIER PLUS MONDOFLEX** | I 37 mm | 16 kg/m²
ZETA SYSTEM | I 41 mm | 14,2 kg/m² | **PREMIER PLUS MONDOSPORT I** | I 36,5 mm | 13,6 kg/m²



FAST BREAK SYSTEM 2 | PORTABLE WOOD SYSTEM

Removable wooden floor with modular system in tiles, engineered for high level competitions. This floor meets the requirements of the most demanding professional athletes, combining high technical performances with comfort and safety during competition.

FAST BREAK SYSTEM 2 WOOD

AVAILABLE FOR BASKETBALL AND HANDBALL USE



FIBA APPROVED PRODUCT



UPPER LAYER

Solid beech wood 4 mm thick.

MIDDLE LAYER

Plywood (24 mm) with the mechanised tongue and groove system.

ELASTIC RUBBER PLUGS

Cylindrical, 20 mm high, threaded into the plywood.

TOTAL THICKNESS

48 mm.

DIMENSIONS

On request it is possible to manufacture this sport surface in different dimensions.

FAST BREAK SYSTEM 2 LAMINATED

AVAILABLE FOR FUTSAL



TOTAL THICKNESS

45,8 mm

FAST BREAK SYSTEM 2 MONDOFLEX / MONDOSPORT

AVAILABLE FOR MULTIPURPOSE



TOTAL THICKNESS

Mondoflex: 47 mm Mondosport: 46.5 mm

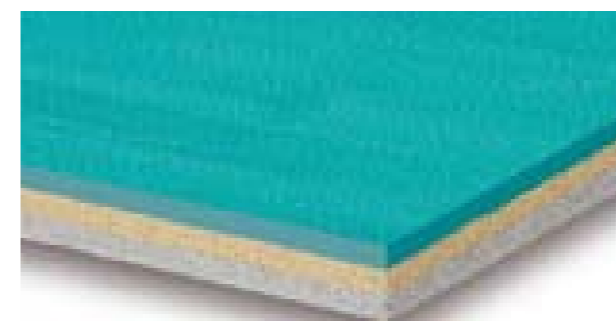


The polyamide joints, used to connect tiles, are located in the lower level.

PORTABLE COURT SYSTEMS

Mondo works closely with the International Federations and some of Europe's leading coaches to develop and upgrade competition surfaces to meet the requirements and exceed their expectations. The result: the world's best playing surfaces.

MONDOFLEX II PERFORMANCE



MONDOSPORT II PERFORMANCE



TOP LAYER

Excellent durability and traction.

INTERMEDIATE LAYER

Spreads the force or load applied by an athlete's foot to the surface.

BOTTOM LAYER

Provides additional shock absorption by deflecting under impact.

COLORS

Mondoflex II: All colors available page 26.

Mondosport II: All colors available page 28.

TOTAL THICKNESS

Mondoflex II: 7,5 mm.

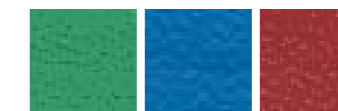
Mondosport II: 6,5 mm.

MONDOCOURT



FOR TENNIS AND MULTIPURPOSE INDOOR

Reinforced with resinated fibreglass containing synthetic elastomeric resins on both surfaces, with a series of nodules in expanded resin underneath.



W 10

W 20

W 30

SPORT PROTECTION FLOOR

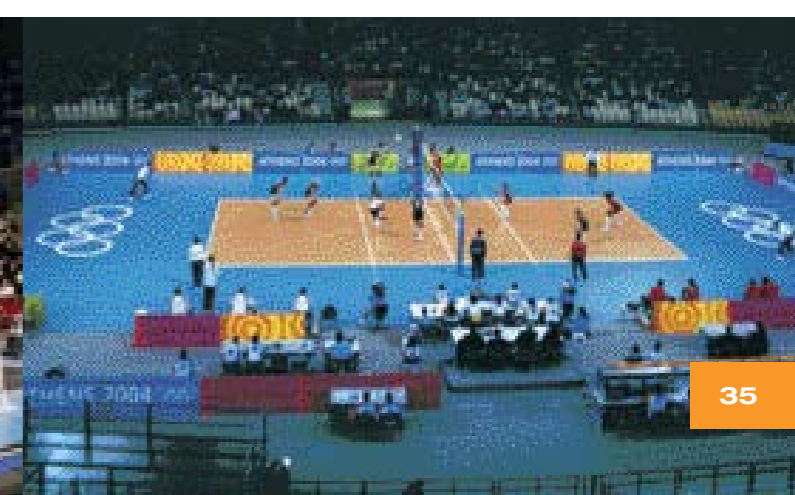


Vinyl multi-layered flooring made with one upper part for use based on pure 100% PVC, reinforced with a fibreglass layer based on vinyl foam with a total thickness of 1.5 mm.

Positioned lying flat to protect the existing flooring, using a suitable adhesive tape.

It is easy maintenance as the top surface has micro-cavities to facilitate cleaning.

The flooring complies in every respect with Standard EN 653.



EVERLAY | FIBREGLASS UNDERLAYMENT

- Can be installed without gluing to screed, even with residual humidity.
- Facilitate the installation of sports flooring.
- Do not form a thermal barrier if underfloor heating is used.
- Make replacing the floor at the end of its lifecycle easier and cheaper.

EVERLAY A



THICKNESS: 1,2 MM

- Continuous, stabilising base with excellent resistance to damp.
- Lighter weight makes it easier to handle during installation.
- 20,000,000 m² sold worldwide.

EVERLAY B



THICKNESS: 4 MM

- Enables the temporary installation of a new floor that can easily be removed.
- Good impact absorption.
- Good soundproofing and noise reduction.

EVERLAY EG



THICKNESS: 6 MM

- Incredible energy-absorbing properties thanks to the special structure which combines a polyurethane layer with the conventional stabilising layer.
- When combined with Mondoflex 4.0 mm and Mondosport I 3.5 mm, it guarantees impact resistance in accordance with EN 14904.
- Improves the resilience of sports flooring.

TECHNICAL DATA

Properties	Test methods	Unit of measure	Average values resulting from production controls		
General requirements			Everlay A	Everlay B	Everlay EG
Overall thickness	EN 428	mm	1,2	4,0	6,0
Mass per unit area	EN 430	g/m ²	1100	2100	3000
Dimensional stability	EN 434	%	0,05	0,1	0,1
Curling after exposure to heat	EN 434	mm	1	1	1
Color fastness to artificial light *(method3)	EN 20105-B02*	grade	≥ 6	≥ 6	≥ 6
Essential requirements			Everlay A	Everlay B	Everlay EG
Fire behaviour	EN 13501-1 (loose-laid)	class	E	C _f -s1	-
Improvement in footfall sound absorption	ISO 140 / 8 ISO 717 / 2	dB	7	12	15
Thermal resistance	EN 12667	m ² K/W	0,008	0,067	0,106
Thermal conductivity	EN 12667	W/mK	0,1515	0,0597	0,0566
Flux density of water vapour ** (method B)	EN 1931**	s • m ² Pa/Kg	5,6 • 10 ⁹	-	-
Resistance factor to diffusion of water vapour *** (method B)	EN 1931***	-	1001	-	-
Watertightness	EN 1928	-	no waterproofing loss		

Mondo keeps the right to modify the characteristics of the products in any moment.

EVERLAY A		1,2 mm		1,1 kg/m ²		200 cm		50 mtl
EVERLAY B		4,0 mm		2,1 kg/m ²		200 cm		25 mtl
EVERLAY EG		6 mm		3 kg/m ²		200 cm		20 mtl



NEW TEXTURE



Mondo's new surface embossing is the result of a careful analyses of a number of patterns.

OPTIMAL TRACTION AND GREATER CONTACT AREA

The irregular size and shape of the tessellation pattern has been designed to provide the best traction between the track and shoe spikes and for a greater contact area than other track systems. This improves athletes' grip and performance.

GREATER WATER FLOW EFFICIENCY IN RAINY CONDITIONS

Ensures optimal traction in all weather conditions for excellent athletic performance and maximum safety.

