

VEPE-ICEPRO LTD

TECHNICAL DOCUMENTATION

ICE HOCKEY DASHER BOARDS

+SERIES MONILINE

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1 GENERAL

Vepe-Icepro Moniline is a multipurpose dasher board system ideal for outdoor fields. Due to its structure the rink is suitable for year-round use as a place for local sports, a roller hockey rink, different size skating rinks, and even as a dasher board system in schoolyards.

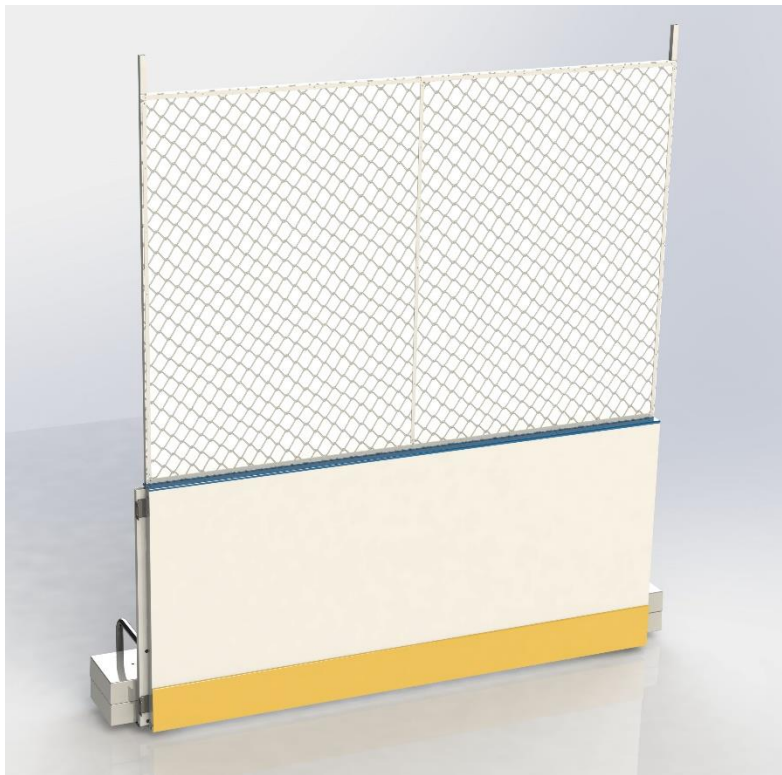
Frame structure consists a strong tubular frame system. The rink has support legs with which the rink is anchored to the ground. Steel nets are used in short ends and curves. They are installed on the support legs.

The Moniline rink can be equipped with service and player gates, various multipurpose goals, and it is possible to use a playing floor or artificial turf as its base.

Moniline dasher boards are part of the Vepe-Icepro +Series product family. They all are designed, manufactured, and sold by Vepe-Icepro. All production is made according to EN 1090-1:2009+A1:2011. Dasher board models are developed and optimized using FEM analysis, and the performance has been verified through tests in laboratory conditions as well as in real conditions.

Vepe-Icepro Moniline standard measurements:

- Standard rink sizes: 30m x 60m R8,5m OR 21,3m x 40m R7,65m
- Curve radius (standard) R8,5 and R7,65m
- Curve Radius (optional extra); R4,6m, R3m
- Other rink sizes available (optional extra design)
- Height from concrete slab: 1.1m



2 ANCHORING

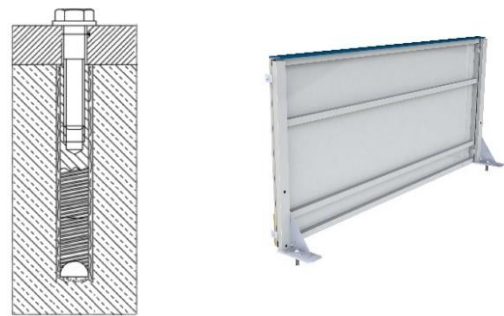
Concrete weights

Elements are secured with each other with support legs with concrete weights.



