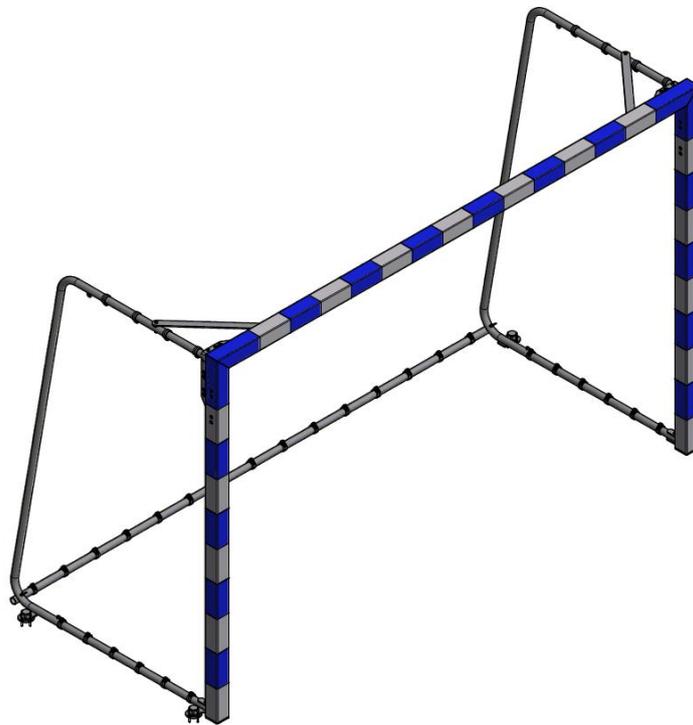


## **PRODUCT CARD**

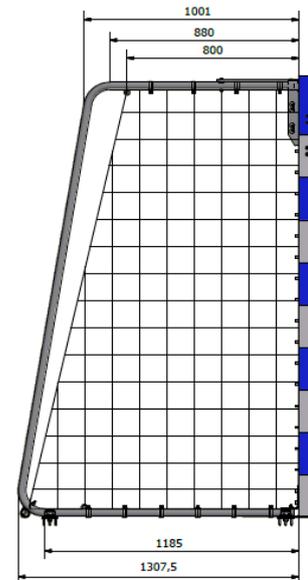
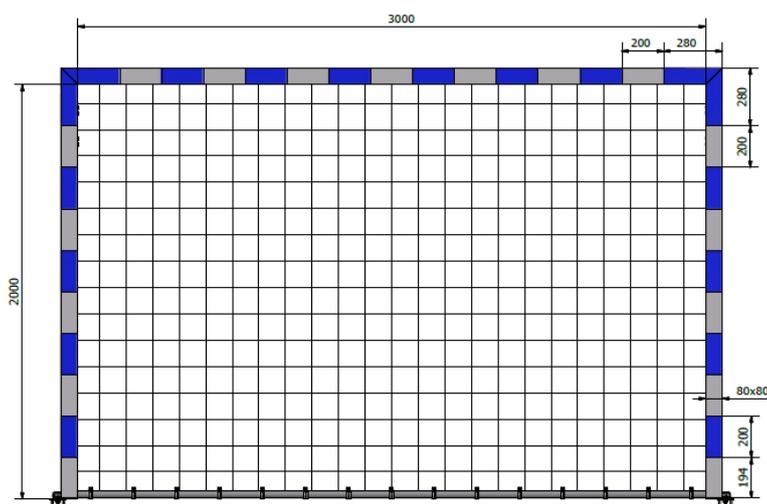
**INCLUDING ASSEMBLY AND USER MANUAL**

**HANDBALL GOAL 3x2 m STD**  
**IHF APPROVED**  
**TYPE 2 (according to EN 749)**

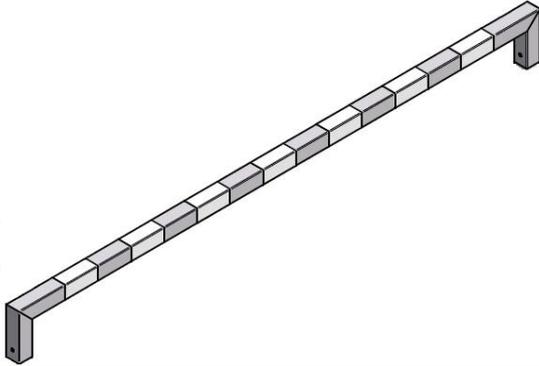
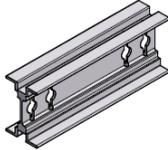
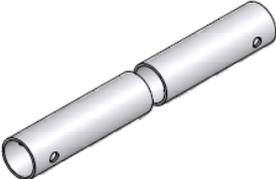