EASY TO CLEAN

ITS NEWLY DESIGNED TEXTURE, BACKING GEOMETRY AND FORMULATION HAVE IMPROVED:

SAFETY AND COMFORT

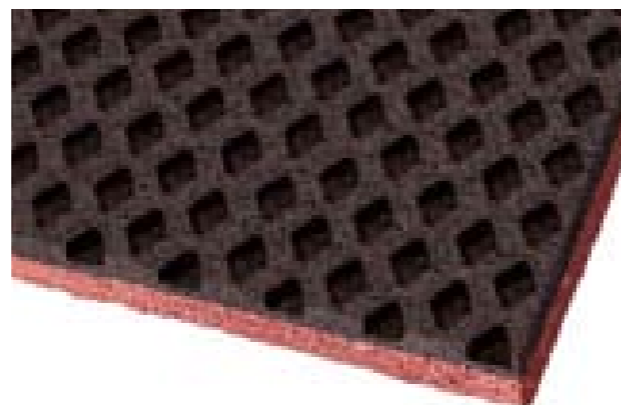
- Greater shock absorption
- Greater vertical deformation
- Lower pressure on the foot

ATHLETIC PERFORMANCE

- Greater contact area
- Better lateral support of the foot
- Higher energy return

ALL OF WHICH HAS INCREASED THE SPEED OF THE ROLLING MOVEMENT OF THE FOOT BETWEEN THE 5TH AND 1ST METATARSUS, ATHLETES' FLIGHT TIME AND LENGTH OF STEP LEADING TO INCREASED PERFORMANCE. THESE IMPROVEMENTS TRANSLATE INTO FASTER RACE TIMES.

NEW HEXAGON BACKING



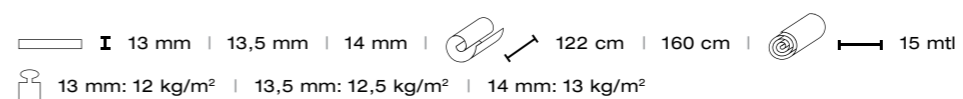
The directional compression of the honeycomb backing makes the track more elastic and responsive, improving the athlete's performance. The elongated honeycomb is structurally strong and provides improved lateral support and, therefore, better control during the rolling movement of the foot.

These advanced deforming geometries are only possible with factory manufactured molded materials. They cannot be poured on site.

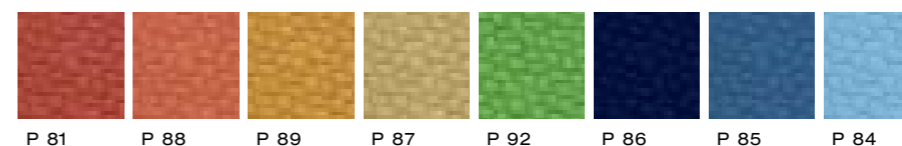
TECHNICAL DATA issued following the EN 14877 standard

Properties	Test methods	Unit of measure	Requirements	Average values resulting from production controls		
Safety in use properties				13 mm	13,5 mm	14 mm
Slip resistance	EN 13036-4	-	55 ÷ 110	100 (dry) • 56 (wet)		
Shock absorption	EN 14808	%	35 ÷ 50	41	42	43
Vertical deformation	EN 14809	mm	≤ 3	2,2	2,25	2,3
Technical properties				13 mm	13,5 mm	14 mm
Thickness of surface	EN 1969	mm	≥ 10	13	13,5	14
Water permeability	EN 12616	mm/h	-	impermeable		
Resistance to wear	EN ISO 5470-1	mg	≤ 4000	2000	2000	2000
Resistance to artificial weathering	EN 14836	-	manifold	in conformity		
Tensile strength (T_r)	EN 12230	MPa	≥ 0,4	0,55	0,55	0,55
Elongation to rupture (E_b)	EN 12230	%	≥ 40	170	170	170
Spike resistance	EN 14810	%	$\Delta T_r \leq 20$ $\Delta E_b \leq 20$	in conformity		
Optional properties				13 mm	13,5 mm	14 mm
Hardness	ISO 7619	Shore A	-	55	55	55
Synthetic surfaced outdoor athletics tracks	IAAF	-	manifold	in conformity		

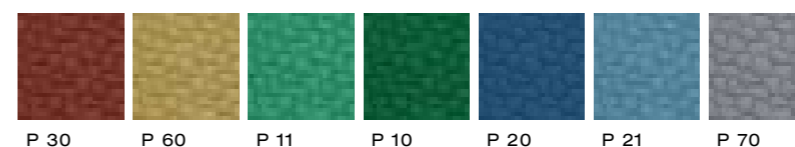
Mondo keeps the right to modify the characteristics of the products in any moment.



INDOOR COLORS ONLY |



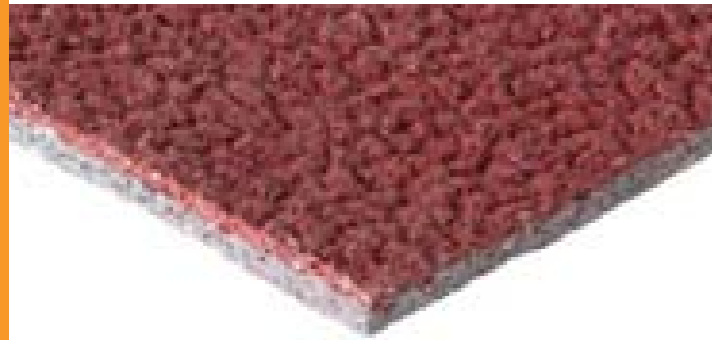
INDOOR & OUTDOOR COLORS |



SPORTFLEX | INDOOR & OUTDOOR TRAINING & MULTIPURPOSE AREAS

SPORTFLEX IMPRONTA FOCA

MULTIPURPOSE SURFACE FOR INDOOR AND OUTDOOR AREAS



MOLDED AND VULCANIZED TOP LAYER

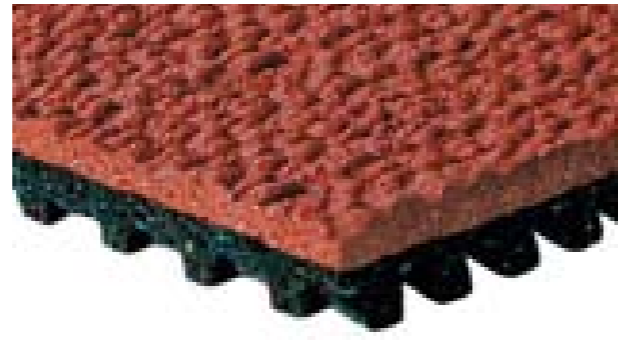
Designed for multipurpose, tennis, all sports and jogging or running tracks where no spike shoes are worn.

MOLDED AND VULCANIZED BOTTOM LAYER

Provides proper shock absorption, optimal energy return and total comfort.

SPORTFLEX SUPER X TRAINING

TRAINING SURFACE FOR INDOOR AND OUTDOOR AREAS

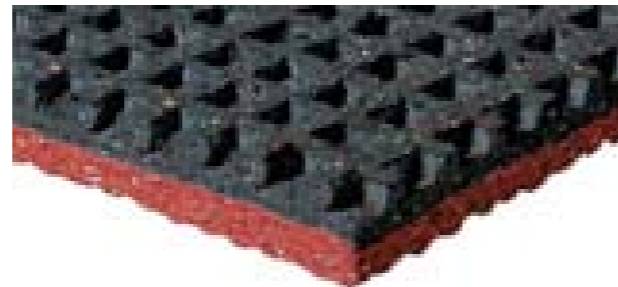


MOLDED AND VULCANIZED TOP LAYER

Vulcanizing natural rubber makes a strong material even stronger. Mondo's vulcanized track surface provides maximum elasticity and unparalleled durability.

Surface deterioration is minimal throughout the long life of the track.

GEOMETRICALLY MOLDED AND VULCANIZED BOTTOM LAYER



New formulation of the bottom layer engineered to improve impact absorption and increases the athlete's contact time on the surface.

Gives the most consistent feel and greatest potential for deformation. Its advanced compartmentalized design deforms for maximum energy absorption.

These advanced deforming geometries are only possible with factory manufactured molded materials. They cannot be poured on site.

