

CodeX

**CATALOGUE
SAFETY
PROTECTIONS**



INDEX

About us	2-3
Services & certifications	4-5
Our sectors	6
Range of products	7
Schools & kindergartens	8-9
Sport facilities	10-11
Urban furniture	12
Accommodation facilities	13
Cruise ships	14-15
Health & hospitals	16
Industrial	17
Technical data sheets	18-23



By your side for over 45 years

A story of dedication and passion for work, started in 1975 by the educational and cognitive rehabilitation sector and developed over time to include the safety sector.



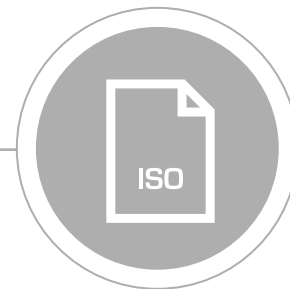
MADE IN ITALY

To realize our products we only use materials of Italian origin in order to guarantee high quality standards.



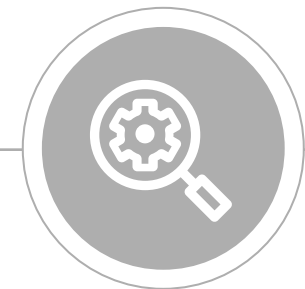
PATENTED PRODUCTS

Thanks to in-depth studies, we have designed and patented new products for safety, originally nonexistent in the market.



ISO 9001:2015

Our professionalism and attention to user's needs are certified by the ISO 9001:2015, Quality Management System.



CUSTOMIZED SOLUTIONS

The technical office is able to offer and design customized solutions according to the needs of our customers.

Something about our company

Codex started working over 45 years ago in the field of educational materials, psychomotricity and cognitive rehabilitation. In 1996, thanks to the far-sightedness of its founder, Mr. Giorgio Cinti, has decided to expand its offer to the market by introducing **new and innovative products** designed to bridge specific market gaps and **ensure the safety of the environments** as well as users' protection.

In particular, it is specialized in the **design, production and installation** of a wide range of **shock absorbing protections** like wall and column paddings, corner guards, rubber floorings, cover for radiators, etc

Codex is able to provide endless solutions for satisfying all requirements concerning the safety of indoor and outdoor areas of **schools, sport facilities, playgrounds, hospitals, accommodation facilities, cruise ships, companies, logistic warehouses**, etc. (both private and public).

Codex's products, original and rigorously **"Made in Italy"**, are the result of in-depth studies, research and selection of high quality raw materials suitable to guarantee the satisfaction of the different needs of its customers.

Today the company is a solid reality in **Italy but also abroad**, thanks to its network of local distributors.





The services we offer

The technical office is able to design and offer customized solutions according to the needs of its customers, without neglecting the aesthetic aspect of the intervention that have to be performed.

Codex Srl guarantees its assistance for each phase of work: from design and installation to after sale.



CONSULTATION AND ASSISTANCE

Maximum helpfulness with the customer for advices on interventions and products selection. After-sales assistance for installations and maintenance of products.



DESIGN AND TECHNICAL INSPECTIONS

Our technical office is always ready to design tailor-made solutions and can help the customer with measurements and on-site inspections in Italy and abroad.



INSTALLATIONS AND MAINTENANCE

We add to consultancy, assistance and design, the installation and the maintenance service, carried out by a team of experts in this sector.

Which regulations do we refer to?

UNI EN 913 Annex C

The standard UNI EN 913 specifies the general safety requirements and test methods for all types of gymnastic equipment intended for use under the supervision of a competent person.

Products: Onda, Maxionda and Wall Mat paddings

UNI 10809: 1999

This regulation establishes the dimensional characteristics and mechanical performance of prefabricated railings, balustrades or parapets, according to their intended use and the installation environment.

Products: Covers for radiators and safety gates mod. Eurotermo, Happytermo, Polytermo Light

EN 1177:2018 + AC:2019

The legislation UNI EN 1177 establishes the minimum requirements for any surface covering of children's play areas, in order to cushion the impact caused by the fall.

