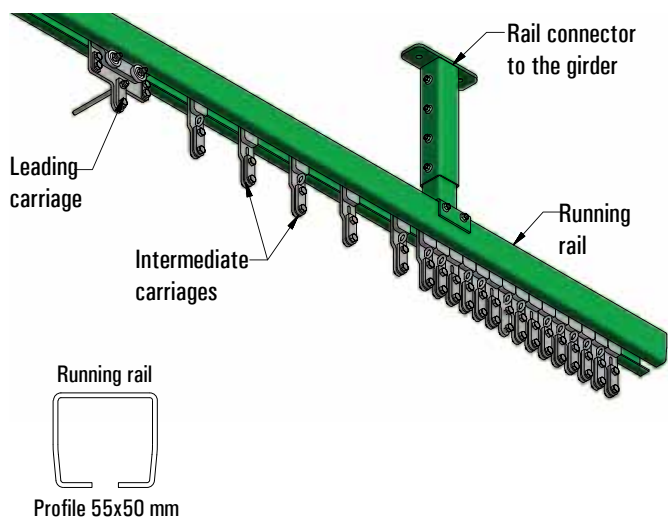




System for fixing and horizontal sliding of the curtain operated manually



Sliding down the curtain



Construction for fixing and horizontal sliding of the curtain operated manually

Universal system for fixing and sliding the curtain is equipped with a rail and a set of sliding carriages for curtain fabric attachment. The length of the rails and adaptive elements of the structure are individually designed, based on the general design of the hall and the results of detailed measurements for a particular sports facility.

Dividing curtains are available in several variants: curtains made of non-transparent fabric, curtains made of semi-transparent fabric and curtains in combination: fabric up to 3 m high + a net above. The height of the curtain is adjusted in such a way that, when attached to the guide carriages, the lower edge of the fabric remains slightly above the floor level.

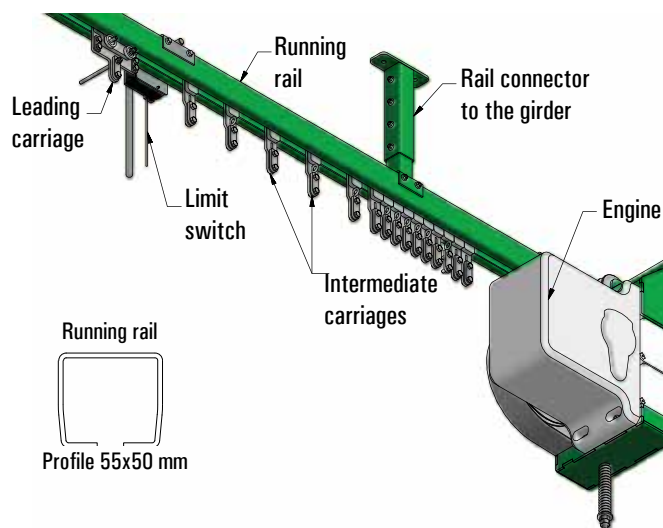
6-01

Curtain slid down





System for fixing and horizontal sliding of the curtain with electric drive



Construction for fixing and horizontal sliding of the curtain with electric drive

Universal system for fixing and sliding the curtain is equipped with a rail and a set of sliding carriages for curtain fabric attachment. The length of the rails and adaptive elements of the structure are individually designed, based on the general design of the hall and the results of detailed measurements for a particular sports facility.

Dividing curtains are available in several variants: curtains made of non-transparent fabric, curtains made of semi-transparent fabric and curtains in combination: fabric up to 3 m high + a net above. The height of the curtain is adjusted in such a way that, when attached to the guide carriages, the lower edge of the fabric remains slightly above the floor level.

There are two ways to operate the engine that drives the curtain sliding system. The first way is to use the control button installed on the hall wall (by pressing the unipolar button). The second way is to control the sliding process using remote control. The use of variable coding of remote control makes the system inaccessible to unauthorized persons. One remote can control up to four sets of dividing curtains.

6-02





Construction for vertical lifting and lowering of the curtain with electric drive

Universal roller set with drive mechanism, installed in the ceiling part of the building structure. Vertically lifts and lowers the curtain fabric, installed to divide the sports facility into sectors or serve as protective nets (ball catchers) on the walls. After folding, the curtain is placed parallel to the ceiling (this is important in the case of arc halls).