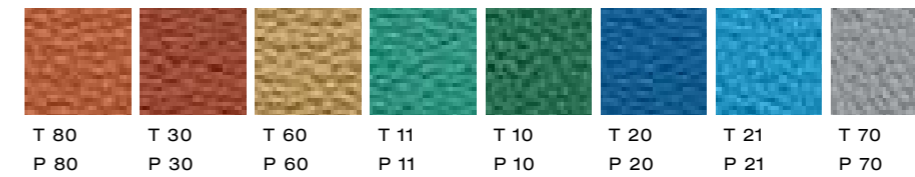


TECHNICAL DATA issued following the EN 14877 standard

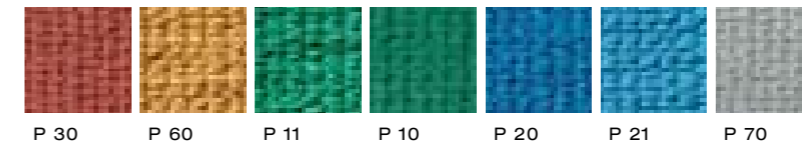
Properties	Test methods	Unit of measure	Requirements	Average values resulting from production controls				
Safety in use properties				Tennis	Sportflex Impronta Foca		Sportflex Super X Training 13 mm	
				5 mm	4,5 mm	6 mm	8 mm	
Slip resistance	EN 13036-4	-	55 ÷ 110	100 (dry) > 55 (wet)				
Shock absorption	EN 14808	%	35 ÷ 50	-	-	-	-	39
Vertical deformation	EN 14809	mm	≤ 3	-	-	-	-	2,2
Vertical ball behaviour	EN 12235	%	≥ 80	≥ 95	≥ 95	≥ 95	≥ 95	-
Technical properties				Tennis	Sportflex Impronta Foca		Sportflex Super X Training 13 mm	
				5 mm	4,5 mm	6 mm	8 mm	
Thickness	EN 1969	mm	-	5	4,5	6	8	13
Water permeability	EN 12616	mm/h	-	impermeable				
Resistance to artificial weathering	EN 14836	-	manifold	in conformity				
Resistance to wear	EN ISO 5470-1	mg	≤ 4000	1200	1200	1200	1200	1500
Tensile strength (T _R)	EN 12230	MPa	≥ 0,4	0,9	0,9	0,9	1	0,6
Elongation to rupture (E _b)	EN 12230	%	≥ 40	180	180	190	200	170
Spike resistance	EN 14810	%	$\Delta T_R \leq 20$ $\Delta T_b \leq 20$	-	-	-	-	in conformity
Optional properties				Tennis	Sportflex Impronta Foca		Sportflex Super X Training 13 mm	
				5 mm	4,5 mm	6 mm	8 mm	
Reaction to fire	UNI 8457 UNI 9174	class	CLASS 2	CLASS 1	CLASS 1	CLASS 1	CLASS 1	-
Hardness	ISO 7619	Shore A	-	55	55	55	55	52
Abrasion resistance *method A 5 N load	ISO 4649*	mm ³	-	180	180	180	180	220

Mondo keeps the right to modify the characteristics of the products in any moment.

SPORTFLEX | I 4,5 mm | 5 mm | 6 mm | 8 mm | 170 cm | 183 cm | 25 mtl
 | 4,5 mm: 5,2 kg/m² | 5 mm: 5,8 kg/m² | 6 mm: 6,5 kg/m² | 8 mm: 8,7 kg/m²



SPORTFLEX SUPER X TRAINING | I 13 mm | 122 cm | 160 cm | 15 mtl | 11 kg/m²



SPORT IMPACT

PREMIUM WEIGHT AND SKATE RESISTANT FLOORING



EXTRA THICK WEAR LAYER
EXCEPTIONALLY DURABLE

Withstands heavy abuse from strength and conditioning activities and ice blades.

Excellent tensile strength and resistance to abrasion.

Never requires any coating.

Non-porous surface for **greater ease of maintenance.**

SHOCK ABSORBENT LAYER

Unparalleled safety and comfort.

No bacteria grow.

RAMFLEX

WEIGHT AND SKATE RESISTANT FLOORING



HEAVY DUTY SURFACE
SUPERIOR ELASTICITY

Withstands heavy abuse from strength and conditioning activities and ice blades.

Excellent tensile strength and resistance to abrasion.

Never requires any coating.

Non-porous surface for **greater ease of maintenance.**

SHOCK ABSORBENT LAYER

Unparalleled safety and comfort.

No bacteria grow.

FORZA



PERFORMANCE LAYER

Withstands daily use within cardio, training and other common areas.

Never requires any coating.

Non-porous surface for **greater ease of maintenance.**

Outstanding slip coefficient.

IMPACT LAYER

95% Post-consumer content.

Provides protection against moderate impact.

No bacteria grow.



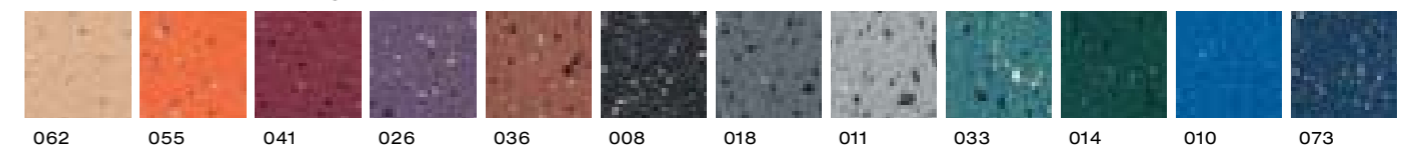
TECHNICAL DATA issued following the norm EN 14904

Properties	Test methods	Unit of measure	Requirements	Average values resulting from production controls				
Safety in use properties				Ramflex		Sport Impact		Forza
				6 mm	8 mm	6 mm	8 mm	10 mm
Friction	EN 13036-4	-	80 ÷ 110	85	85	90	90	85
Vertical deformation	EN 14809	mm	≤ 5	≤ 0,2	≤ 0,2	≤ 0,2	≤ 0,2	≤ 0,75
Technical properties				Ramflex		Sport Impact		Forza
				6 mm	8 mm	6 mm	8 mm	10 mm
Vertical ball behaviour	EN 12235	%	≥ 90	≥ 98	≥ 98	≥ 98	≥ 98	≥ 98
Resistance to a rolling load (1500 N)	EN 1569	mm	≤ 0,5	≤ 0,5	≤ 0,5	≤ 0,5	≤ 0,5	≤ 0,5
Resistance to wear <small>*(H18 wheels, 1 kg, 1000 cycles)</small>	EN ISO 5470-1*	mg	≤ 1000	in conformity				
Reaction to fire	EN 13501-1	CLASS	-	C _n -s1	C _n -s1	C _n -s1	C _n -s1	-
Resistance to indentation	EN 1516	mm	≤ 0,5	≤ 0,05	≤ 0,05	≤ 0,05	≤ 0,05	≤ 0,1
Resistance to impact	EN 1517	mm	≤ 0,5	≤ 0,5	≤ 0,5	≤ 0,5	≤ 0,5	≤ 0,5
Optional properties				Ramflex		Sport Impact		Forza
				6 mm	8 mm	6 mm	8 mm	10 mm
Colour fastness to artificial light <small>** (method 3)</small>	ISO 105-B02**	degree	-	≥ 6	≥ 6	≥ 6	≥ 6	≥ 6
Dimensional stability	EN 434	%	-	no appreciable variation				
Heat transfer resistance	EN 12667	m ² K/W	-	0,02	0,027	0,02	0,027	-
Thermal conductivity	EN 12667	W/mK	-	0,30	0,30	0,30	0,30	-
Improvement in footfall sound absorption	ISO 140/8 ISO 717/2	dB	-	14	16	14	16	-
Hardness	ISO 7619	Shore A	-	70	70	70	70	60

Mondo keeps the right to modify the characteristics of the products in any moment.

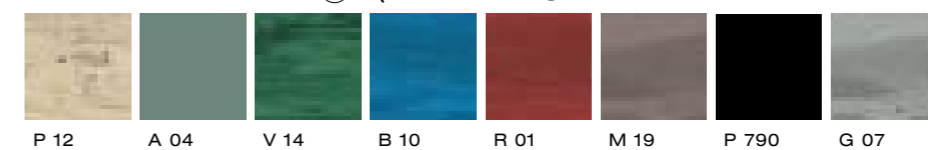
SPORT IMPACT |

□ I 6 mm | 8 mm | 📐 150 cm | 🌀 6-12 m | 📏 100 cm x 100 cm | 📦 6 mm: 8,5 kg/m² | 8 mm: 11,5 kg/m²



