kreon

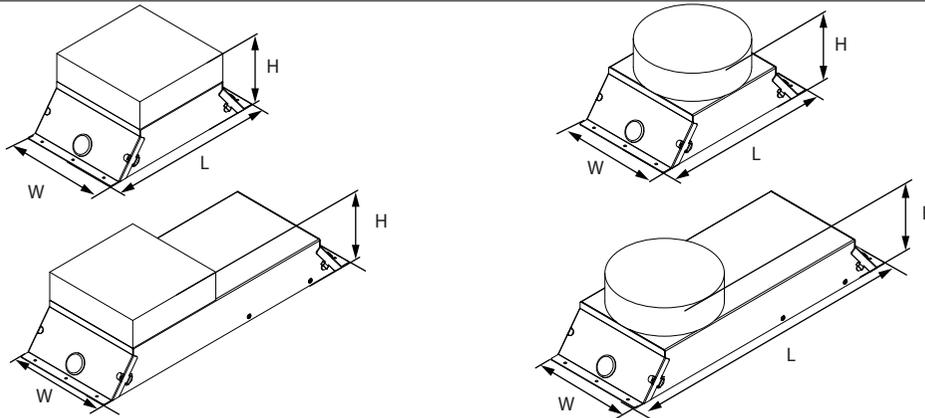|	technics	- the fixture is IP67 rated

technics
- the fixture is IP67 rated
- the fixture is water- and dust thight
- water should be able to flow of the product once installed
- when installed in solid ground (with or without matchbox) additional drainage must be provided (for example: a bed of gravel)
- make sure the coating of the fixture (of the housing or other parts) is not damaged during installation or maintenance work: the damage can result in corrosion
  after contact with water
- the fixture should not be placed in road lanes, it should not be exposed to strain due to braking, acceleration and change of direction
- in order for the product to take pressure load, a proper foundation for the fixture should be provided by the client
- it is recommended to use the fixture in ground with a pH value between 5 and 8

1 precaution
- client should under no circumstances open the fixture themselves, in case of a problem, the fixture needs to be send back to Kreon

2 dimensions

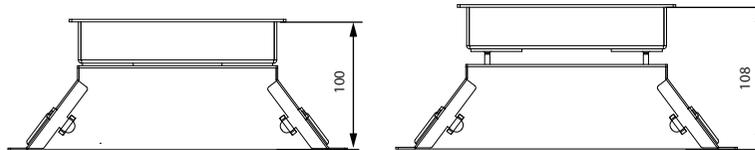| name	reference	WxLxH
matchbox square	KR782103	156x265x110
matchbox square for gear incl	KR782104	156x461x110
matchbox circular	KR782603	156x265x110
matchbox circular for gear incl	KR782604	156x461x110

Please make sure that
main voltage is disconnected
before proceeding!

DO NOT REMOVE THE POLYSTYRENE MOLD
BEFORE INSTALLATION IS FULLY COMPLETED !

IMPORTANT NOTE - HEIGHT OF MATCHBOX/POSITION OF THE PRODUCT

The complete height (and therefor the depth in the ground) of the product is determined by the matchbox + the frame (supplied with the fixture and placed onto the matchbox after the floor is poured).
The position of the frame is also adjustable in reference to the matchbox within a range 0 - 8mm.
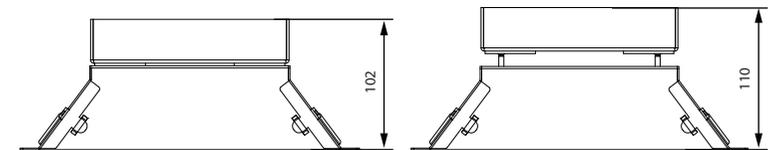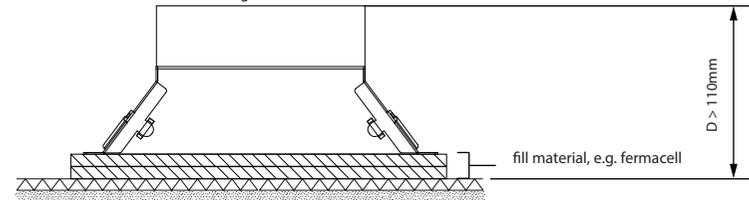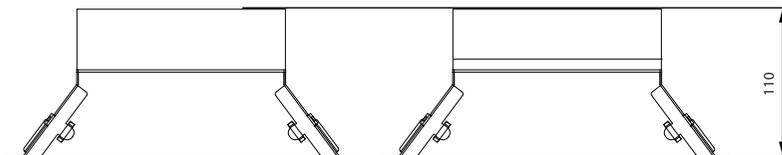
in case of up outdoor

minimum height of matchbox + frame
(0mm space between the matchbox and frame)

maximum height of matchbox + frame
(8mm space between the matchbox and frame)