The curtain material is raised and lowered with the use of wire ropes, wound on the electric motor drum (230V, P=410W). Curtains are individually designed, to fit the structure to the existing conditions and dimensions of the sports facility.

There are two ways to operate the engine, that drives the curtain lifting and lowering system. The first way is to use the control button installed on the hall wall (by pressing the unipolar button). The second way is to control the lifting / lowering process using remote control. The use of variable coding of remote control makes the system inaccessible to unauthorized persons. One remote can control up to four sets of dividing curtains.

6-03



Photo: courtesy of Moris-Polska

Electric motor drum for lifting/lowering curtain fabric





Sound-absorbent dividing curtains Rantzows

Sound-absorbent single- or double-layer curtain, dividing the sports hall into two (or more) sectors. Suitable for all kinds of sports halls, where there is a need for division and sound insulation.

Washable and fire resistant PVC fabric with high tear strength. With hidden rivets and seams, the design eliminates the risk of injury of users and damage to very material.

Lifting of the curtain material is carried out with a construction motor and straps, sewn into the curtain material (on the inside). The engine is controlled by a wall-mounted control button. The engine is equipped with an emergency device, that stops work in case of power or structural problems.

Curtains are individually designed.
Standard colours of curtain material: gray, beige.

Technical specification

Curtain material: reinforced PVC material
PVC basis weight: 2000 gr/m² - 1200 gr/m² - 680 gr/m²
Total weight: 5 kg/m² - 3 kg/m² - 1,7 kg/m²

Optionally: door, lower profile, cutout for tribune, soundproof package.
Fire resistance according to standards: DIN 4102 B2, SIS 650082

Sound reduction: 30dB* (approximate value, depending on the environmental conditions existing in the sports facility).



6-1150 Single-layer dividing curtain, made of PVC 680 gr/m²

6-1151 Sound-absorbent double-layer dividing curtain, made of PVC 680 gr/m²

6-06

System for vertical lifting and lowering of the sound-absorbent double-layer dividing curtain with electric drive

Dividing curtain, semi-transparent polyethylene material

6-09

Available colours:



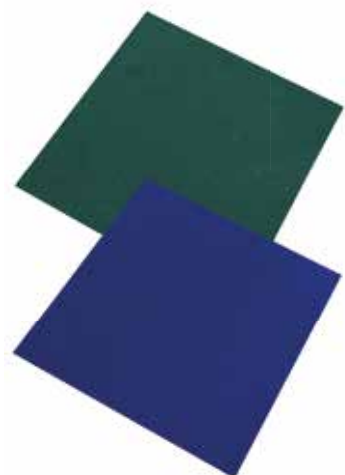
- Dark green
- Terracotta
- Cream
- Green
- Silver
- Blue
- Orange



Dividing curtain, non-transparent fabric

6-08

Available colours:



- Green
- Blue
- Black
- Red
- Gray



Dividing curtain „fabric + net”

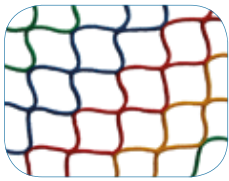
Non-transparent or semi-transparent fabric to a height of 3,0 m, above: the net with a mesh of 10x10 cm. Colour according to available colours of fabrics and nets.

6-12



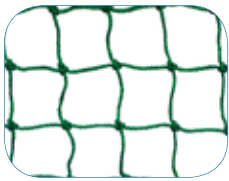


Polypropylene protective nets (soft, knotless)



Art. No.	Polypropylene protective nets	Mesh [mm]	Thickness
6-13-4	Polypropylene (PP) protective net, available colours: blue, green, yellow, red, white, gray	50x50	3 mm
6-13-5	Polypropylene (PP) protective net, available colours: blue, green, yellow, red, white	100x100	3 mm
6-13-6	Polypropylene (PP) protective net, available colours: blue, green, yellow, red, white	50x50	4 mm
6-13-7	Polypropylene (PP) protective net, available colours: blue, green, yellow, red, white, gray	100x100	4 mm
6-14-1	Polypropylene (PP) protective net, available colours: green, white, blue, yellow, red, black	45x45	3 mm
6-14-50	Polypropylene (PP) protective net, available colours: green, blue, red	45x45	5 mm
6-16-1	Polypropylene (PP) protective net, available colours: green, blue	120x120	3 mm
6-16-40	Polypropylene (PP) protective net, colour: green	120x120	4 mm
6-13-50	Polypropylene (PP) protective net, colour: green	100x100	5 mm