Products: Polyshock and Quadrotte floorings

SAFETY OF TOYS

EN 71-1:2014 + A1:2018

Part 1: Mechanical/Physical properties

EN 71-2:2011 + A1:2014

Part 2: Flammability

EN 71-3:2019

Part 3: Migration of certain elements

Products: Polymat mats, Polymat corner guards, Hot Dog corner guards, Onda and Maxionda



We work in every environment

Our purpose is to make every environment safe. No matter if the structure is newly built or already existing but it is important to do adjustments following the current regulations of each State.

The main areas of application of our products are schools, playgrounds, sports facilities, gyms, hospitals and nursing homes, water and amusement parks, logistics warehouses, accommodation facilities, cruise ships and public areas.



The wide range of our safety protections

Sensing that the need to guarantee the safety of children was becoming increasingly important, **in 1992 Codex, together with a chemist, created Polymat®**, a particular foam made of E.V.A., ideal for the production of **interlocking mats**. Polymat® has proved to be an excellent material for obtaining protections of various type and shape, effective and above all non-toxic. In 1996 Codex was the first company in Italy to consider essential to patent and insert in the range of its products **a new line of articles specifically designed for the school safety**. The line of shockproof protections is constantly evolving and is also extending to other sectors, such as the sports one.



CORNER GUARDS

Thanks to the high shock absorption capacity, they guarantee an effective protection of the person. Our corner guards are made of Polymat and can be customized in length and width. Available with L or U internal section.



ONDA & MAXIONDA PADDINGS

Particular sheets of Polymat® with wavy structure, designed to be flexible and cover surfaces of every shape. Both tested in accordance with UNI EN 913 regulation for the high shock absorption capacity. Suitable for indoor and outdoor.



SAFETY GATES & PLAYPEN

With our plastic tubular we are able to create tailor-made safety gates and playpens for children. The material used is resistant, non toxic, shockproof and anti splinter. The best solution for delimiting areas for children.



COVERS FOR RADIATORS

The original and patented radiator covers made of a non-toxic, shockproof and anti splinter plastic tubular structure. They have been specifically designed for school environments to guarantee safety in case of impact against radiators.



PUZZLE MATS

Our interlocking mats in Polymat are completely non-toxic, resistant and soft. Available in different sizes, thicknesses, colours and softness. Moreover, the fireproof version of the mats can be used as a wall guard.



SHOCKPROOF FLOORING

Flooring made of SBR rubber tiles with "dovetail profile" that do not require any adhesive for the installation. Its thickness depends on the height of the eventual fall (HIC) and varies from 20 mm to 100 mm.