in case of up in line outdoor

minimum height of matchbox + frame
(0mm space between the matchbox and frame)

maximum height of matchbox + frame
(8mm space between the matchbox and frame)

remark

Mind the height of the matchbox including the polystyrene mold is 110mm. So the top of that mold cannot
always be used as a reference for the depth of the floor (since this can vary from 100mm to 108mm
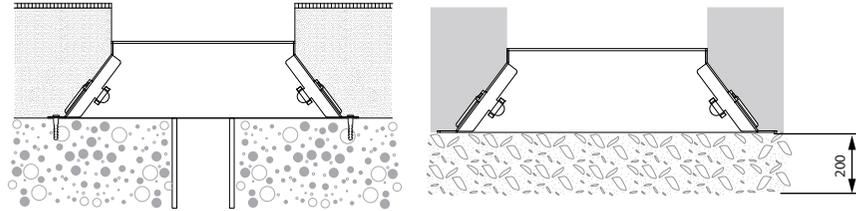/102mm to 110mm

Also take into account that if the floor thickness exceeds the max of 108mm/110mm, it will be necessary to fill out
the matchbox untill the exact height is reached.

fill material, e.g. fermacell

kreon

IMPORTANT NOTE - DRAINAGE FOR OUTDOOR USE

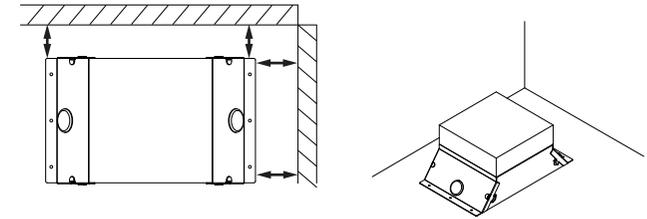Proper drainage must be provided in the foundation so that water can drain of

in case of concrete foundation
provide a tube which can drain the water of

in case of soil
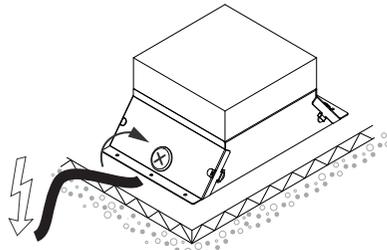provide a 200mm layer of gravel underneath the matchbox
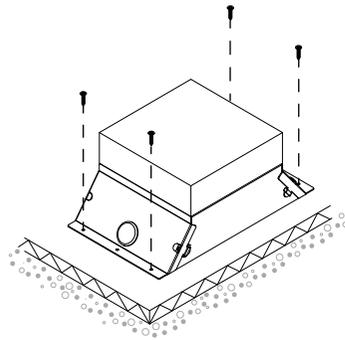to drain the water of

IMPORTANT NOTE - ALIGNMENT WITH WALL

In case a wallwasher fixture (KR98218x-KR98268x-KR98238x-KR98288x) is going to be used
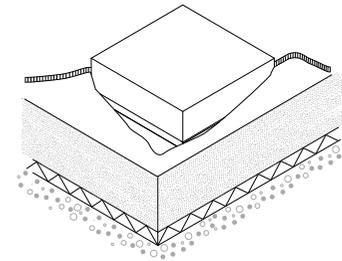in combination with the matchbox, the alignment of the matchbox with the wall is important.

make sure one of the sides is of the matchbox is aligned parallel with the wall that needs
to be highlighted

3	installation

fix the matchbox through the holes (µ3,5mm) on the
floor fill up if necessary (see previous page)

make a hole in one of the supplied grommets and pull
the feed cable through (hole must be smaller than
thickness of the cable, in order to avoid concrete entering
through the grommet). The connection cable should
protude at least 0,5m (0,75m in case of matchbox including
gear tunnel) inside the matchbox (when supplying the
electrical connection take the national regulations for
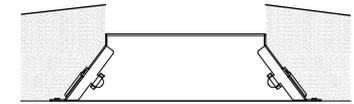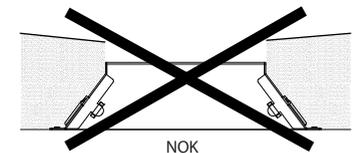underground cabling into account)

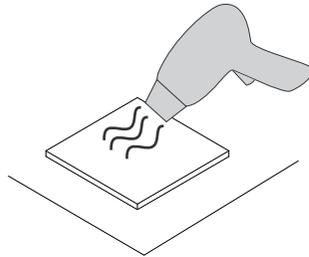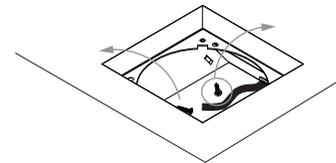pour the floor and finish the top

NOTE

OK

OK

NOK

installation

remove the polystyrene mold by melting it
(use for instance a blow torch)

take out the screws that came out after removing
the polystyrene mold and clean the surfaces if
necessary