Polyethylene protective nets (hard, knotted)



Art. No.	Polyethylene protective nets	Mesh [mm]	Thickness
6-16-2	Polyethylene (PE) protective net, available colours: blue, dark green, green, yellow, red, white, black	50x50	3 mm
6-16-3	Polyethylene (PE) protective net, available colours: blue, dark green, green, yellow, red, white, black	100x100	3 mm
6-13-2	Polyethylene (PE) protective net, colour: green	50x50	4 mm
6-13-3	Polyethylene (PE) protective net, available colours: blue, green, yellow, red, white	100x100	4 mm



The bracket for protective net

Made of steel profile 40x40 mm, powder coated

6-20

Teflon carabiners



6-22

The set of elements for mounting protective nets to windows (up to 100 m²)



6-21

Loosely hanging protective net (backstop)



Using loosely hanging net, consider the need to wrinkle it by about 15-20%

Protective net on the window (tight)





Set of elements for the installation of protective nets on outdoor playgrounds

Protective net fixing posts, made of steel or aluminum (standard or ribbed) square profile 80x80x2 mm, mounted in assembly sleeves.

Outermost and corner posts are mounted at a spacing of 3 m, others posts are fixed at max. spacing of 6 m.

The maximum height of the posts is 6 m (only for special order - up to 8 m).

Steel posts are powder coated or hot dip galvanized; aluminum posts are anodized (and can be also powder coated). Assembly sleeves are made of steel sheets 4 mm thick, bent in a special shape, fitted to the posts.

The set includes:

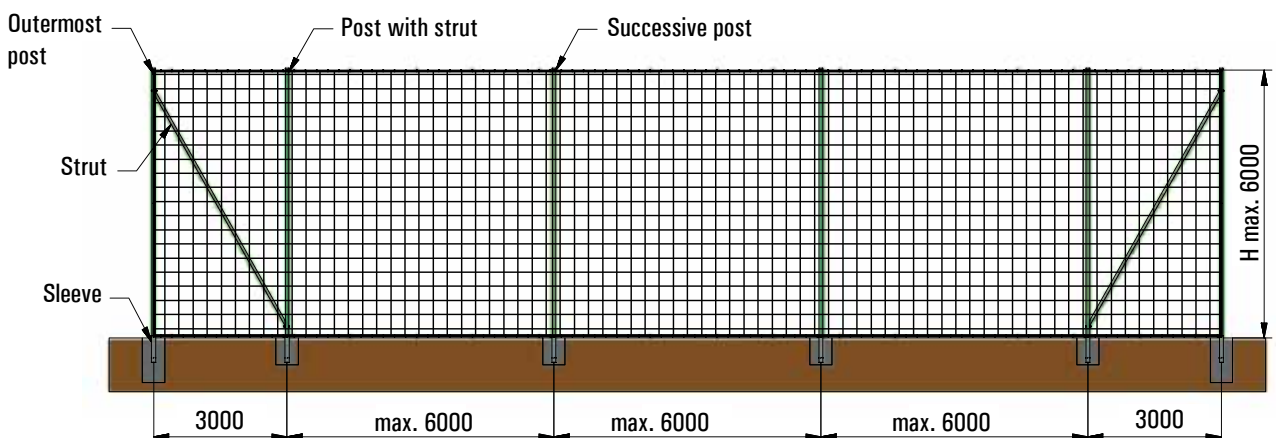
- steel or aluminum posts (square profile 80x80x2 mm),
- assembly sleeves, embedded in concrete foundation,
- struts with fixing plates, connecting the outermost posts,
- the set of fixing elements (including: ropes, turnbuckles and Teflon carabiners),
- nets (according to the list of polyethylene and polypropylene protective nets).