SCHOOLS & KINDERGARTEN



RADIATOR COVER | EUROTERMO



PLAYPEN FOR KIDS | EUROTERMO



WALL AND COLUMNS | MAXIONDA 28 MM



EMERGENCY STAIRWAY | ONDA 22 MM



PUZZLE MATS | POLYMAT LIGHT



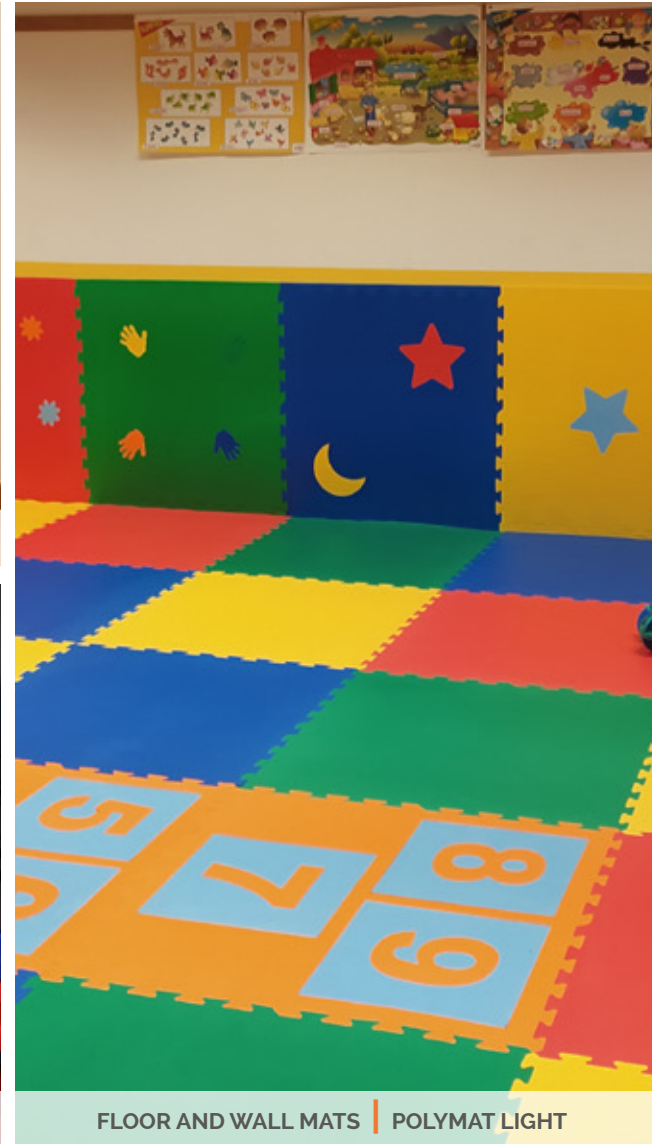
WALL PADDINGS | ONDA 22 MM



ROUND COLUMNS | ONDA 22 MM



SAFETY GATES FOR KIDS | EUROTERMO



FLOOR AND WALL MATS | POLYMAT LIGHT



OUTDOOR SBR FLOORING | QUADRIO GIGA



"L" SHAPED CORNER GUARDS | POLYMAT LIGHT

INDOOR & OUTDOOR SPORT FACILITIES



FOOTBALL GOALS | ONDA 22 MM



BALUSTRADES AND RAILINGS | MAXIONDA 28 MM



PADEL COURTS PROTECTIONS | ONDA 22 MM



WALL PADDING | ONDA 22 MM



BASKETBALL STAND | MAXIONDA 28 MM



LOW WALL PADDING | ONDA 22 MM



WALL AND COLUMNS PADDING | ONDA 22MM



TENSILE STRUCTURES | MAXIONDA 28 MM



PERIMETER ADVERTISING SYSTEM | TOBIA



SOCCER FIELD | ONDA 22 MM

URBAN FURNITURE



SHOCKPROOF FLOORING | POLYSHOCK



TRICYCLES TRACK | QUADRIO GIGA



FOUNTAIN | ONDA 22 MM



CONCRETE PLANTER | ONDA 22 MM



TREES PROTECTION | ONDA 22 MM



SAFETY FENCES | EUROTERMO

ACCOMMODATION FACILITIES



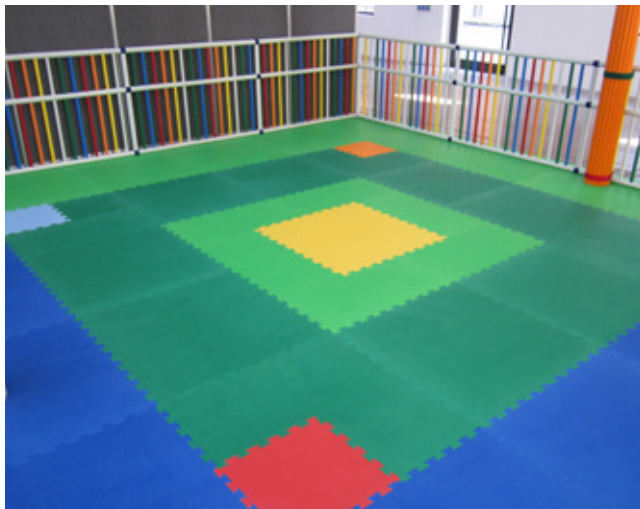
OUTDOOR PLAY AREA | QUADRIO GIGA & EUTOTERMO



