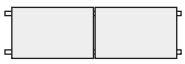
Sistem PB-062

INSTALLATION MANUAL

Flat roof (a≤5°),
ballast system,
landscape modules layout
for 8 modules



Tools needed for installation

size 6	screwdriver bits
screwdriver	

Elements

A — x5

XPF_PB062.3
Lower rail
aluminum

B — x10

XPF_PB062.1
Lower fastening
aluminum

C — x5

Y_PB062.02
Upper fastening
aluminum

D — x5

XPF_PB062.4
Ballast platform
aluminum

E — x12

Mid clamp
aluminum

F — x8

End clamp
aluminum

H — x40

M694
KLIK nut for rail
aluminum

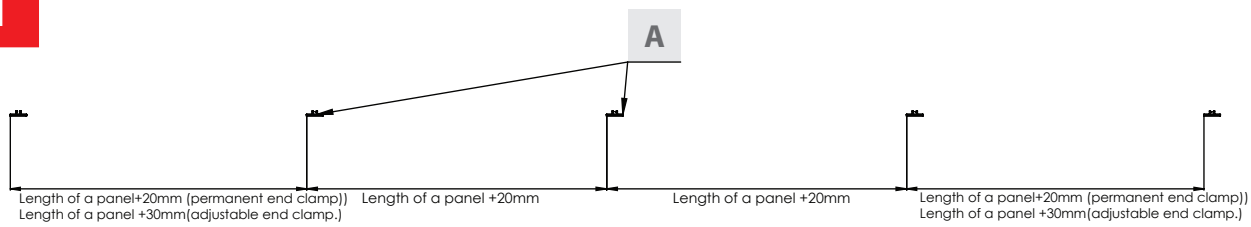
I — 17 Nm

M681 x22
M8x50 DIN 912 A2