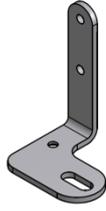
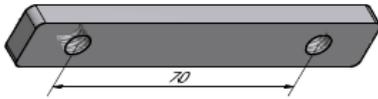
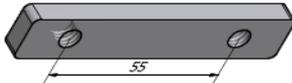
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## I. Component list:

No	Name	Picture	Q for 1 goal
1.	Powder coated crossbar with stripes		1 pcs
2.	Powder coated goal post with stripes		2 pcs
3.	Crossbar and post connector		2 pcs
4.	Goal frame – C-shaped steel tube, powder coated (left)		1 pcs
5.	Goal frame – C-shaped steel tube, powder coated (right)		1 pcs
6.	Horizontal pipe, powder coated, length 3 m		1 pcs
7.	Top strut L=540 mm left		1 pcs
8.	Top strut L=540 mm right		1 pcs

9.	Top hinge left		1 pcs
10.	Top hinge right		1 pcs
11.	Bottom hinge left		1 pcs
12.	Bottom hinge right		1 pcs
13.	Bottom hinge		2 pcs
14.	Clamp for top hinge 100 mm		2 pcs
15.	Clamp for bottom hinge 85 mm		2 pcs
16.	Floor plate 76 mm, 4 mm thick		4 pcs
17.	Rubber screw M12 L=30 mm		4 pcs
18.	Inner knob M8		2 pcs
19.	Net hasp („Omega“)		35 pcs
20.	Net round hook 35 mm		35 pcs
21.	Rubber distance pad		2 pcs

22.	Post cap (knob)		2 pcs
23.	Square head screw M8x20 (PN 88/M-82121)		2 pcs
24.	M8 square nut (DIN 557)		6 pcs
25.	M8 nut (DIN 985)		6 pcs
26.	Wing nut M8 (DIN 315)		2 pcs
27.	M8x80 screw DIN 603		2 pcs
28.	Allen screw M8x16 (DIN 912)		10 pcs
29.	Allen screw M8x20 (DIN 912)		4 pcs
30.	Allen screw M8x55 (DIN 912)		4 pcs
31.	M8x30 self-locking screw with hexagonal head screws (DIN 7991)		16 pcs
32.	M8x60 screw with hexagonal head screws (DIN 7991)		2 pcs
33.	Spax screw 6x40		16 pcs
34.	Flat spanner 13		1 pcs
35.	Allen key #5		1 pcs
36.	Allen key #6		1 pcs
37.	Rubber rope for tensioning the net, with hooks on both ends		1 pcs
38.	Rubber rope for installing the net to the rear frame of the goal, length 4,2 m		1 pcs
39.	Rubber rope for installing the net to the main frame of the goal, length 5,8 m		1 pcs

## II. Product description

<b>Index</b>	HB301.01
<b>Dimensions</b>	Goal frame: 3x2 m (internal dimension). Total depth of the goal 100/130 cm
<b>HS code</b>	95069990
<b>Weight</b>	45 kg
<b>Colour</b>	Main frame (goalposts): White-blue (RAL 9003-5010); white-black (RAL 9003-9005; white-red (RAL 9003-3020); white-green (RAL 9003-6026) Net support: White RAL 9003

<b>Description</b>	<p>Handball goalpost 3,00x2,00 m, with certificate of approval issued by the International Handball Federation. Complies with EN 749. Type 2 (anchored to pre-installed ground plates with use of rubber screws). Internally reinforced aluminum frame (80x80 mm), powder coated in white (RAL 9003) and black/blue/red stripes (RAL 9005/5010/3020). Frame consist two uprights, a crossbar with welded corners and two special designed aluminum connectors. The net support is made of steel tubes (ø35x2 mm) powder coated in white (RAL 9003). Total depth of the goalpost: 100/130 cm (top/bottom). The construction of the net support allows to fold it without using any hand tools. Steel winches, struts and screws are protected against corrosion by zinc galvanization.</p> <p>Assembly tools, ground plates, rubber screws, net hasps and hitches included in set.</p> <p>Designed for highest level competitions, including such events like Olympic Games or World Championships.</p>
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Complementary products:

Name	Description
Net for goal PP – recommended for indoor	Knotless polypropylene net, 3-5 mm thickness. Dimensions: width 3 m, height 2 m, top depth 0.8 m, bottom depth 1 m. Mesh size 10x10 cm cm. Colour: white/green/black/blue.