6-42 Steel wicket for protection sets (outdoor)

6-44 Steel gate for protection sets nets (outdoor)

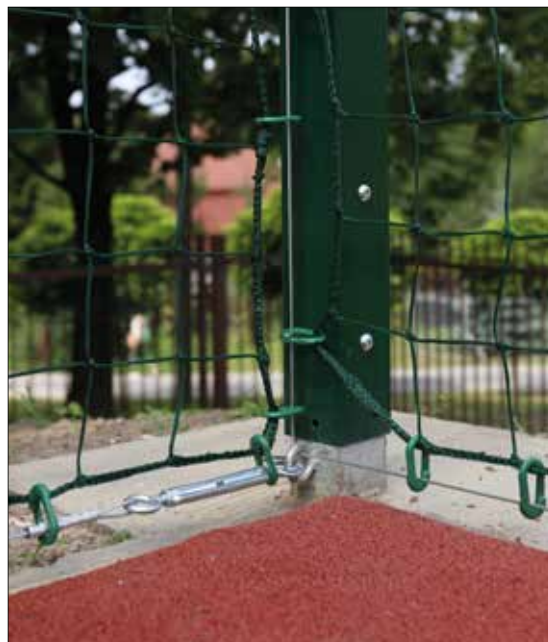
Art. No.	Protective net fixing posts
6-30	Steel post (profile 80x80x2 mm) for fixing protective nets outdoor, powder coated in green (RAL 6005) or hot dip galvanized, up to 4 m high (assembly sleeve included)
6-31	Steel post (profile 80x80x2 mm) for fixing protective nets outdoor, powder coated in green (RAL 6005) or hot dip galvanized, 4,5 m - 6 m high (assembly sleeve included)
6-40	Aluminum post (profile 80x80x2 mm) for fixing protective nets outdoor, up to 4 m high (assembly sleeve included)
6-41	Aluminum post (profile 80x80x2 mm) for fixing protective nets outdoor, 4,5 m - 6 m high (assembly sleeve included)
6-40Z	Reinforced ribbed aluminum post (profile 80x80x2 mm with additional ribs) for fixing protective nets outdoor, up to 4 m high (assembly sleeve included)
6-41Z	Reinforced ribbed aluminum post (profile 80x80x2 mm with additional ribs) for fixing protective nets outdoor, 4,5 m - 6 m high (assembly sleeve included)

We carry out individual fencing projects, including wickets and gates



The set of elements for mounting protective nets (up to 100 m²)

6-21



Assembly sleeve

6-33



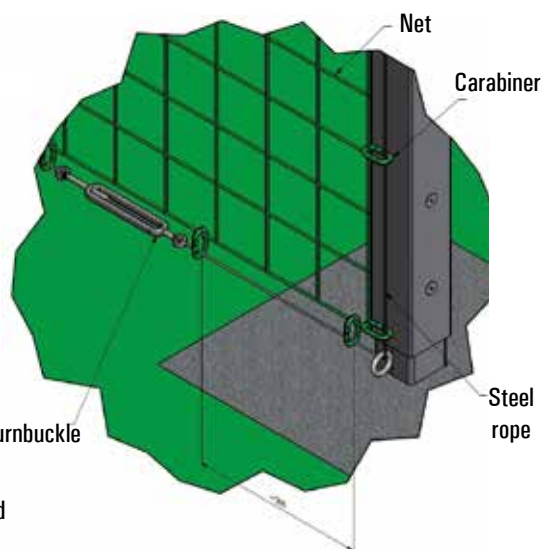
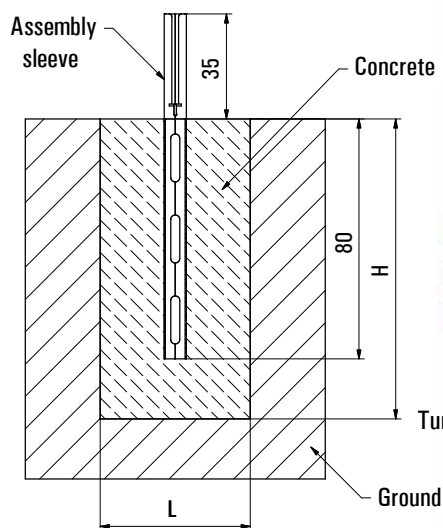
Steel posts
Standard profile
80x80 mm



Aluminum posts
Standard profile
80x80 mm



Aluminum posts
Reinforced ribbed
aluminum profile
80x80 mm





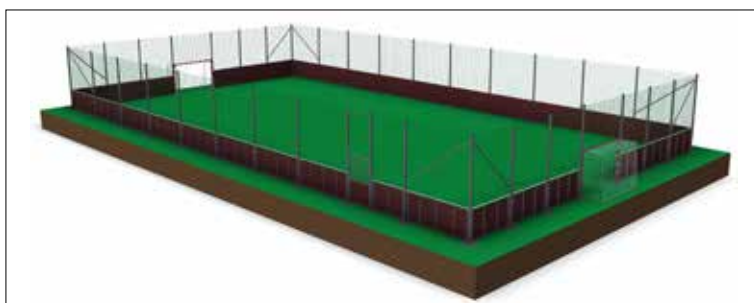
Steel fence between the posts of protection set