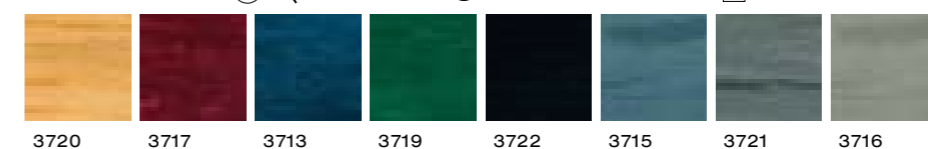
RAMFLEX |

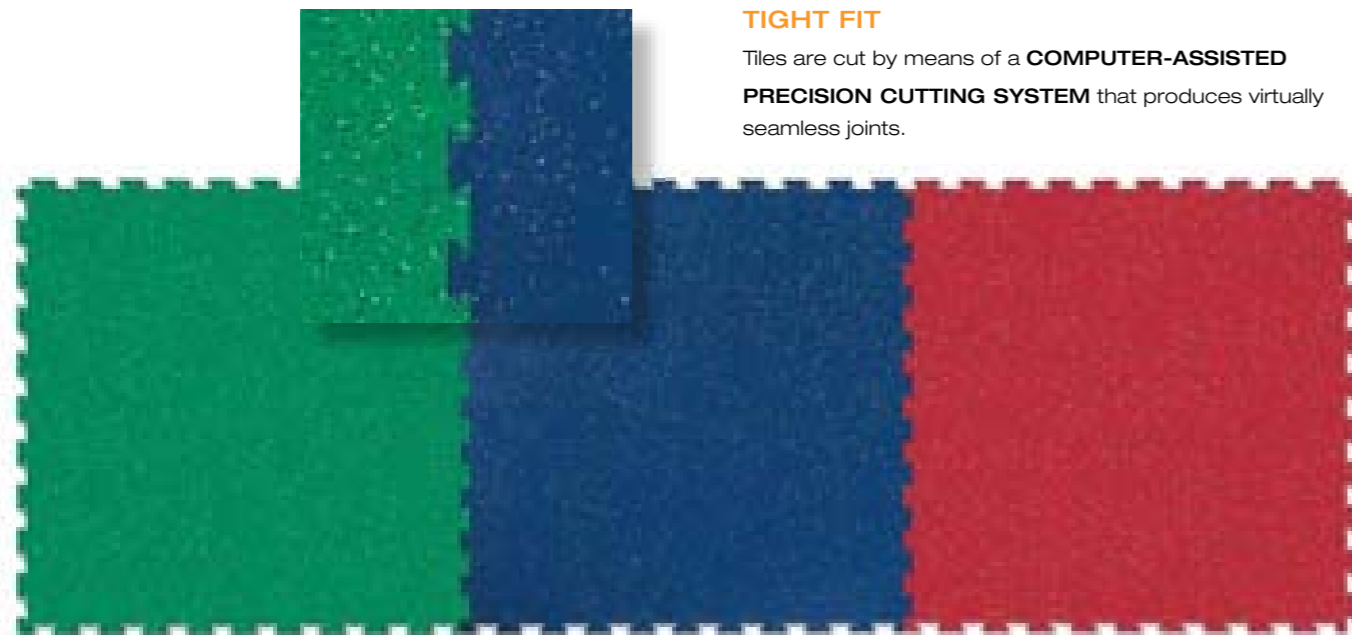
□ I 6 mm | 8 mm | 📐 150 cm | 🌀 6-12 m | 📏 100 cm x 100 cm | 📦 6 mm: 8,5 kg/m² | 8 mm: 11,5 kg/m²



FORZA |

□ I 10 mm | 📐 183 cm | 🌀 max 12 mtl | 📦 12 kg/m²

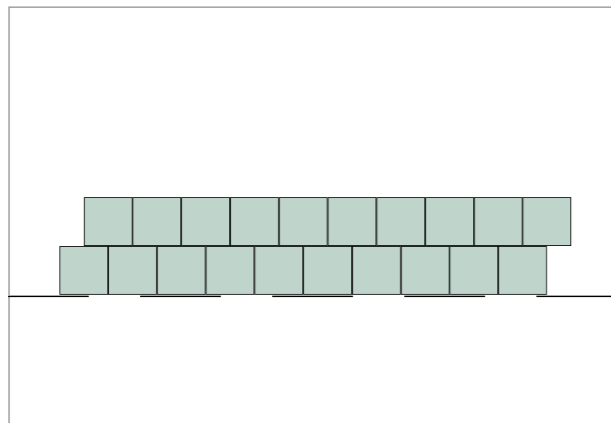




TIGHT FIT

Tiles are cut by means of a **COMPUTER-ASSISTED PRECISION CUTTING SYSTEM** that produces virtually seamless joints.

QUICK LOOSE LAID INSTALLATION



STEP 1

Trace a straight line parallel to the length of the room and fit entire floor section, positioning the tiles in an Ashlar pattern or point-to-point.



STEP 2

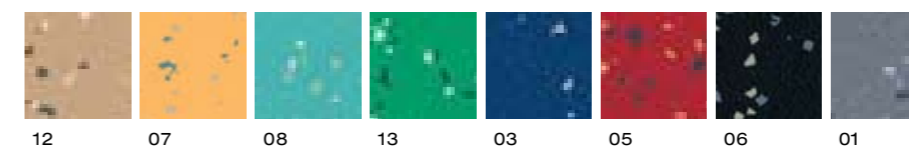
Tiles may be cut to produce straight edges around the perimeter and to lie flush against the wall.

TECHNICAL DATA issued following the norm EN 14904

Properties	Test methods	Unit of measure	Requirements	Average values resulting from production controls
Safety in use properties				
Friction	EN 13036-4	-	80 ÷ 110	90
Vertical deformation	EN 14809	mm	≤ 5	≤ 0,2
Technical properties				
Vertical ball behaviour	EN 12235	%	≥ 90	≥ 98
Resistance to a rolling load (1500 N)	EN 1569	mm	≤ 0,5	≤ 0,5
Resistance to wear *(H18 wheels, 1 kg, 1000 cycles)	EN ISO 5470-1*	mg	≤ 1000	in conformity
Reaction to fire **(loose-laid)	EN 13501-1**	CLASS	-	C _s -s1
Resistance to indentation	EN 1516	mm	≤ 0,5	≤ 0,05
Resistance to impact	EN 1517	mm	≤ 0,5	≤ 0,5
Optional properties				
Colour fastness to artificial light *** (method 3)	ISO 105-B02***	degree	-	≥ 6
Dimensional stability	EN 434	%	-	no appreciable variation
Heat transfer resistance	EN 12667	m ² K/W	-	0,027
Thermal conductivity	EN 12667	W/mK	-	0,30
Improvement in footfall sound absorption	ISO 140/8 ISO 717/2	dB	-	16
Hardness	ISO 7619	Shore A	-	70

Mondo keeps the right to modify the characteristics of the products in any moment.

8 mm | 61 cm x 61 cm | 11,5 kg/m²



At its design and research production center in Zaragoza, Mondo innovates and develops the best products for practicing sports. The quality of the sports equipment determines the final quality of an installation, to a great extent.

After being created, each article is manufactured directly at Mondo's facility, where the production process can be controlled and supervised from start to finish.

EQUIPMENT

The engineering and architectural department at Mondo studies the drawings of the facility and proposes the most appropriate solutions in order to make the best use of space and to offer the optimal economical investment for the client. The goal is to convert the space in a sport facility that guarantees the best environment for athletes and spectators.

The color of the products is approximate.

The manufacturer reserves the right to modify the information without prior notification.



GYMASIUM EQUIPMENT



FIBA APPROVED PRODUCT

MONDO ATHENS

The best quality floor-standing basketball unit.
Exceeds FIBA norms (D-9906).
Manual elevation and transport.



4 SIDES

TILTING RING

Complies with FIBA regulations.
Contains no net hooks or mesh openings greater than 8 mm to avoid any possibility of player injury.

GLASS BACKBOARD

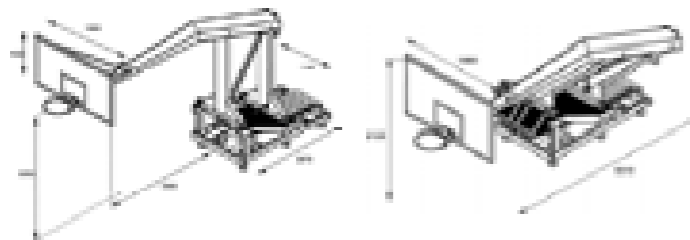
Features two sheets of tempered glass bonded together with Butiral (P.V.B.), which in case of breakage prevents fragments from falling.

TWO DIFFERENT POSITIONS

Basketball playing position.
Folded for storage and transport.

EFFORTLESS FOLDING AND UNFOLDING

Strategically placed gas springs facilitate entire operations from beginning to end.



MONDOCUP

Homologated in compliance with FIBA Norms (D-9906).
Floor-standing basketball unit.
Manual elevation and transport.



SAFETY BAR

Immobilizes the uprights to prevent the unit from accidentally folding or moving during play.

TILTING RING

Complies with FIBA regulations.
Contains no net hooks or mesh openings greater than 8 mm to avoid any possibility of player injury.