PUZZLE MATS FOR KIDS | POLYMAT LIGHT



PLAYPENS FOR KIDS | HAPPYTERMO



INDOOR PLAY AREA | POLYMAT LIGHT & EUROTERMO



CURVED LOW WALL | ONDA 22MM



GAZEBO AND RELAX AREA | QUADRIO GIGA

CRUISE SHIPS



PILLARS RELAX AREA | MAXIONDA 28 MM



TENNIS COURT | MAXIONDA 28 MM



DECK PILLARS | MAXIONDA 28 MM



WATER SLIDE | MAXIONDA 28 MM



MULTI-PURPOSE SPORTS COURT | MAXIONDA 28 MM



DECK PILLARS | MAXIONDA 28 MM



BASKETBALL COURT | MAXIONDA 28 MM



WATERPARK PILLARS | MAXIONDA 28 MM



WATER SLIDE FLANGES | MAXIONDA 28 MM



DECK PILLARS | MAXIONDA 28 MM

HOSPITALS & NURSERY HOMES



SQUARED COLUMNS | WALLMAT



ROOM FOR DISABLED | WALLMAT



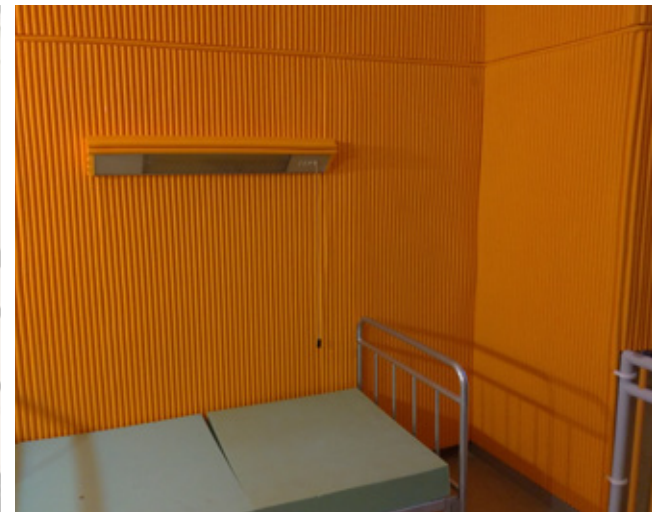
ROOM FOR DISABLED | ONDA 22 MM



RADIATOR COVERS | EUROTERMO HIGH



HOSPITAL WALL PADDING | ONDA 22 MM



ROOM FOR DISABLED | ONDA 22 MM

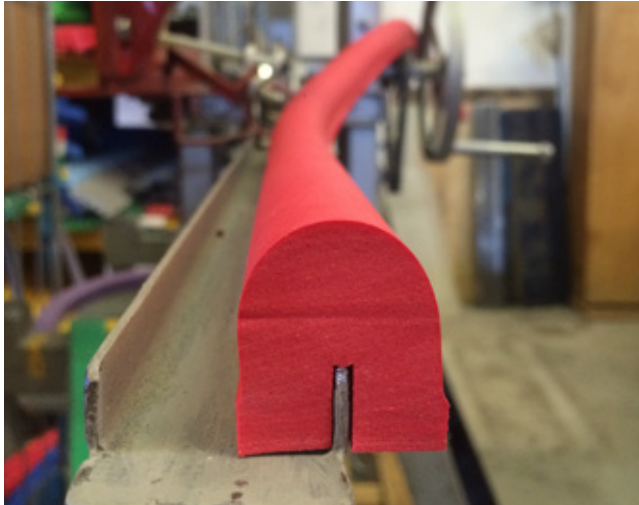
COMPANIES AND LOGISTIC WAREHOUSES



FIRE HYDRANT BOX | ONDA 22 MM



FORKLIFT | MAXIONDA 28 MM



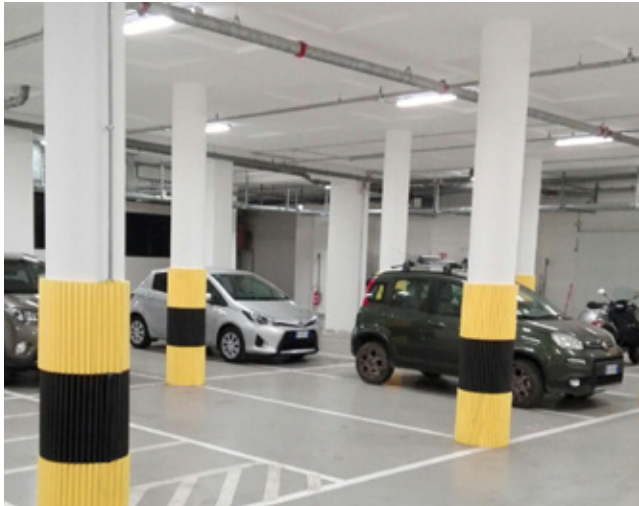
PROFILE PROTECTIONS | HOT DOG "U"