Strut



Protection set connecting two heights of the net



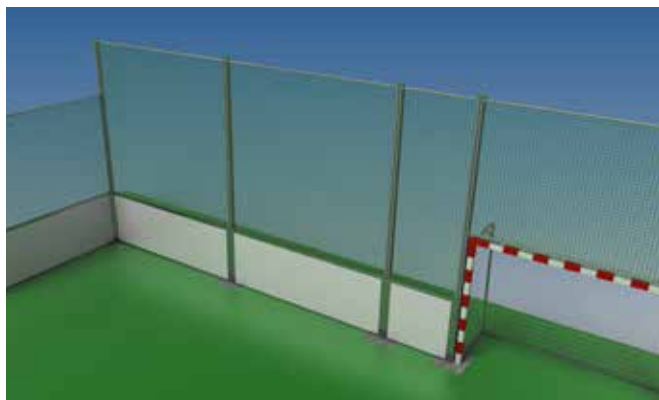
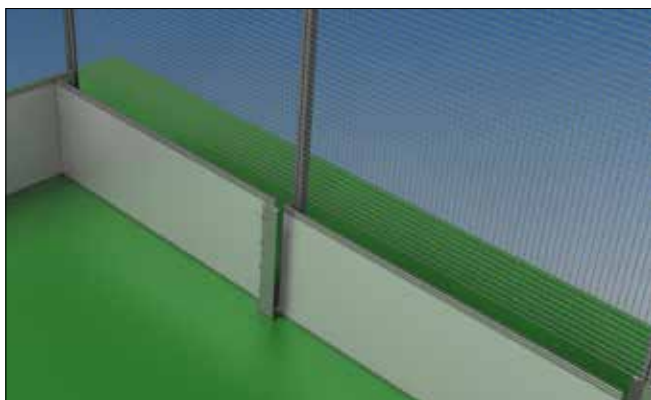
Combination of boundary bands and protection set

Easy Arena system

Boundary boards 105 cm high, with protective nets up to 4,0 m or 6,0 m. The posts made of aluminum system profiles 80x80 mm, 4 m or 6 m high, assembled to the system adapters installed in foundations. Boundary boards made of panels of colorless cellular polycarbonate 32 mm thick, fixed to the posts using clamps made of bended steel sheets. Knotless polypropylene protective net (rope 3 mm, mesh 100x100 mm); the edge of the net fixed inside, using plastic clips, on the top and bottom in special steel profile 30x30 mm, on the sides in grooves in the profiles of aluminum posts. Powder coated aluminum posts (RAL 6005), all steel elements hot dip galvanized.

20-6 PESMENPOL EASY ARENA system, H=4 m

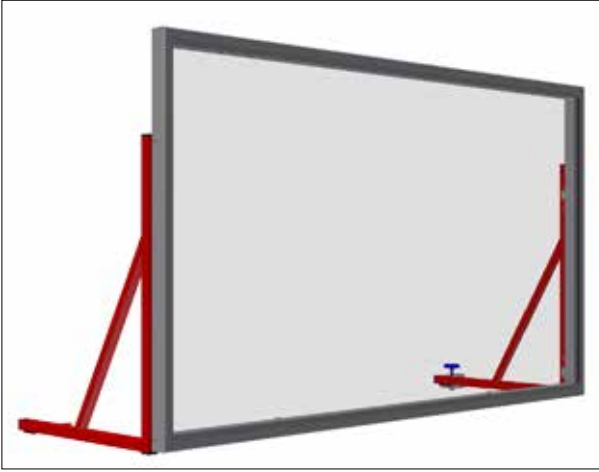
20-6-2 PESMENPOL EASY ARENA system, H=6 m



Transparent acrylic boundary boards

Made of impact resistant acrylic glass on the steel structure, fixed to the ground using installation plates or in the sleeves. Demountable, easy to transport and store. Designed for sports halls. Dimensions of single element: height $H = 1,05$ m, length $L = 1,8$ m.