### III. Product purpose

Goal is designed solely for handball on indoor sport facilities.

### IV. Installation manual

#### TOOLS AND EQUIPMENT REQUIRED

Measuring tape  
Router  
Hand tools (at least a screwdriver)

#### TOOLS AND EQUIPMENT RECCOMENDED (OPTIONAL)

Cordless screwdriver  
Drop cord

#### RECCOMENDED SAFETY CLOTHING (to be worn during the installation and maintenance)

Leather gloves  
Safety glasses  
Steel toe work boots

## 1. Installation of the front frame

Put square nuts (24) and top clamp into the groove in the crossbar:



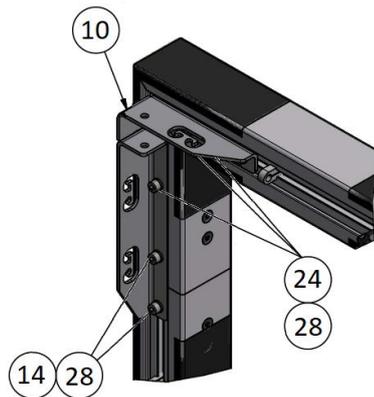
Connect the crossbar with uprights in accordance with following diagram:



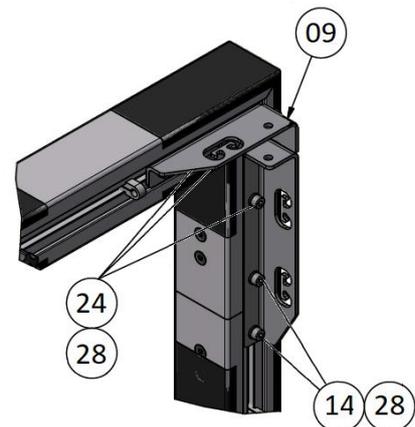
## 2. Installation of the net support

Attach the top hinges to the aluminium frame:

Right side

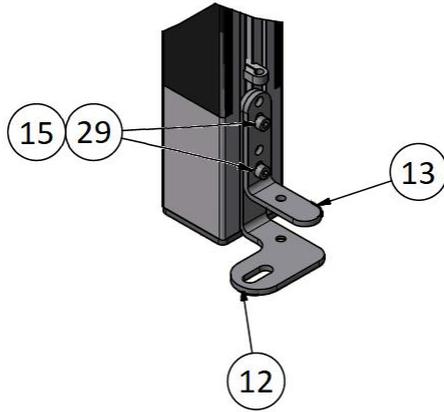


Left side

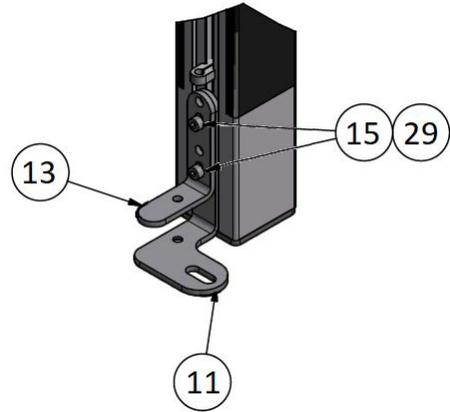


Attach the bottom hinges to the aluminium frame:

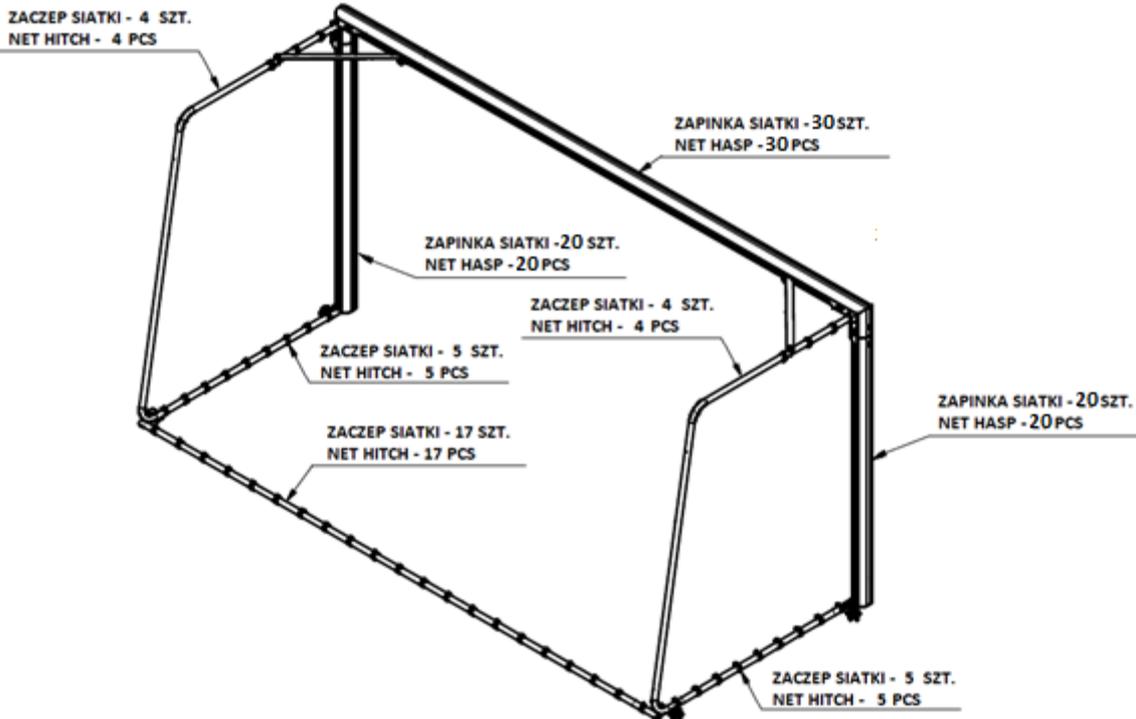
Right side



Left side



Warning: Before further assembly, please put net hooks (20) on the net support in accordance with following diagram:

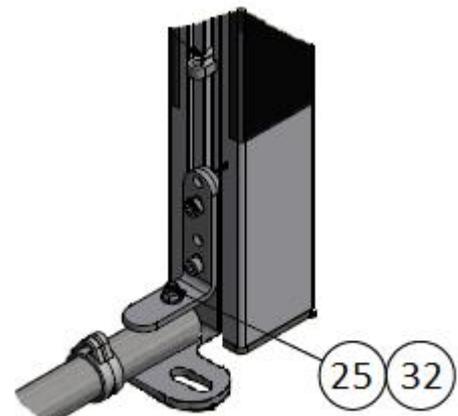


Connect the frame with both "C" shaped net support parts (04 and 05)

Top

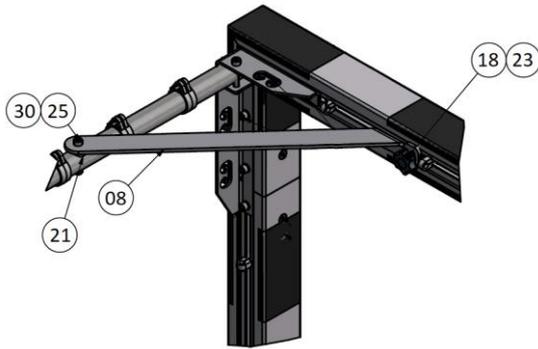


Bottom

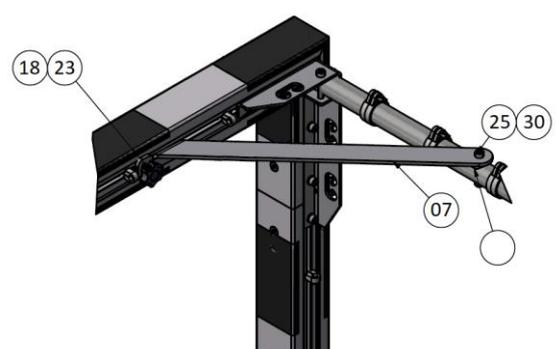


Install both reinforcing struts (07 and 08)

