

INSTRUCTION MANUAL

Competition steeplechase barrier for water jump

PP14-366



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PRODUCT SUPPORT
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I. General description and use

PP14-366 is a high quality competition barrier, which is designed for water jump in steeplechase race. It is fastened to the edge of the water jump. The barrier requires concrete foundations. The telescopes, which are protected with special rubber aprons, guarantee a long product life and an easy operation.

II. Technical specification

Product code	PP14-366
Barrier type	competition, for water jump, fastened to the edge
(A) Top beam	multilayer wooden beam, painted
(B) Telescopes	steel powder painted, spring-loaded knob system of height adjustment, equipped with special rubber aprons against moisture
(C) Fastening to the track	by means of metal expansion anchors to concrete foundations
Length [mm]	3660
Heights [mm]	762
	914
Weight [kg]	83



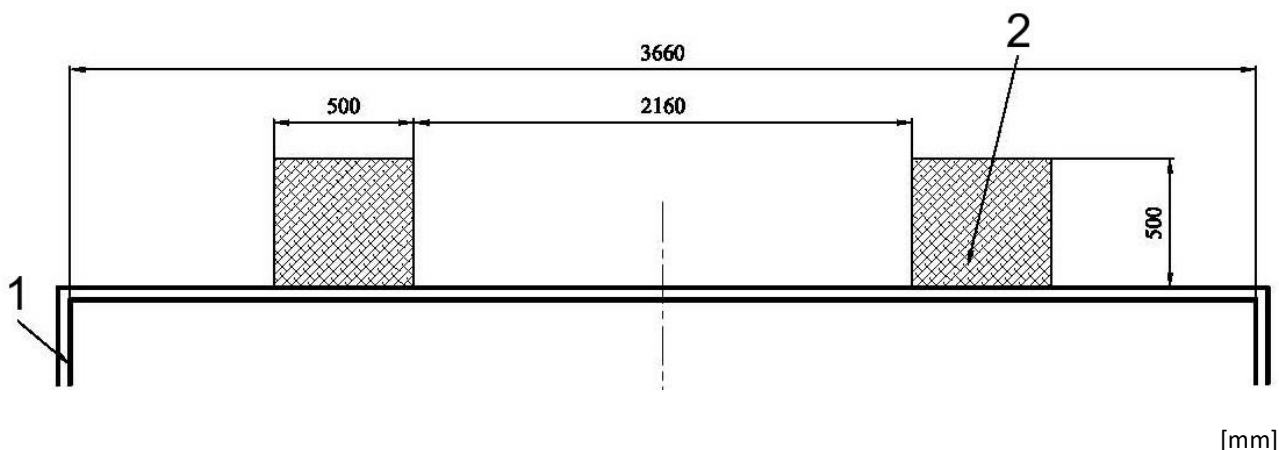
C



III. Assembly

The barrier is designed to be mounted on the synthetic surface of the water jump pit edge, provided that under the synthetic surface there is a concrete base layer made of concrete class C20/25 or higher and min. 130 - 150 mm thick.

If the base layer does not comply with the mentioned requirements, two foundation blocks are to be made according to the below diagram.