BASKETS AND GOAL ARE CERTIFIED ACCORDING TO THE EUROPEAN STANDARDS
HANDBALL GOAL IS CERTIFIED IHF



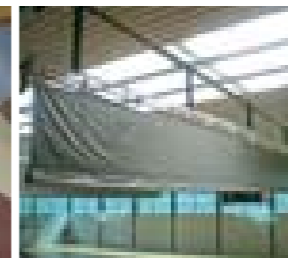
BASKET CEILING MULTITUBE



BASKET CEILING MONOTUBE



BASKET WALL



DIVIDING CURTAINS



HANDBALL GOAL

MONDOCLUB

Floor-standing basketball unit.
Manual elevation and transport.



VERTICAL UPRIGHTS

Provide the basketball unit with the necessary rigidity and stability.

THREE DIFFERENT POSITIONS

Basketball playing position.
Mini-basketball.
Folded for storage and transport.

SCOREBOARDS



FIBA APPROVED PRODUCT

PEGASUS

- 2 Side modules.
- 1 Central module.
- 1 Bottom module.

VIDEO SCREEN ANDROMEDA

It includes a first class multi-sport scoreboard and a video screen, which makes it an excellent accessory.



SIDE MODULES (2)

Display the names, numbers, fouls and points of all the players of each team.

CENTRAL MODULE

Provides clear, comprehensive information on all relevant game parameters.

BOTTOM MODULE

Indicates the number of fouls accumulated by each team as well as the player who committed the most recent personal foul.



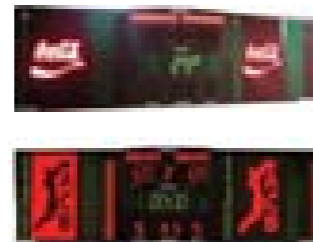
ANDROMEDA SCOREBOARD FOUR VIDEOS

Designed with a high resolution video screen (320 x 240 pixels) located in the central area. The total dimensions of the video scoreboard are 645 x 385 x 15 cm.

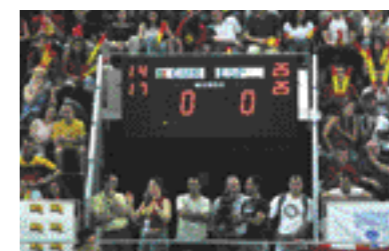


FIBA CONSOLES

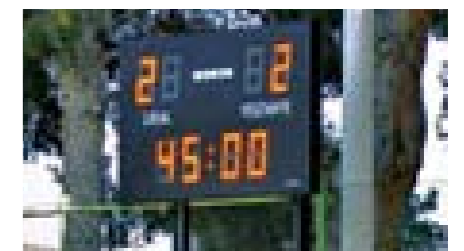
Designed for use in top competition.



HANDBALL SCOREBOARD



VOLLEYBALL SCOREBOARD



FOOTBALL SCOREBOARD

MONDOSEAT



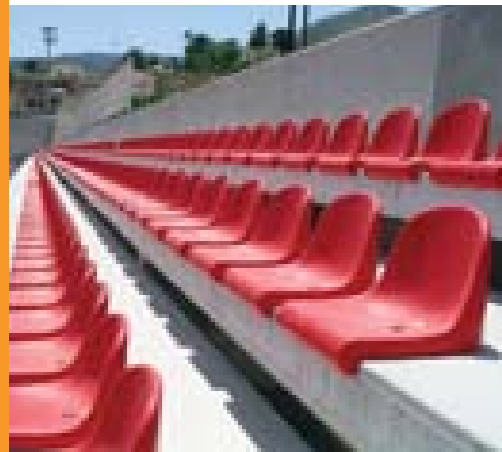
FIBA APPROVED PRODUCT



MONDOSEAT 1



MONDOSEAT 2



MONDOSEAT 3



MONDOSEAT 4



MONDOSEAT 6



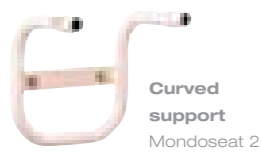
MONDOSEAT 7



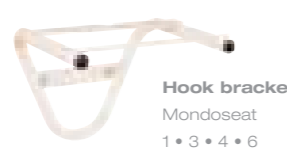
MONDOSEAT COLOR RANGE



ANCHORING AND SUPPORT SYSTEMS



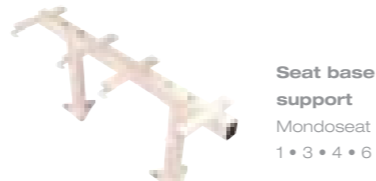
Curved support
Mondoseat 2



Hook bracket
Mondoseat
1 • 3 • 4 • 6



One-arm support
Mondoseat
1 • 3 • 4 • 6



Seat base support
Mondoseat
1 • 3 • 4 • 6

PLATFORM SEATING



FIBA APPROVED PRODUCT

DISMOUNTABLE PLATFORM

Contains no screwed unions for fast and easy dismantling and remounting. Elements are joined together by means of housings and inserts that, once correctly in place, form a totally rigid and stable platform.



TELESCOPIC PLATFORM

Telescopic platform seating with state-of-the-art technology is designed to satisfy all requirements and comply with current standards. Can be adapted to each installation's particular needs in terms of available space and end use.

OPTIONS

- Motorized or manual folding system.
- Front and/or rear passageway.
- Wide range of MondoSeat models.
- Non-slip paint or composite synthetic Mondo flooring available for passageways and stairs.



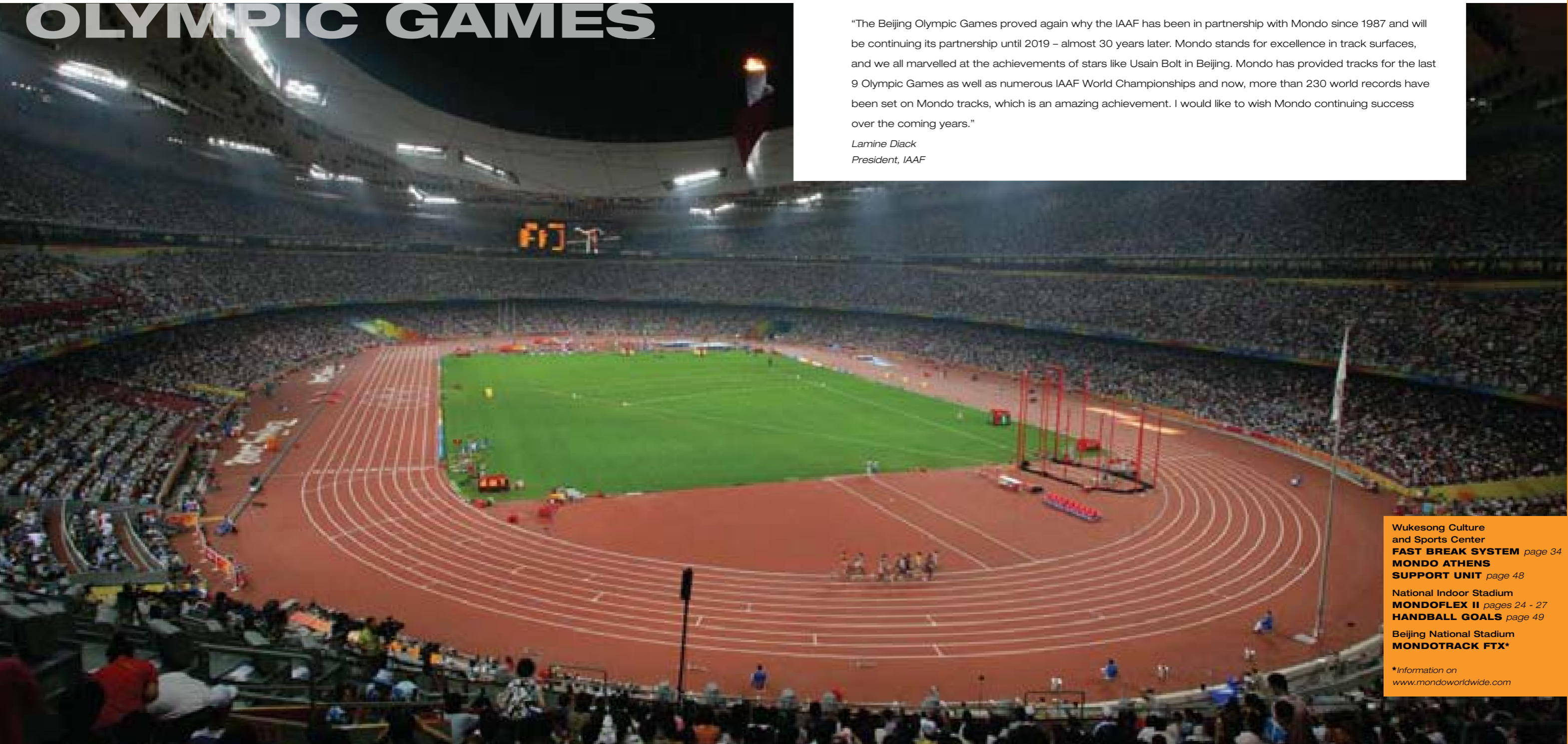
SHOWCASE



BEIJING OLYMPIC GAMES

"The Beijing Olympic Games proved again why the IAAF has been in partnership with Mondo since 1987 and will be continuing its partnership until 2019 – almost 30 years later. Mondo stands for excellence in track surfaces, and we all marvelled at the achievements of stars like Usain Bolt in Beijing. Mondo has provided tracks for the last 9 Olympic Games as well as numerous IAAF World Championships and now, more than 230 world records have been set on Mondo tracks, which is an amazing achievement. I would like to wish Mondo continuing success over the coming years."