20-2



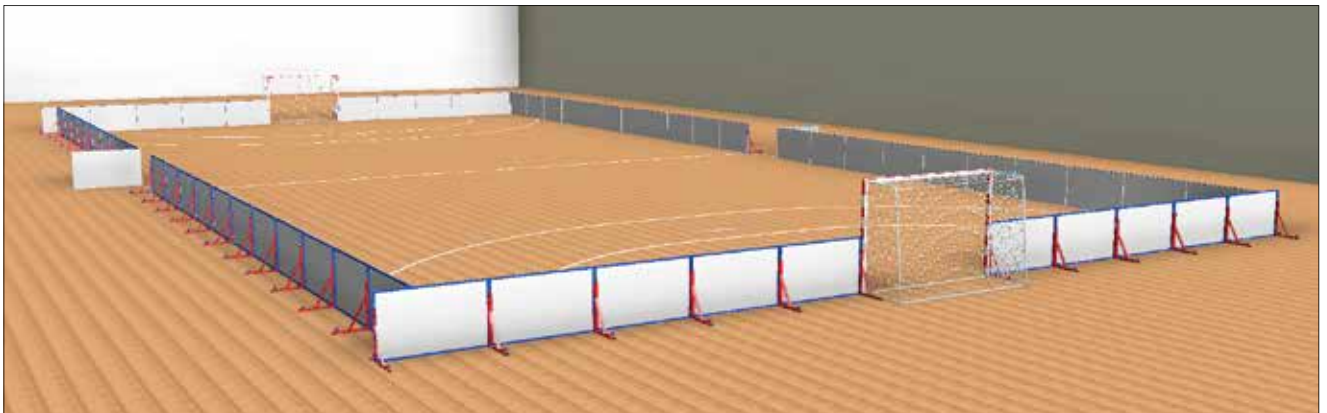
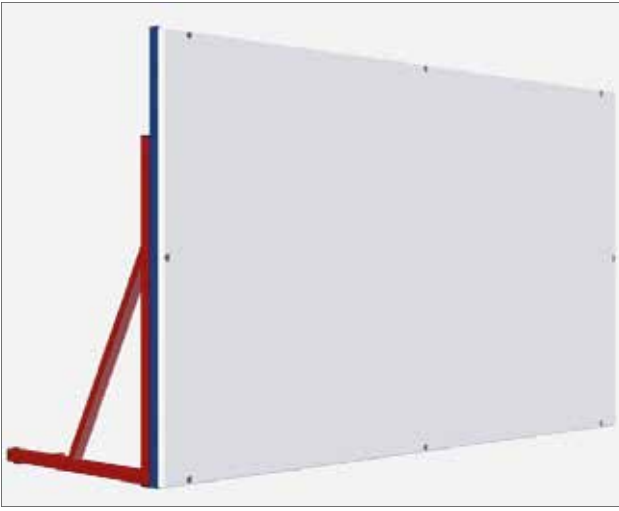
Boundary boards mounted in the sleeves



White epoxy boundary boards

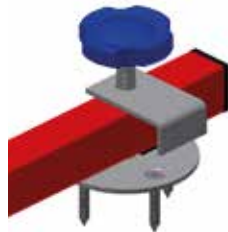
Made of impact resistant epoxy board on the steel structure, fixed to the ground using installation plates or in the sleeves. Demountable, easy to transport and store. Designed for sports halls. Dimensions of single element: height H = 1,05 m, length L = 1,8 m.

20-1



Installation plate

Installation plate for fixing demountable boundary board to the floor.



20-4

Assembly sleeve for boundary board

Intended for mounting the post of boundary board. Hot dip galvanized.



20-3

Floor plate with the masking lid

Designed for installation in the floor of the sports halls. Secures the sleeves after removing the posts. The lid, made of plywood, mounted on a hot-dip galvanized steel frame, screwed to the floor. The magnetic system of stabilizing the lid, preventing from falling by 6 pieces of magnets.



7-13



Protective mattress for the walls and columns

7-30

Thickness: 5 cm. Cover material: artificial leather. Filling: polyurethane foam T25. Structure: multilayered plywood 5 mm thick.

Protective mattresses for the walls, on the reinforcing frame structure

7-29-1

Intended for flat elements without bends. Thickness: 5 cm. Cover material: artificial leather. Filling: polyurethane foam T25. The reinforcing frame structure.

Protective mattresses for the walls and columns without reinforcing structure

7-29-2

Intended for flat elements without bends and round poles. Thickness: 5 cm. Cover material: artificial leather. Filling: polyurethane foam T25.