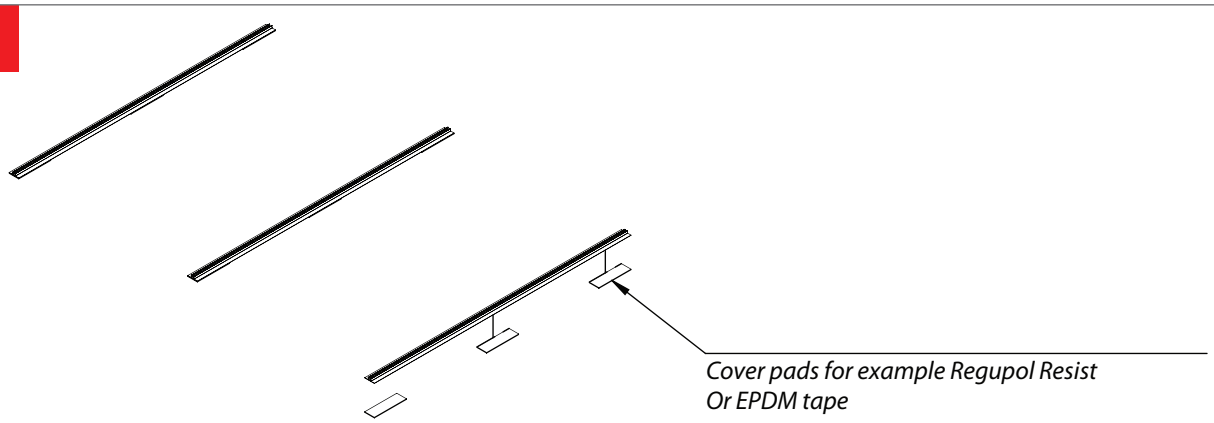
J — 17 Nm

M485 x18
M8x20 DIN 912 A2

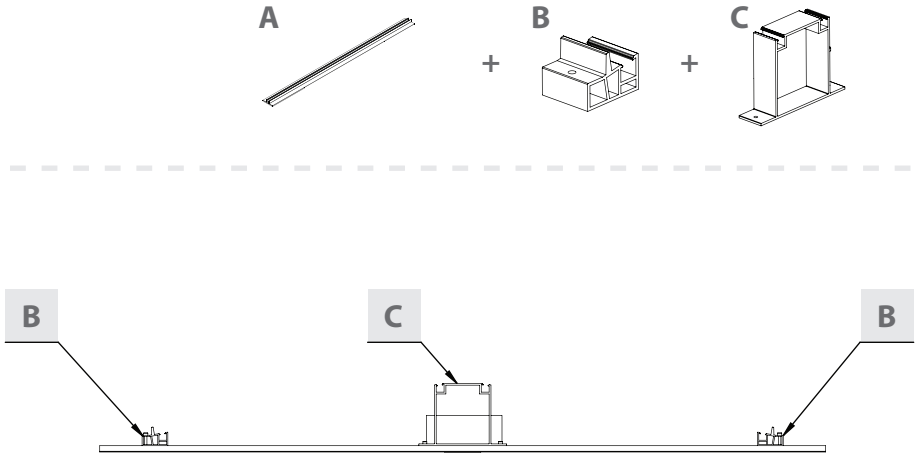
1


A
Length of a panel+20mm (permanent end clamp))
Length of a panel +30mm(adjustable end clamp.)
Length of a panel +20mm
Length of a panel +20mm
Length of a panel+20mm (permanent end clamp))
Length of a panel +30mm(adjustable end clamp.)

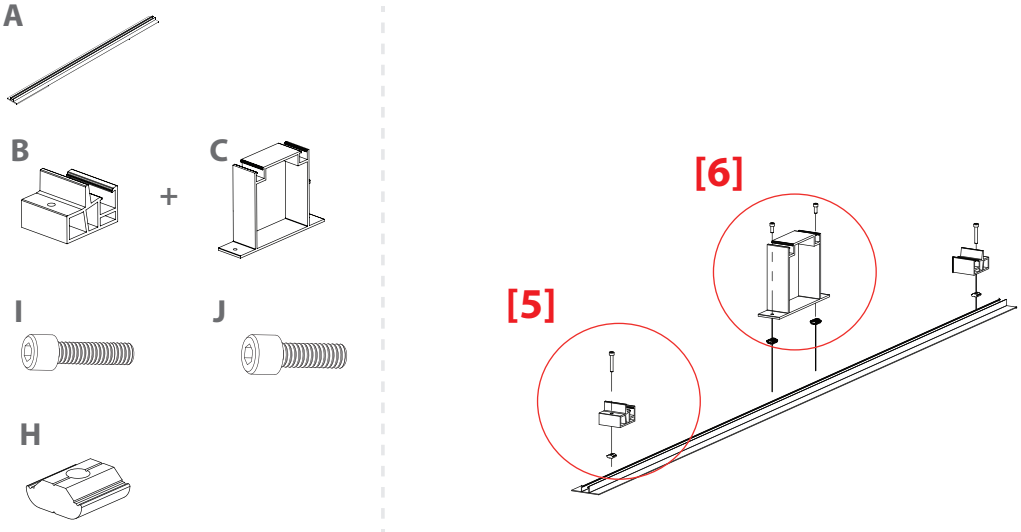
2


Cover pads for example Regupol Resist
Or EPDM tape

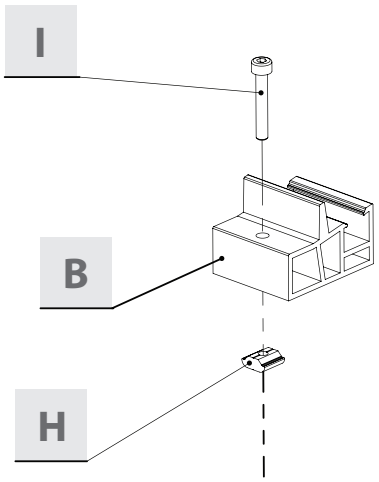
3


A
B
C
+
+
B
C
B

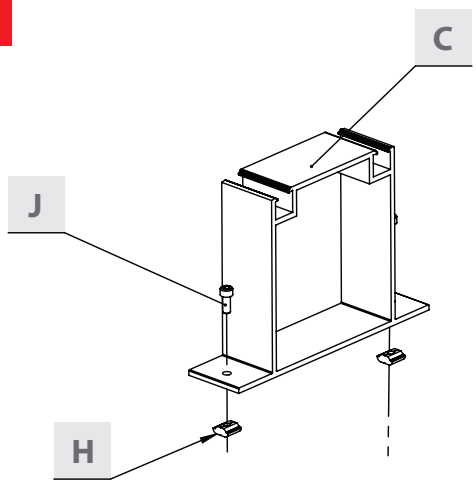
4


A
B
C
+
I
J
H
[6]
[5]