*Lamine Diack
President, IAAF*



Wukesong Culture and Sports Center
FAST BREAK SYSTEM page 34
MONDO ATHENS SUPPORT UNIT page 48
National Indoor Stadium
MONDOFLEX II pages 24 - 27
HANDBALL GOALS page 49
Beijing National Stadium
MONDOTRACK FTX*
*Information on
www.mondoworldwide.com



ATHENS OLYMPIC GAMES

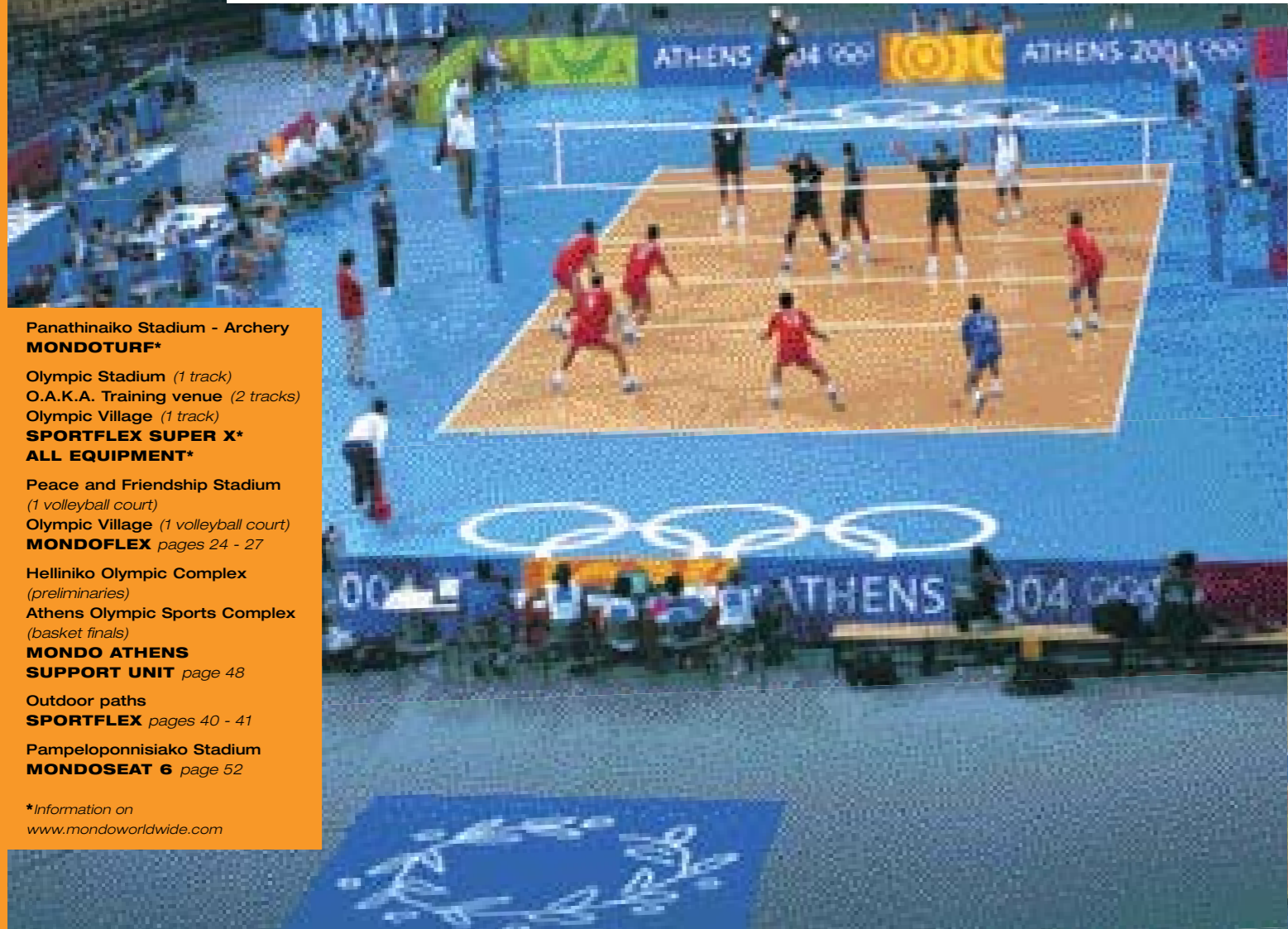


"On behalf of the whole Organising Committee for the Athens 2004 Olympic Games, I would like to commend Mondo for supplying the Olympic main track, the training tracks and the athletic equipment and for contributing to the enormous success of the back home Athens Olympic Games. Mondo material met the Olympic challenges and aided in the world record performances of the Olympic athletes. Congratulations and thank you for your co-operation, support and, most importantly, for being a key member of our sports team!"

Yannis Pyrgiotis
Executive Director of ATHOC

"The high quality of the elastic surfaces in the Olympic Stadium and warm-up sites as well as their flawless installation has enabled the participating athletes to achieve high performances in the majority of the events. Special reference has to be made for Mondo's technical team for their efficiency and know-how."

Evangelos Papapostolou
Competition Manager of Athletics



- Panathinaiko Stadium - Archery
MONDOTURF*
- Olympic Stadium (1 track)
- O.A.K.A. Training venue (2 tracks)
- Olympic Village (1 track)
- SPORTFLEX SUPER X***
- ALL EQUIPMENT***
- Peace and Friendship Stadium
(1 volleyball court)
- Olympic Village (1 volleyball court)
- MONDOFLEX** pages 24 - 27
- Helliniko Olympic Complex
(preliminaries)
- Athens Olympic Sports Complex
(basket finals)
- MONDO ATHENS**
- SUPPORT UNIT** page 48
- Outdoor paths
- SPORTFLEX** pages 40 - 41
- Pampeloponnisiako Stadium
- MONDOSEAT 6** page 52

*Information on
www.mondoworldwide.com





FIBA WORLD CHAMPIONSHIP 2006

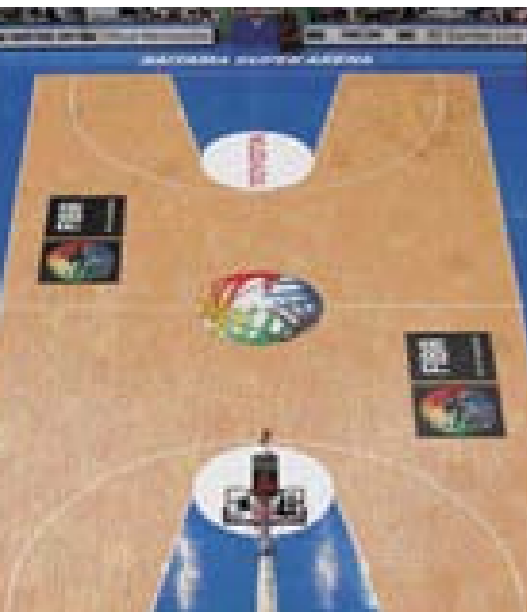
GYMNASIUM
Fast Break System
page 34

SCOREBOARD
2 scoreboards Pegasus
pages 50 - 51

SHOT CLOCK
24" four faces
& four luminous
board frames
page 48

"This Championship is the most prestigious basketball event. Held in Argentina in 1950 for the first time, the Championship is organized every four years between Olympics. For the first time Japan welcomed this very important event in 2006, from August 19th until September 3rd. The Saitama Arena hosted both the semifinals and the finals; all the competitions were played on Mondo's Fast Break System, a removable wooden flooring engineered for high level competitions. This floor meets the requirements of the most demanding professional athletes, combining high technical performances with comfort and safety during competition. This product is officially approved in respect of FIBA norms stipulated in the Official Basketball Rules 2006."