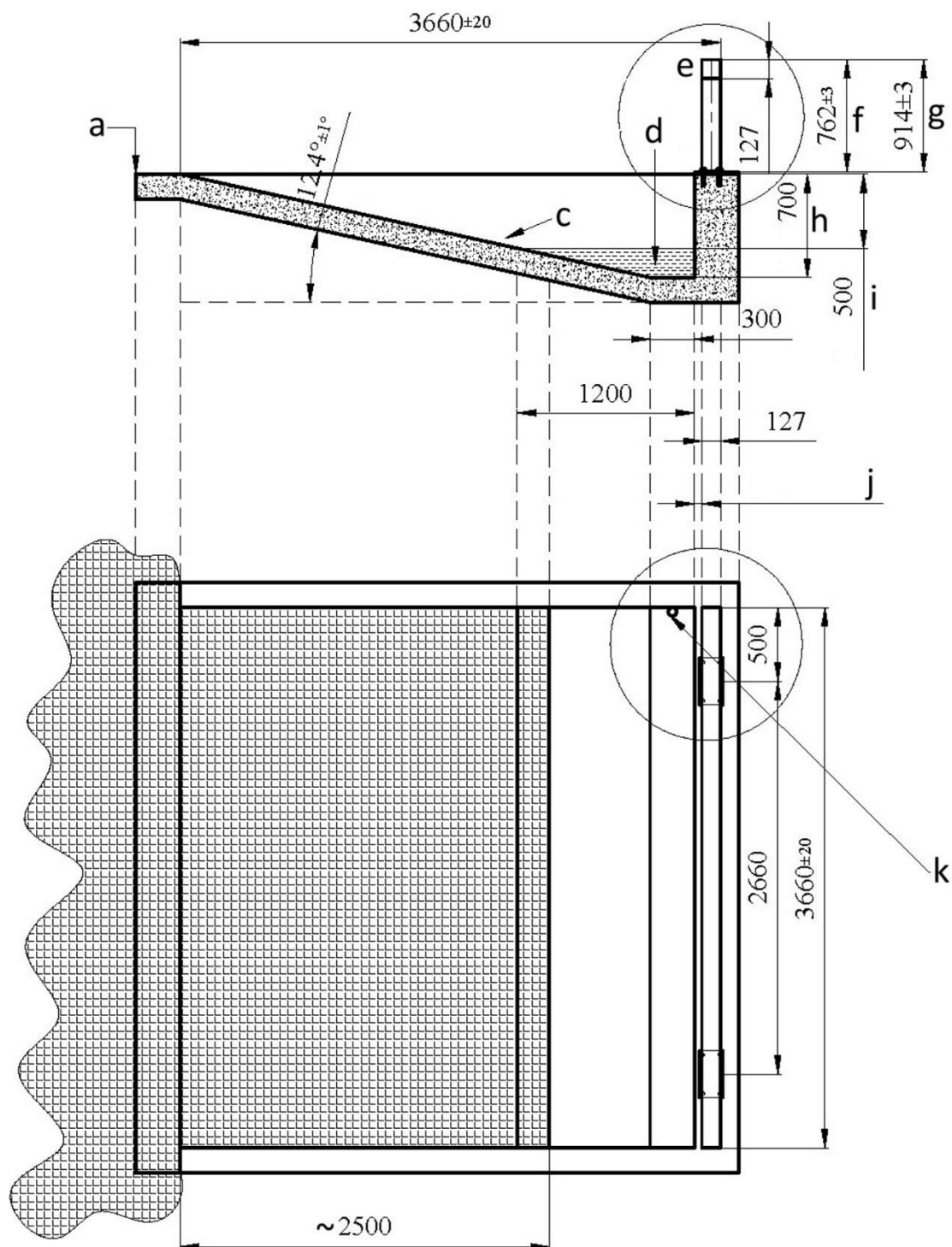
1. the edge of the water jump pit
2. foundation block, minimal dimensions: 500 x 500 x 500 [mm] made of min. C20/25 concrete

To install the barrier to the edge of the water jump pit use the included steel expansion anchors HLC 16x140/90 according to their producer's instructions (see www.hilti.com). The installation is done in the following way:

- 1) screw the barrier legs to the top beam with the included screws,



- 2) position the barrier on the edge of the water jump pit according to the drawing no. 1 and no. 2 (pages 4 and 5), mark the points where to drill the wholes,
- 3) use the drill bit dia. 16 mm to drill wholes min. 130-150 mm deep,
- 4) clean the wholes (e. g. with vacuum cleaner)
- 5) position the barrier on the edge of the water pit,
- 6) put the anchors into the wholes,
- 7) screw down the nuts with approximate force 50 Nm.