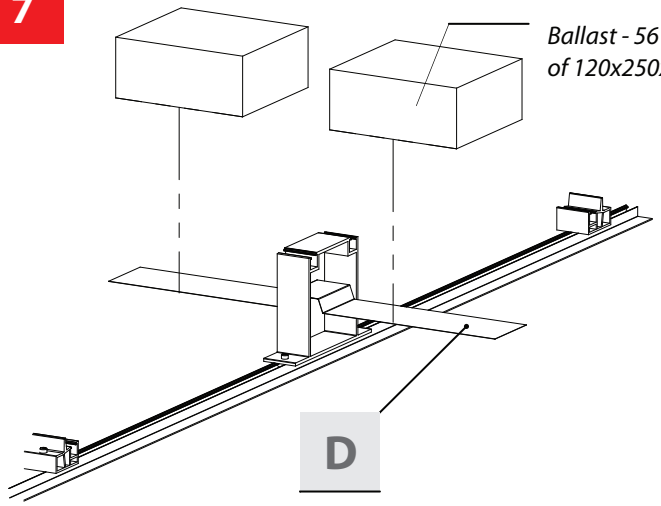
5



6

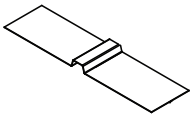


7

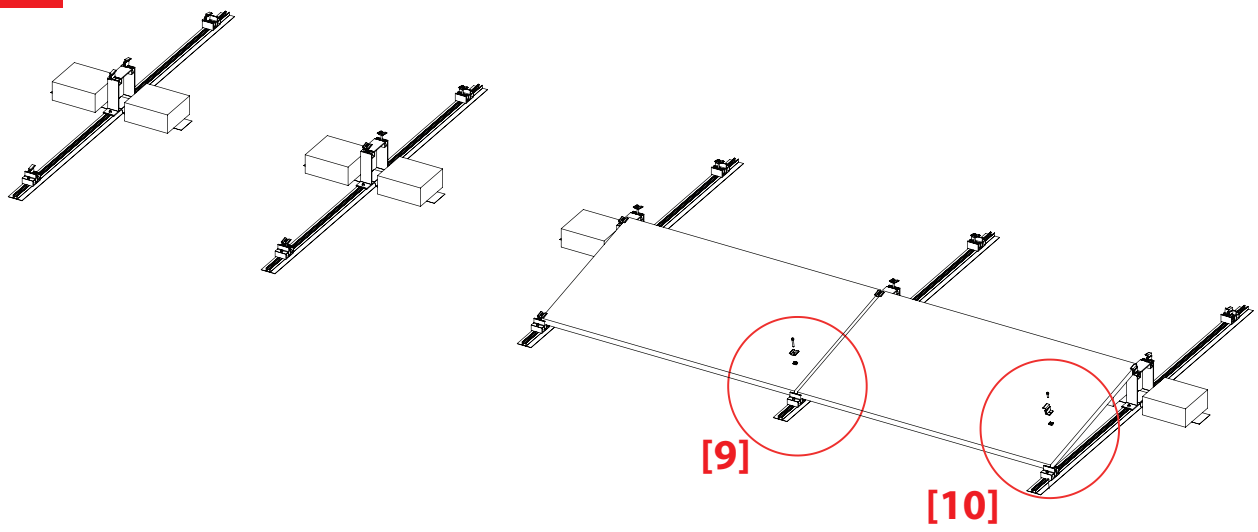


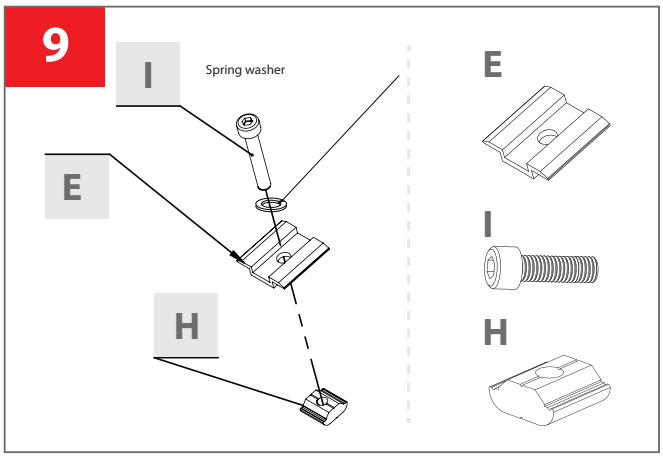
Ballast - 56 kg per two modules (e.g. concrete block with dimensions of 120x250x380mm).