"H" IRON BEAM | ONDA 22 MM



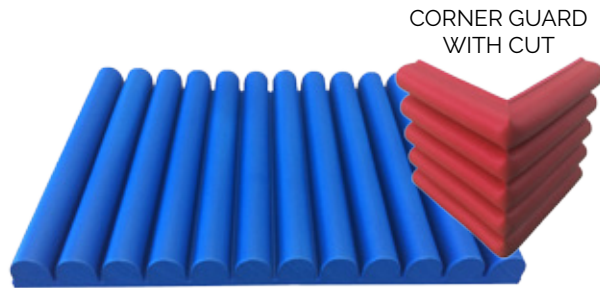
INDUSTRIAL STEEL PIPES | MAXIONDA 28 MM



PARKING'S COLUMNS | MAXIONDA 28 MM

ONDA

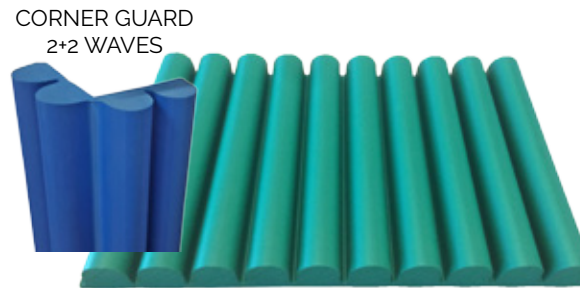
(item 4422)



Material	Polymat®, a mixture of Ethylene Vinyl Acetate, with inorganic charge and various pigments
Available versions	Non-toxic Fireproof Bfl-s1
Standard size	100 x 200 cm
Thickness	22 mm
Weight	6 kg/sheet
Standard colours	
Water absorption	None
Reaction to fire	Category III (non-toxic) Class 1, Bfl-s1 (fireproof)
Density (UNI 10902)	160 kg/m ³ (non-toxic) 170 kg/m ³ (fireproof)
UNI EN 913:2019 Ann.C	Speed: 2,50 m/sec Fall height: 32 cm

MAXIONDA

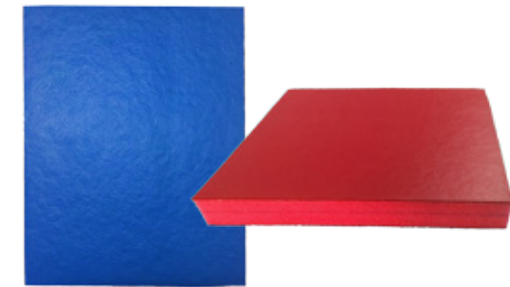
(item 4468)



Material	Polymat®, a mixture of Ethylene Vinyl Acetate, with inorganic charge and various pigments
Available versions	Non-toxic Fireproof Bfl-s1
Standard size	90 x 200 cm
Thickness	28 mm
Weight	7 kg/sheet
Standard colours	
Water absorption	None
Reaction to fire	Category III (non-toxic) Class 1, Bfl-s1 (fireproof)
Density (UNI 10902)	160 kg/m ³ (non-toxic) 170 kg/m ³ (fireproof)
UNI EN 913:2009 Ann.C	Speed: 2,97 m/sec Fall height: 45 cm

WALL MAT

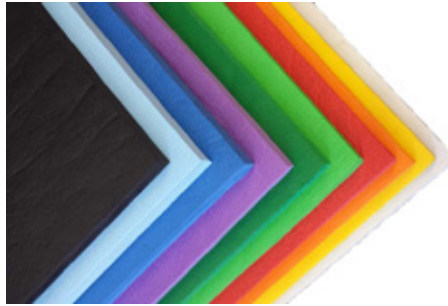
(item 2970)



Material	Expanded Polyethylene foam coupled with PVC
Available versions	Fireproof Cl.1
Standard size	200 x 130 cm
Thickness	22 mm
Weight	3,5 kg/sheet
Density	30 kg/m ³
Standard colours	
Water absorption	None
Reaction to fire	Class 1
UNI EN 913:2009 Ann.C	Speed: 1,87 m/sec Fall height: 20 cm

POLYMAT® WALL PADDING

(items 2960-2966 / 1780-1819)