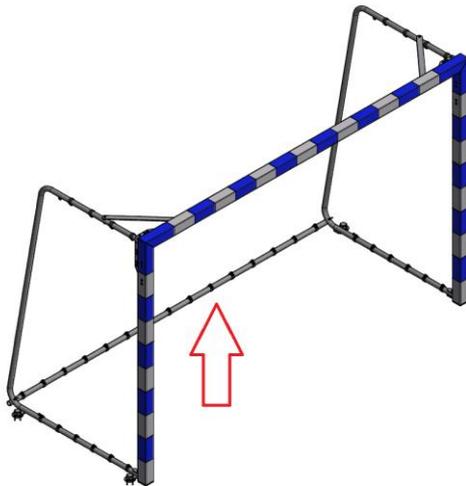
Right



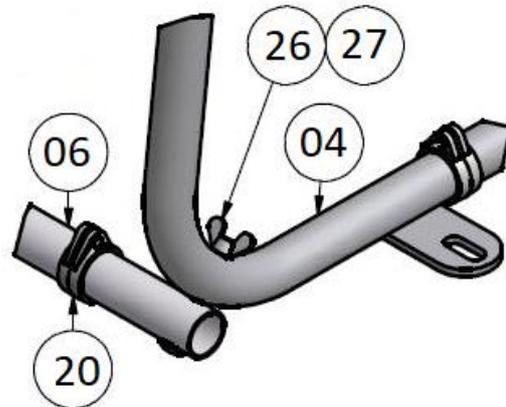
Left



Install the rear connecting pipe (06):



**Remember to put net hooks (20) before screwing the net support.**



## 3. Installation to the sports floor

Prepare all tools:

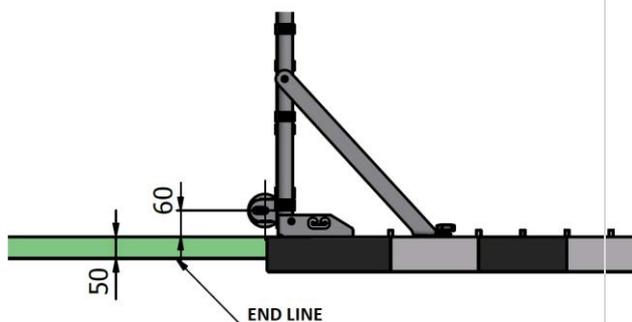
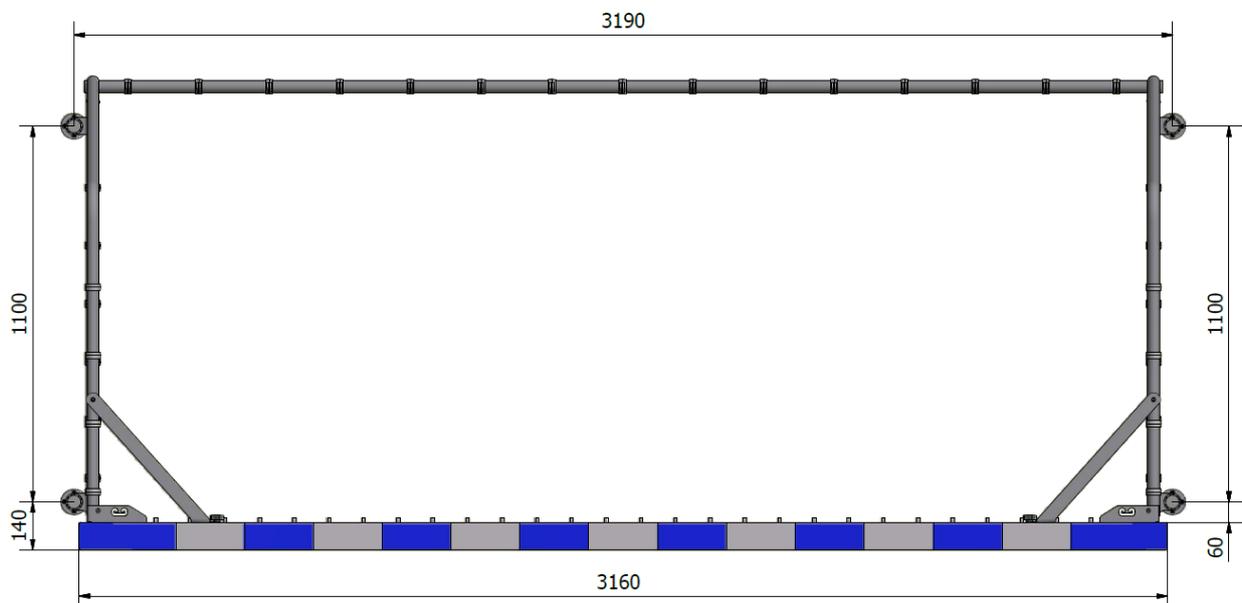
- Milling machine (router)
- Measuring tape
- Pencil
- Cordless screwdriver
- Drills
- Screws (33)
- Ground plates (16)



You should wear safety glasses and hand gloves while operating the tools!