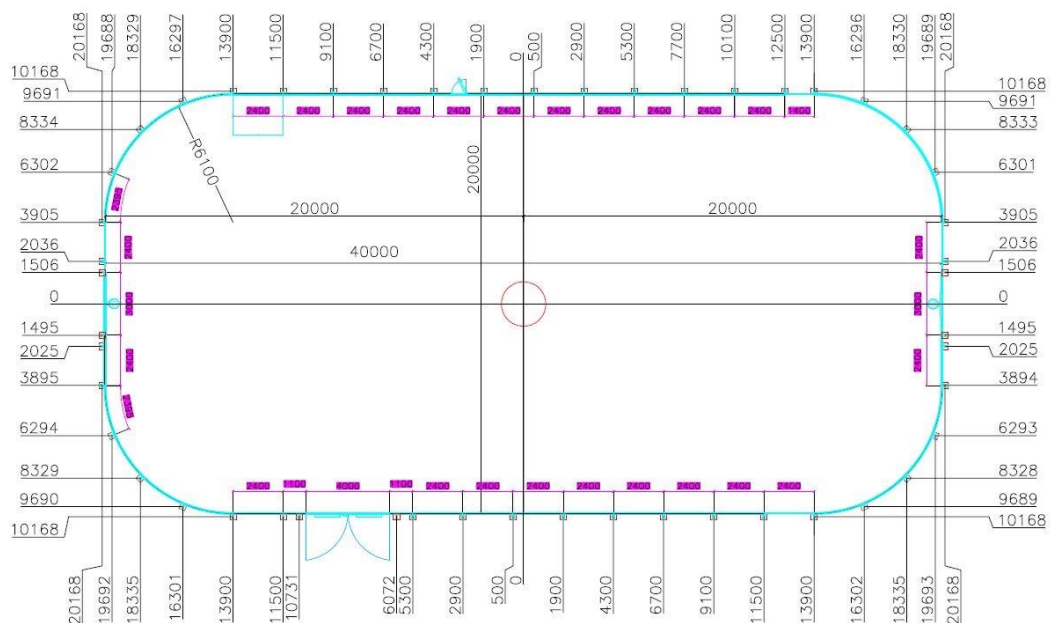
Anchored leg

Elements are secured with each other with anchored support legs.

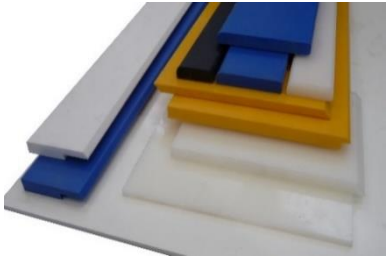


Technical drawings

Project-specific layout and measures for dasher board and installing includes. Project-specific anchor layout is optional extra. Drawings are available in PDF and DWG formats.



3 ELEMENTS

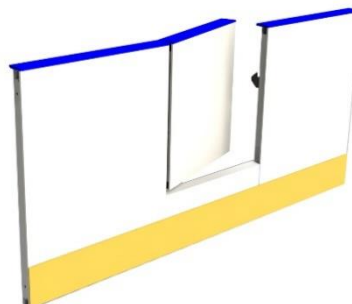
Dimensions of the board element	Height 1,1m from concrete slab, ca. 1,07 m from ice level. Standard element length 3m	
Frame, material and finish	Tubular-frame structure. Steel EN 10149-2, hot dip galvanization EN ISO 1461	
Materials	Kick lists and board lists are made of the same material as the boards ensuring consistent extension/shrinking and impact resistance.	
Puck board	10mm UV protected white HD polyethylene (HDPE)	
Kick plate	8mm UV protected yellow or white HD polyethylene (HDPE)	
Top sill	UV protected blue HD polyethylene (HDPE)	
Line markings	Lines are integrated in the kick list. HDPE blue/red. (Optional extras)	

4 GATES

Player gates

Player gate element with door width 80cm (standard), 4 pcs per dasher board. Strengthened frame structure with adjustable hinges and robust self locking gate latch.

Standard threshold height 210mm. Wider doors and different heights of threshold available in special cases.



Penalty gates

Penalty gate element with door width 80cm (standard), 2pcs per dasher board. Strengthened frame structure with adjustable hinges and robust self locking gate latch.

Standard threshold height 210mm. Wider doors and different heights of threshold available in special cases.