Lubo Kotleba, FIBA Sports Director





A DESIGN BUILD PROJECT:
PABELLÓN DE MAHÓN
RAISING A SPORT FACILITY IN 90 DAYS

MONDOELASTIC SYSTEMS
 pages 30 - 33

BASKETBALL UNITS
 pages 48 - 49

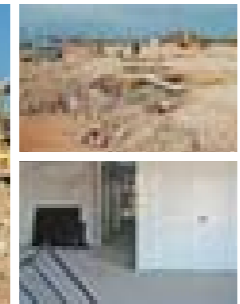
BASKETBALL SCOREBOARD
 pages 50 - 51

SEATING
 pages 52 - 53

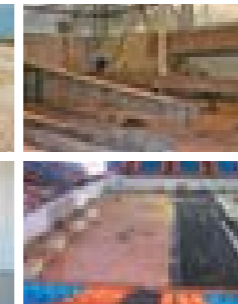
June 25
 Starting the construction



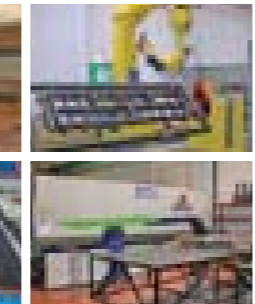
July 8
 Foundations, levelling of the area



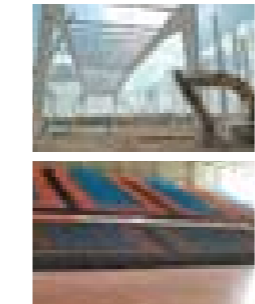
July 15
 Manufacturing the structures



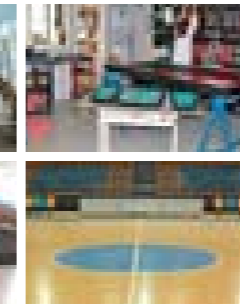
July
 Manufacturing of the tribunes



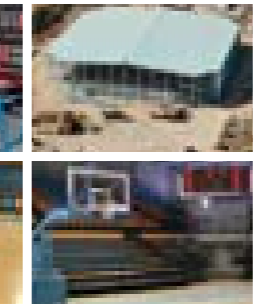
July 28
 Raise of the main structure



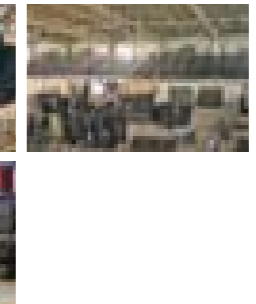
August
 Manufacturing the equipment & scoreboards



August 16
 End of works - Main structure, roofing



August 20
 Assembly of the tribunes structures



August 15-30
 Refurbishing the offices

September 3-6
 Pavement installation Mondoelastic

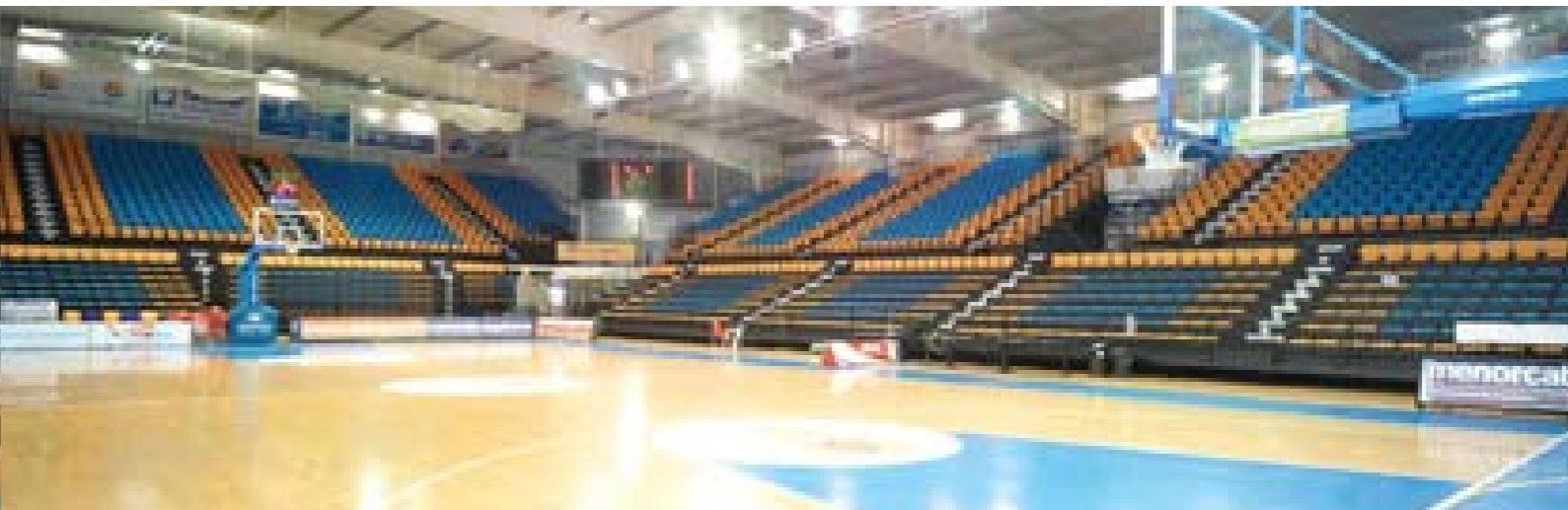
September
 Manufacturing Telescopic tribunes

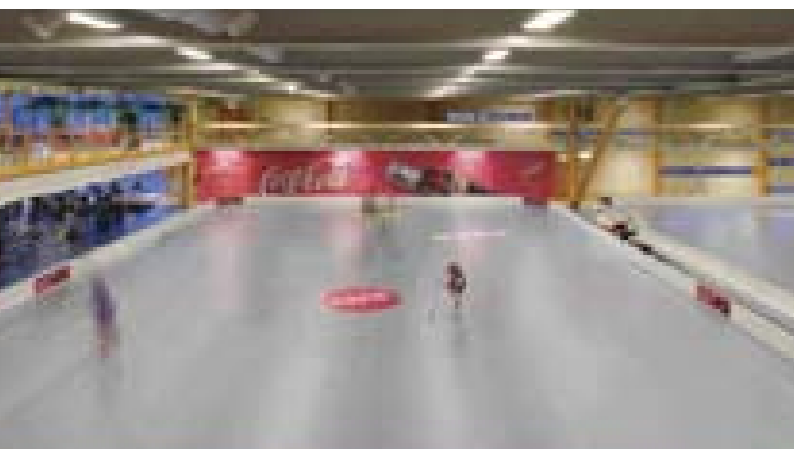
September 15
 Installation - Telescopic tribunes

September 22
 Line marking

September 25
 Testing the electrical equipments

October 2
 Inauguration





ESPORT ARENA



- TRACK & FIELD**
Sportflex Super X
pages 40 - 41
- TURF**
Mondoturf Ecofill*
- MONDOELASTIC SYSTEMS**
pages 30 - 33
- 7 BANDI FIELDS**
Mondoflex series
pages 24 - 27
- JOGGING AND ROLLER SKATING TRACK**
Mondoflex series
pages 24 - 27
- WEIGHT ROOM**
Sport Impact
pages 42 - 43
- COMMON AREAS**
Futura*

*Information on www.mondoworldwide.com


AMERICAN TEAMS

1 Indianapolis Colts • 2 Houston Texans • 3 Cleveland Browns • 4 Pittsburgh Steelers • 5 Dallas Cowboys • 6 New Orleans Saints
 7-8 Penn State University *Nittany Lions* • 9 Indiana University *Hoosiers* • 10 University of Florida *Gators* • 11-12 Arizona State University *Sun Devils*
 13 Stanford University *Cardinal* • 14 Boston University *Terriers* • 15 University of Miami *Hurricanes* • 16-17 East Carolina University *Pirates*
 18 University of Iowa *Hawkeyes* • 19 Duke University *Blue Devils* • 20 University of Illinois at Chicago *Flames* • 21 Kent State University *Golden Flashes* • 22 University of North Carolina *Tar heels* • 23 Southern Methodist University *Mustangs* • 24 University of Tennessee *Volunteers*
 25 University of Maryland *Terrapins* • 26 Princeton University *Tigers* • 27 Illinois State University *Redbirds* • 28 University of Illinois *Fighting Illini*
 29 Yale University *Bulldogs* • 30 Northern Illinois University *Huskies* • 31 Philadelphia Eagle • Buffalo Bills • New York Jets • Jacksonville Jaguars • Philadelphia 76ers • Arizona Diamondbacks • Green Bay Packers • Kansas City Chiefs • Chicago Bears • Notre Dame University *Fighting Irish* • Florida State University *Seminoles* • University of Oregon *Ducks* • Virginia Tech University *Hokies* • Auburn University *Tigers* • Boston University *Terriers* • Georgia State University *Panthers* • Columbia University *The lions* • Cornell University *Big Red* • University of California *Banana Slugs* • University of Illinois *Fighting Illini* • University of Kentucky *Wildcats* • University of Louisville *Cardinals* • Bucknell University *Bison*