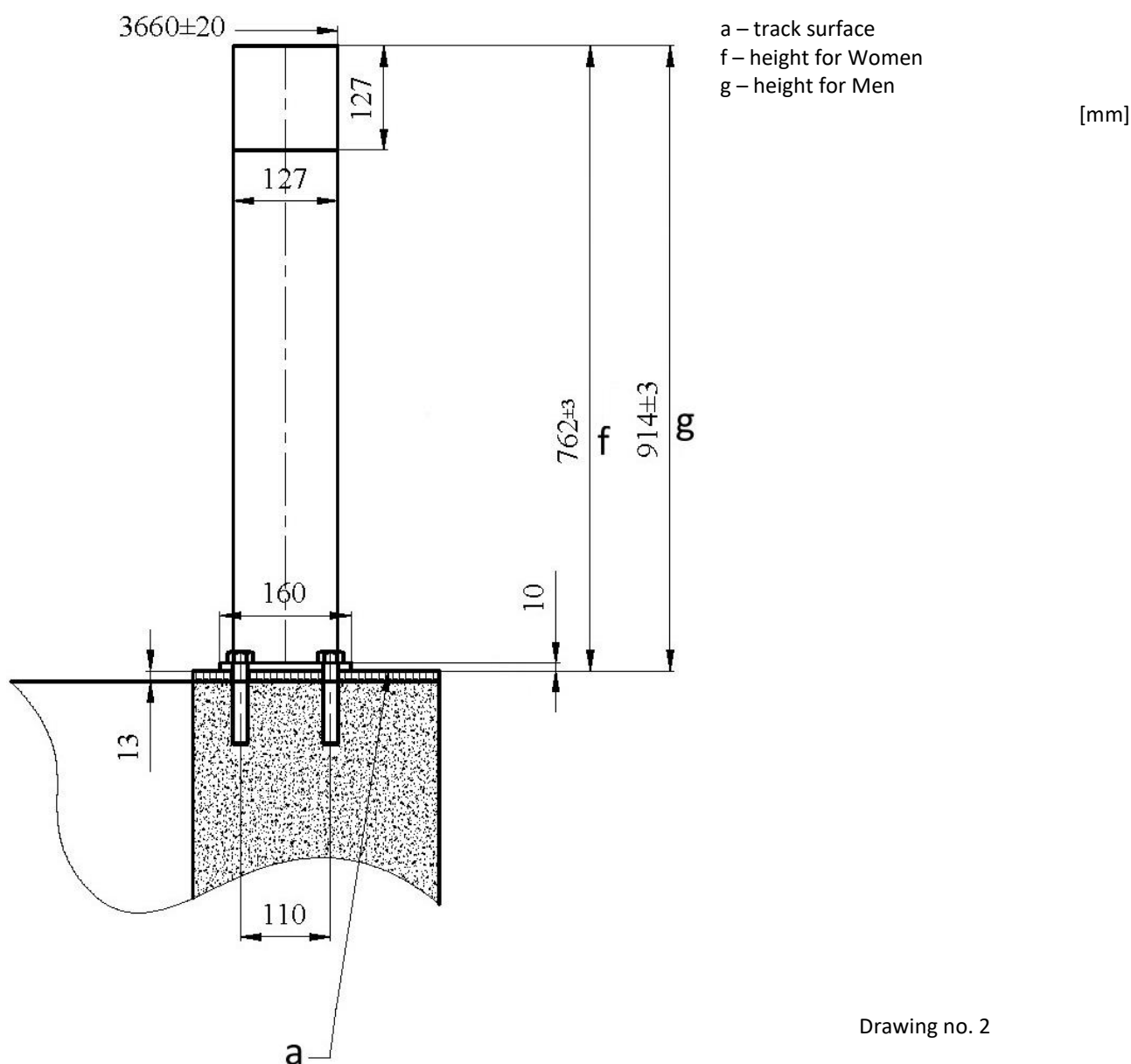


- a – track surface
- b – water level
- c – track surface continued under water
- d – optional concrete infill for existing water jumps
- e – fixed hurdle
- f – height for Women
- g – height for Men
- h – max depth

- i – min. depth
- j – minimum for adequate strength and protection of steel from moisture
- k – drain

[mm]

Drawing no. 1

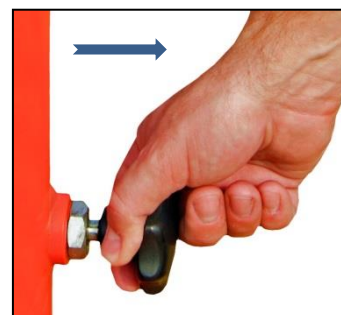


IV. Operation and maintenance

To change the height please pull the knob and lift (or lower) both sides of the top beam simultaneously till the height catch blocks.

Attention! The rubber aprons of the telescopes are coated with a long lasting protection film against UV radiation during the production process, in order to maintain a proper condition of apron rubber UV protection agents should be regularly applied on them.

During idle periods the barrier must be stored in a roofed dry place. After every athletics season the barrier must be cleaned from sand (mud, dust and etc).



V. Packing and transport

The product is packed in cardboard and foil. The product needs to be assembled.

Package's dimensions [cm]	contents	1 barrier
	length	410
	width	17
	height	30
Volume [m ³]		0,21
Gross weight [kg]		86



VI. Product images



PP14-366 © 2018 Polanik

The producer reserves the right to introduce without warning changes in product constructions and colours.

VII. IAAF Certificate

International Association of Athletics Federations



Product Certificate

*The IAAF is pleased to certify hereby
that the following product:*

Product's Trade Name:
Steeplechase barrier, Water Jump

Description, Colour / Absolute Thickness:
Adjustable height, White/dark blue/red

Company Name, Country:
Polanik Sp. z o. o. - Sp. K., POL

Catalogue Number:
PP14-366

IAAF Certification Number:
E-14-0774

meets the dimensional requirements for use in all international athletics competitions.

It is for the purchaser to determine the item's fitness for the purpose based on his knowledge of the local conditions and use.

Valid from:
1 February 2018

Until the last day of:
February 2022

This certificate is issued in accordance with the terms and conditions of the IAAF Certification System of track and field facilities, implements and competition equipment.


SEBASTIAN COE
IAAF President


JORGE SALCEDO
IAAF Technical Committee Chairman