Material	Polymat®, a mixture of Ethylene Vinyl Acetate, with inorganic charge and various pigments
Available versions	Non-toxic Fireproof Bfl-s1
Standard size	Sheet (100 x 200 cm) Mat (100 x 100 cm)
Thickness	7,5 mm 10 mm 15 mm 20 mm
Standard colours	
Water absorption	Nessuno
Density (UNI 10902)	150 kg/m ³ (non-toxic) 170 kg/m ³ (fireproof)

"TOBIA" ADVERTISING SUPPORT

(items 2212-2213)



Material	Plastic tubular (PVC) non-toxic, shockproof and anti-splinter
Available versions	One side Double side
Standard size (L x H)	200 x 70/80 cm 200 x 90/100 cm 300 x 70/80 cm 300 x 90/100 cm
Tubular's thickness	2 mm
Tubular's diameter	50 mm
Standard colours PVC tubular	
Standard colours connection joints	
Accessories	U-bolt brackets PVC advertising banner

"FLASH" BARRIER

(item 2215)

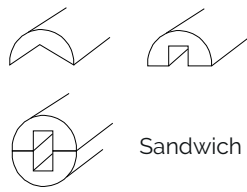
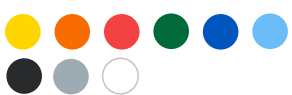


Material	Plastic tubular (PVC) non-toxic, shockproof and anti-splinter
Standard size (L x H)	200 x 90 cm 200 x 100 cm 300 x 90 cm 300 x 100 cm
Tubular's thickness	2 mm
Tubular's diameter	50 mm
Standard colours PVC tubular	
Standard colours connection joints	
Accessories	U-bolt brackets PVC advertising banner
U-bolt brackets	

HOT DOG EDGE PROTECTORS

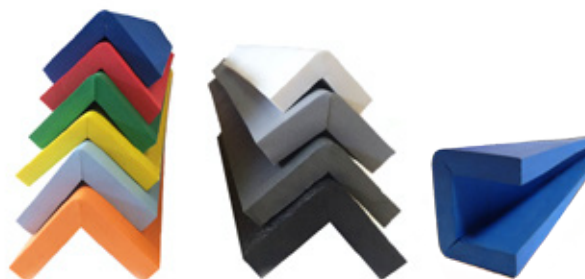
(items 4501.V-4501.U)




Material	Polymat®, a mixture of Ethylene Vinyl Acetate, with inorganic charge and various pigments
Available versions	Non-toxic (EN 71-3:2019) Fireproof Bfl-s1
Available sections	 Sandwich
Depth section U	From 3 mm to 18 mm
Thickness	28 mm
Standard colours	
Water absorption	None
Reaction to fire	Category III (non-toxic) Class 1, Bfl-s1 (fireproof)

POLYMAT® CORNER GUARDS

(items 1837-1845)




Material	Polymat®, a mixture of Ethylene Vinyl Acetate, with inorganic charge and various pigments
Available versions	Non-toxic (EN 71-3:2019) Fireproof Bfl-s1
Available sections	L-shaped U-shaped
Internal measures	30+30 mm - 40+40 mm 50+50 mm - 70+70 mm 100+100 mm and custom
Thicknesses	10 mm 15 mm
Standard colours	
Water absorption	None
Reaction to fire	Category III (non-toxic) Class 1, Bfl-s1 (fireproof)

POLYMAT® STRIPES

(items 1829-1836)



Material	Polymat®, a mixture of Ethylene Vinyl Acetate, with inorganic charge and various pigments
Available versions	Non-toxic (EN 71-3:2019) Fireproof Bfl-s1
Width (mm)	20 mm - 30 mm - 40 mm 50 mm - 70 mm - 100 mm and custom
Thicknesses	7,5 mm 10 mm 15 mm 20 mm
Standard colours	
Water absorption	None
Density (UNI 10902)	150 kg/m ³ (non-toxic) 170 kg/m ³ (fireproof)

"EUROTERMO" RADIATOR COVER

(item 1848.E)

WITH STOPPER
(H > 80 cm)



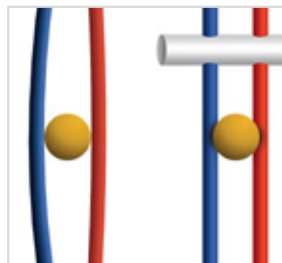
WITHOUT STOPPER
(H < 80 cm)