SPORT IMPACT
speckled pattern


RAMFLEX
marbled pattern
pages 42-43





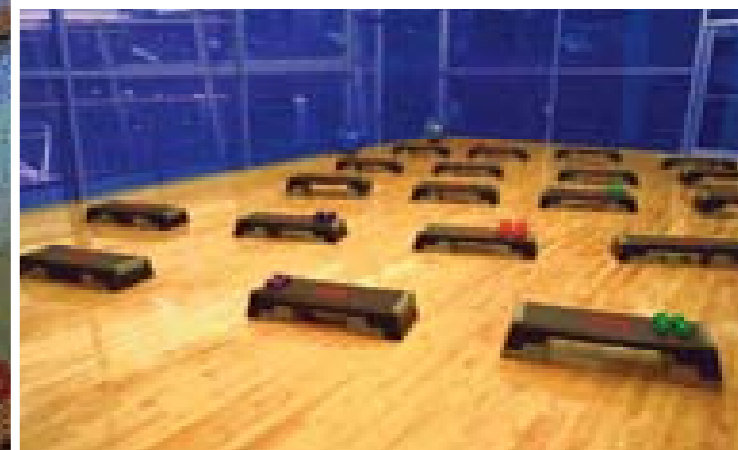
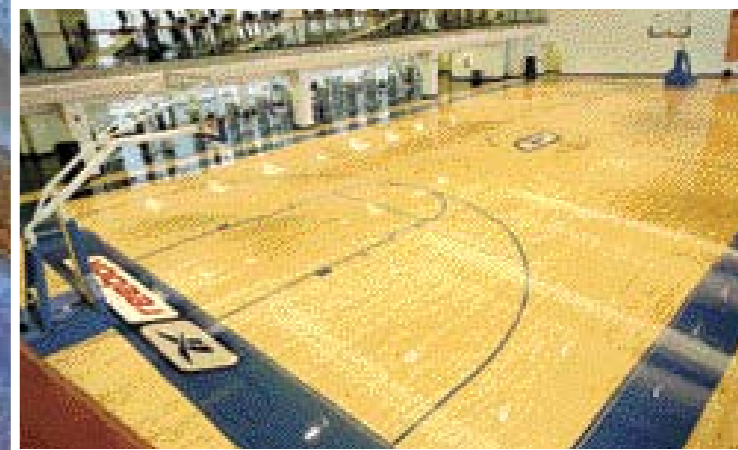
"The Reebok World Headquarters was designed to exceed high standards. Mondo flooring products, with their superior design, construction and performance were a clear choice for Reebok. Reebok International is extremely pleased with the results. We look forward to working with them in the future."

*Douglas W. Noonan, P.E.
Director - Corporate Real Estate and Facilities, Reebok International*



"Our vision for the Reebok World Headquarters was to create a stimulating environment for Reebok's sports and fitness business culture. The color, texture and pattern of Mondo flooring create a wonderful liveliness and synergy that fit perfectly with our vision for Reebok!"

NBBJ Architects



REEBOK WORLD HEADQUARTERS

OUTDOOR & INDOOR TRACK
Sportflex Super X Performance*

CARDIO AREA
Mondoflex series
pages 24 - 27

WEIGHT ROOM
Ramflex
pages 42 - 43

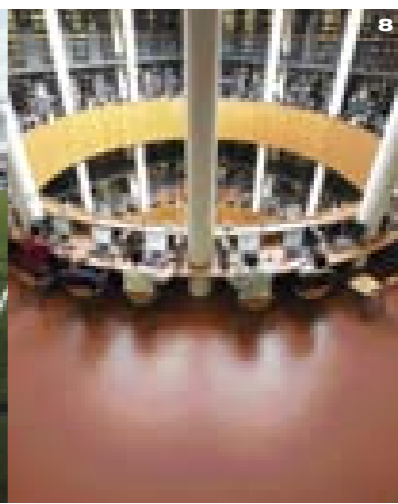
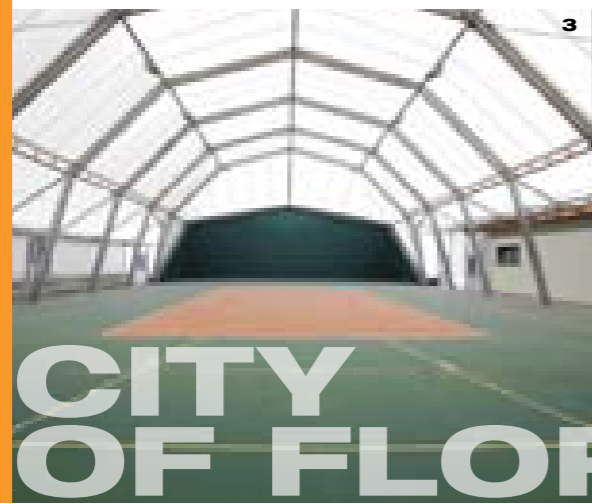
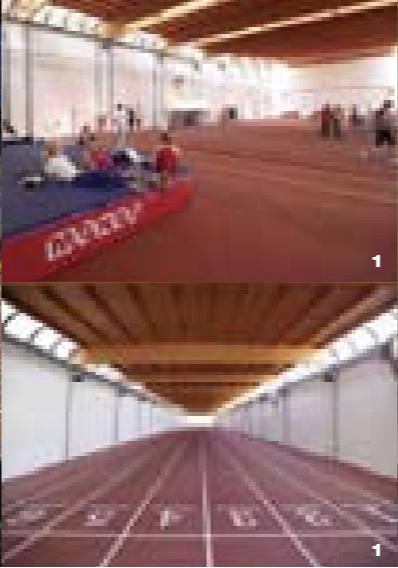
GYMNASIUM
Mondoelastic systems
pages 30 - 33

AEROBICS
Mondoelastic systems
pages 30 - 33

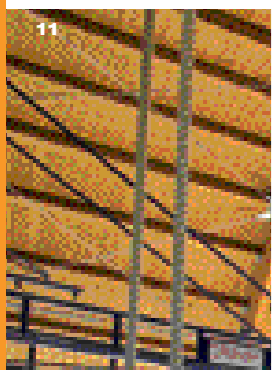
*Information on
www.mondoworldwide.com

- 1 Stadio Atletica Luigi Ridolfi
Sportflex Super X*
Equipment*
Mondoseat pages 52 - 53
- 2 Centro Tecnico Federale di Coverciano
Mondoturf Ecofill**
Equipment*
Mondoseat pages 52 - 53
- 3 Santa Caterina Associazione Sportiva
Mondoflex pages 24 - 27
- 4 Scuola Mazzanti
Mondosport I pages 28 - 29
- 5 T. Tasso Public Square
Mondoturf*
- 6 Sede dell'Univeristà Europea
Mondoturf*
- 7 Santa Caterina Associazione Sportiva
Mondoturf*
- 8 Nuovo Polo Universitario di Novoli
Punti*
- 9 Scuola Elementare Giotto
Punti*
- 10 Ospedale S. Maria Annunziata
Punti • Futura*
- 11 Scuola Martin Luther King
Mondosport I pages 28 - 29
- 12 Caserma dell'Esercito Italiano in Firenze
Mondoflex pages 24 - 27

*Information on
www.mondoworldwide.com



CITY OF FLORENCE



"An installation of extraordinary value, treasure of the Italian Athletic Federation. We are proud to have a Stadium of this kind in Florence. We have hosted for the second time the European Championship and we are working hard to ensure that the Stadium will host many more international competitions. Next to the Ridolfi we have also built an indoor training facility where the runners and the jumpers can train before the competition as well as during the winter months reducing the risk of injuries caused by unfavourable weather conditions. Both the stadium and the indoor facility have been equipped with Mondo products."

E. Giani
Sport Councilor of the City of Florence

The Mondo flooring products have been installed in all the study areas, in particular the lecture rooms and the library common areas. The flooring blended well with all the other materials that were utilized in particular with the stone used in the corridors. Upon entering the lecture rooms of the library you can tell right away that the quality of the floor helps to make the area comfortable thanks to the warmth of the color and to the sound absorptions qualities of the floor.

Florence University Campus at Novoli



ATHLETICS



FOOTBALL



BASKETBALL



HANDBALL



VOLLEYBALL



FUTSAL



BADMINTON



BOWLS



WWW
MONDOWORLDWIDE
COM



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