Follow the instructions:

- A) Determine and mark the location of the ground anchors in accordance to following diagram:



- B) Prepare the router. It must be set up to mill 4 mm deep and 76 mm diameter circle.  
To have a fixed setup it is recommended to  
Before milling in the sports floor it is highly recommended to perform some tests on any available MDF, plywood or wooden sheet.



- C) Drill a hole in the middle point, where the anchor will be placed and mill a circle.  
See movie in order to see how it can be done: <https://youtu.be/UhbqzlzlulQ>
- D) Drill a bigger hole by using below shown drill:



Clear the surface.

Put the anchor in (16)

See movie for further info:  
<https://youtu.be/IPZ7ve3FOJO>

Screw the anchor to the surface using SPAX screws (33)

## 4. Installation of the goalpost and net

Set the goal in proper position and **secure it from tilting** by screwing it into pre-installed ground plates – use four M12 rubber screws (17)

Place the net inside the goalpost and attach it to previously installed round hooks (20) and “Omega” hooks (19). Put one net hook every 20 cm. In order to extend the lifecycle of the net, we strongly recommend to attach the net by using provided rubber ropes. See pictures below in order to see how it can be done:



## V. Care and maintenance

1. Net should overhang slightly to amortize ball's impact.  
Net should not be installed on the vertical goal frame pipes but hang freely inside the goal.
2. Before each use check if all screws and knobs are tightened.
3. CAUTION: at all time the goal shall be secured against tilting.
4. Goal is suitable for indoor use. It is recommended to store the goalpost in a dry warehouse.
5. Goal is designed strictly for playing handball and cannot be used for other purposes.
6. It is forbidden to climb or to weight the goal construction or net in any way.
7. Only dedicated products are allowed for cleaning (ask your provider for recommended agents)
8. Construction of the goal enables the user to fold the net support without dismounting the net by unscrewing the horizontal pipe (06) and the struts (07, 08). This operation can be performed without any tools.

## VI. Packing

The front frame is paced together with all assembly elements in a carton. The net support is packed in foil.

## VII. Warranty

1. PRODUCT: Professional, IHF approved handball goal (the “Equipment”)
2. INTERPLASTIC Roger Żółtowski (the “Producer”) provides the limited warranty (the “Warranty”) to the purchaser of the Equipment and only as to the facility in which the Equipment was originally installed. The Warranty is valid from the time of the Equipment is installed and to the timeline listed below, under the terms and conditions stated below.
3. The producer warrants the Equipment against defects in material or factory workmanship which cause failure of the Equipment within the applicable Warranty period.
4. In case of a defect discovered within **12 months**, the purchaser is obtained to immediately (within 7 days) inform the producer about the problem.  
The information should be provided in written (via mail, e-mail or fax). If possible, photographic documentation shall be attached.
5. The producer will answer within 7 days and will propose a way to solve the problem and repair dates.
6. Confirmed defects or damages that occurred during proper use will be repaired or replaced by the Producer or by an authorized dealer.
7. Care and maintenance:  
To ensure long-lasting and safe use periodical inspections of equipment are required  
Each 3 months:

- Check whether all fastenings are fully tightened
- Check whether any element (i.e. net or net hasps/hitches) is damaged

Each 6 months:

- Visual checkup: whether there are any deformations, damages or worn out parts, that shall be replaced

8. Warranty does not cover:

- operations, which shall be provided by the user and on his cost, such a maintenance of cleanliness, periodical checkups (as in point 7)
- mechanical and chemical damages caused by improper use and maintenance (i.e. attempts of self-repair; lack of periodical inspections; usage of inadequate cleaning agents)
- mechanical damages caused by excessive exploitation
- mechanical damages caused by improper usage (for purposes other than handball)
- damages caused by the user or third party (including acts of vandalism)
- consumable parts (like nets, hasps, hitches etc.)

## VIII. Service

For any queries regarding product, spare parts or problems please contact: [help@interplastic.pl](mailto:help@interplastic.pl)