Extra gates

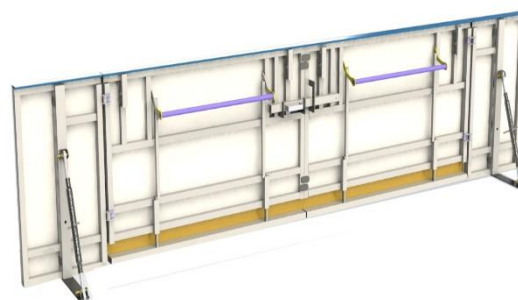
Width 80 / 100 / 120cm
Threshold 50 / 310mm
Strengthened frame structure
Adjustable hinges and robust latches.

Locking: player and penalty gates

Reliable self locking latches. Gates with steel nets have a system with which the gate can be opened from the ice side.

Service gates

Width 4m (standard), 1 pc.
Strengthened frame structure
Adjustable hinges.
Adjustable kick list (hem) at the lower end.
Adjustable diagonal supports on both sides to guarantee the best stability



Additional information

Number of gates can be increased as needed. Location of these extra gates (player/public entrance and service gate) can be determined based on needs of end customer.

5 PROTECTIVE SHIELDING

Steel net	Steel nets, H=1,6m (standard) Steel nets are fastened to the support legs. Steel nets are secured to each other with U-brackets
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Shielding (optional extra)	Polycarbonate (PC) 8mm
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6 POSTS

Aluminum post (optional extra with shielding)	The most rigid choice especially for training purposes. Long lasting and robust.
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Height	Post height always according to protective shielding height
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7 BOXES

Outdoor

Quality modular boxes for players and the team officials. The durable outdoor boxes provide protection from wind and rain. The box modules can be built into different entireties depending on the intended use. Sizes: 3m, 6m, 9m, 12m



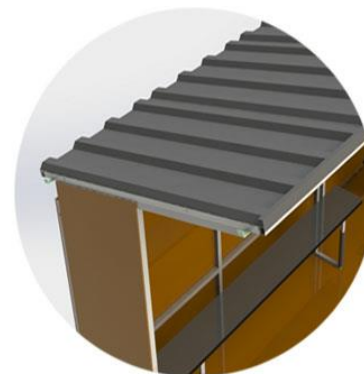
Box floor

Made from steel frame and covered with plywood. Different mats available.



Walls + Roof

The box walls and the box floors are made of steel frames that are upholstered with plywood. The roof is made out of pural-coated sheet metal.



Furniture

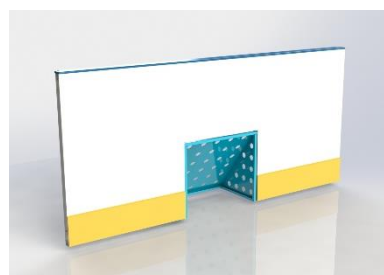
Benches for outdoor use

8 OPTIONAL EQUIPMENT

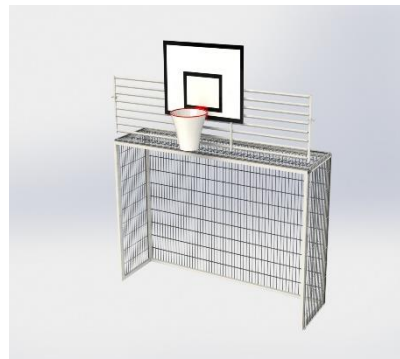
Training goals Training goals with all necessary parts and accessories.



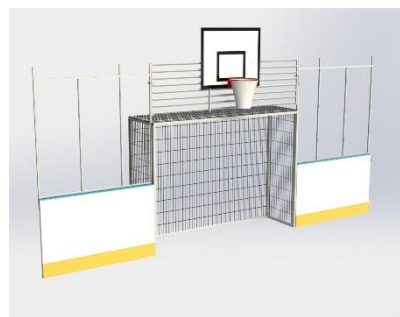
Mini goals Dasher board integrated mini goals. Installed on the long side of the dasher board, 4 per rink.



Multipurpose goals Large multipurpose goals integrated for short ends of the dasher board. Goal is 3m wide.



Basketball goals Basketball goals for short ends



9 STANDARDS AND CERTIFICATES

- Internal quality auditing certificate 0416-CPR-8823-02 Certificate for steel production EXC1 and EXC2/ EN 1090-1:2009+A1:2011
- Material acquired by company with ISO 9001 certificate
- Surface treatment by company with ISO 9001 and ISO 14001 certificates
- Hot-dip galvanizing according to SFS-EN ISO 1461