SUPER CLIP
BRACKETS

Material	Plastic tubular (PVC) non-toxic, shockproof and anti-splinter
Available versions	With stopper (h > 80 cm) Without stopper (h < 80 cm)
Tubular's thickness	2 mm
External structure's diameter	50 mm
Standard colours ø 50mm tubular	
Vertical elements' diameter	30 mm
Standard colours ø 30mm tubular	
Reaction to fire	Class 1
Certifications	Tested UNI 10809:1999 3.2 Scalability 3.3 Uncrossability 3.4 Handrail features 4. Mechanical performance

KEY FEATURES



UNCROSSABILITY

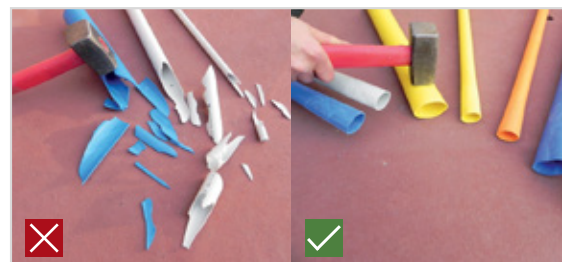
We have patented a rigid spacer called "Stopper" to guarantee that the barriers cannot be crossed. It must be inserted if the radiator cover exceeds 80cm in height.

The **UNI 10809: 1999 pt 3.3 standard** provides that the barriers must be uncrossable at any point from a sphere of 10cm in diameter.



IRON REINFORCEMENT

Elements longer than 140 cm are equipped with an **iron reinforcing profile**, spaced from the plastic tubular in order not to compromise the elasticity of the structure and its shock absorption capacity.



TESTED PLASTIC TUBULAR

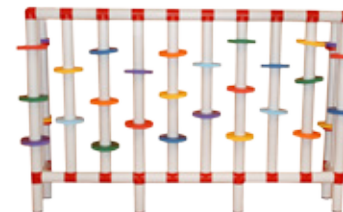
The range of our radiator covers is made of fireproof (Class 1) PVC tubular that is **non-toxic, shockproof and anti-splintering**. The hammer test shows that the tubular deforms but does not break.



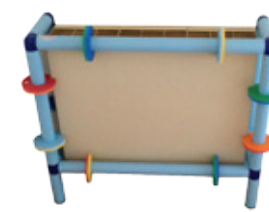
Happytermo



Polytermo Light



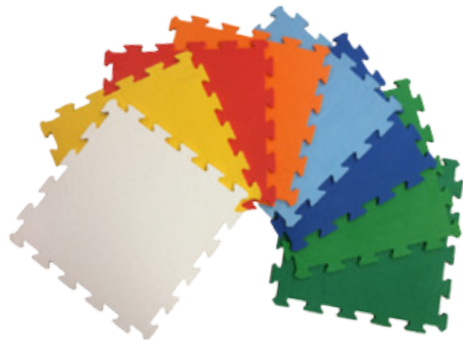
Polytermo Basic



Polyconvettore

POLYMAT® LIGHT MAT

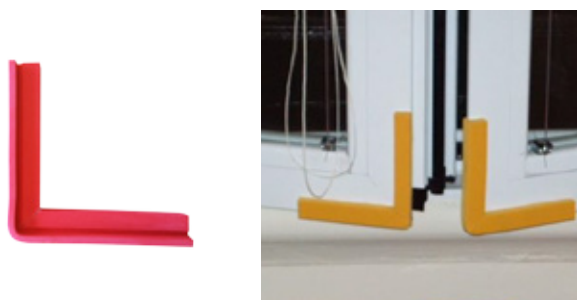
(items 1780, 1803-1820)



Material	Polymat®, a mixture of Ethylene Vinyl Acetate, with inorganic charge and various pigments
Available versions	Non-toxic (EN 71-3:2019) Fireproof Bfl-s1
Standard sizes (cm)	
Thicknesses	7,5 mm 10 mm 15 mm 20 mm
Standard colours	
Water absorption	None
Reaction to fire	Class III (non-toxic) Cl. 1 Bfl-s1 (fireproof)
Density (UNI 10902)	150 kg/m ³ (non-toxic) 170 kg/m ³ (fireproof)

WINDOW HEAD GUARDS

(items 2900-2904)