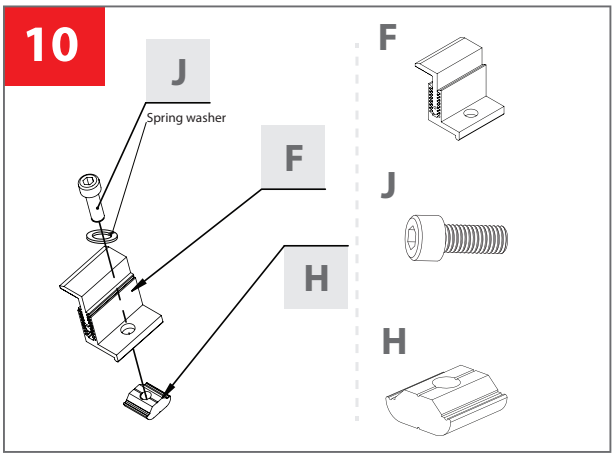
D

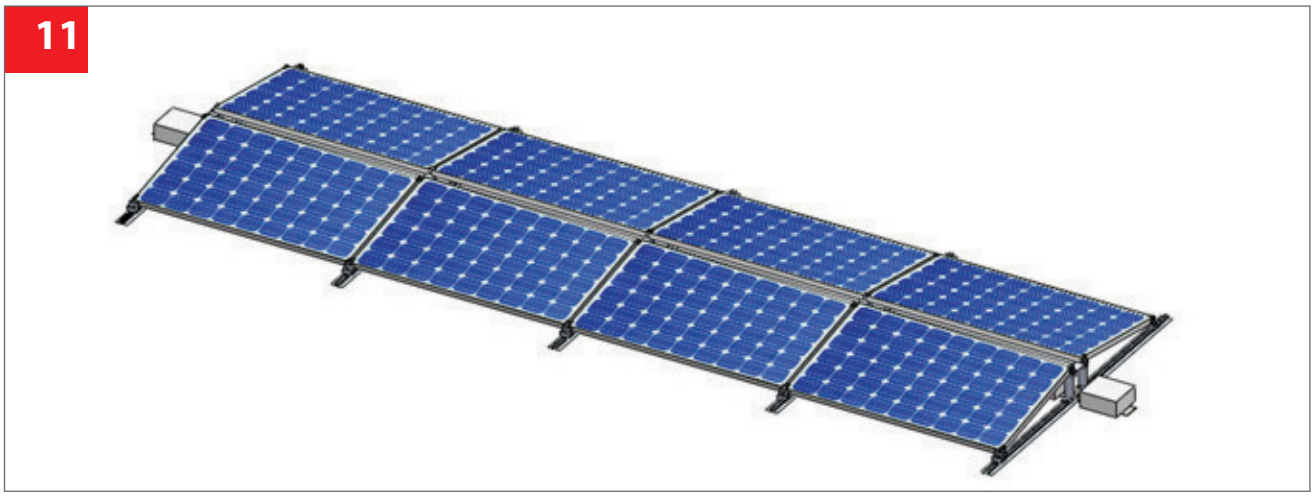


8




9
I
Spring washer
E
H
E
I
H


10
J
Spring washer
F
H
F
J
H


11

*Annex: Minimal rates between the frames of the **c**onstruction*

Assumptions:

module: 1000x1670mm

roof inclination angle: 0°

panels deviated from the south orientation: max. +/- 10 degrees

Screwed system	Ballast
PI-017 - 1,7 m, 15° pion/vertical PI-027 - 2,8 m, 25° pion/vertical PI-037 - 3,76 m, 35° pion/vertical PI-018 - 1,02 m, 15° poziom/horizontal PI-028 - 1,66 m, 25° poziom/horizontal PI-038 - 2,25 m, 35° poziom/horizontal	PB-017 - 1,7 m, 15° pion/vertical PB-027 - 2,8 m, 25° pion/vertical PB-037 - 3,76 m, 35° pion/vertical PB-018 - 1,02 m, 15° poziom/horizontal PB-028 - 1,66 m, 25° poziom/horizontal PB-038 - 2,25 m, 35° poziom/horizontal PB-064 - 0,68 m, 10° AERO PB-068 - 1,02 m, 15° AERO