Material	Polymat® HD, a mixture of Ethylene Vinyl Acetate, with inorganic charge and various pigments
Standard sizes	
Thickness	15 mm
Standard colours	
Water absorption	None
Reaction to fire	Cl. 1 Bfl-s1

POLYCOLL ADHESIVE

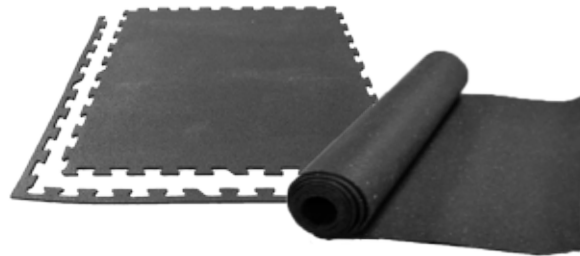
(item 1846)



Material	One-component contact adhesive based on polychloroprene and resins in solution.
Packaging and performance (gr/sqm)	100 gr - 0.2 m ² 250 gr - 0.5 m ² 500 gr - 1 m ² 1 kg - 2 m ² 5 kg - 10 m ² 16 kg - 32 m ²
Suitable surfaces	E.V.A., rubber (TR, SBR or natural), leather, natural and synthetic fabrics, porous materials in general
Conservation	Store in original sealed containers at a temperature between 5°C and 35°C.
Drying times	About 5/10 minutes

SPORT ROLL

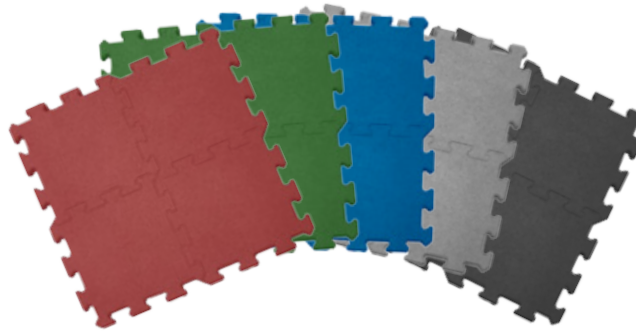
(items 2410-2410.R)



Material	Fine rubber granules of ELTs (end-of-life tires) and colored EPDM, bonded by polymerized polyurethanes
Available formats	Roll Puzzle mat
Standard sizes	6 x 1,25 m (roll) 100 x 100 cm (mat)
Thickness and weight	10 mm - 10,5 kg/m ²
Standard colours	
Water absorption	None
Reaction to fire	B2
Density (UNI 10902)	950 kg/m ³

QUADRIO GIGA

(item 2420)

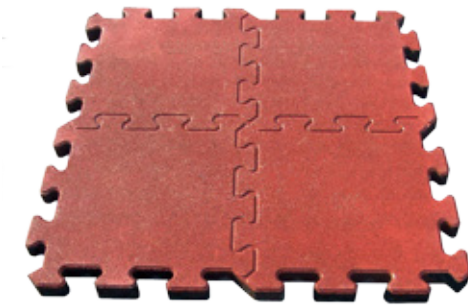


Material	Deferred recycled rubber granules (SBR) and mixed with isocyanate resin
Standard sizes (cm)	
Thickness and weight	20 mm - 20 kg/m ²
Standard colours	
Perimetral borders	Border 25 x 105 cm Corner 25 x 25 cm

Maintenance	Treatment with Long Life spray paint is recommended every 2/3 years.
--------------------	--

POLYSHOCK

(items 2425-2445)



Material	Deferred recycled rubber granules (SBR) and mixed with isocyanate resin
Standard sizes (cm)	
Thickness and weight	30 mm - 30 kg/m ² 40 mm - 36 kg/m ² 45 mm - 40 kg/m ²
HIC (height of fall) EN 1177:2018 + AC:2019	30 mm - 1,14 mt 40 mm - 1,40 mt 50 mm - 1,51 mt
Standard colours	
Maintenance	Treatment with Long Life spray paint is recommended every 2/3 years.

NOTES

**YOUR SAFETY
IS OUR PRIORITY.**

Codex srl

Via Ferrara, 6
31030 Dosson di Casier (TV)
Italy

Ph. +39 0422 634040
Fax +39 0422 633193
commerciale@codexsrl.com
www.codexsrl.com

