

NOTES



SUITABLE FOR

Riverclack 550
Riverclack Grip 600

INCLUDED COMPONENTS

- N°10 M8x35 st. steel bolts
- N°10 8/24 stainless steel washers
- N° 4 st. steel clamps
- N° 1 plate, stainless steel
- N° 2 contrast blocks made by N° 1 "C" galvanized steel support, N° 5 polyamide clips
- Cover, 0.7 mm prepainted aluminum or 0.6 mm copper

RELATED COMPONENTS

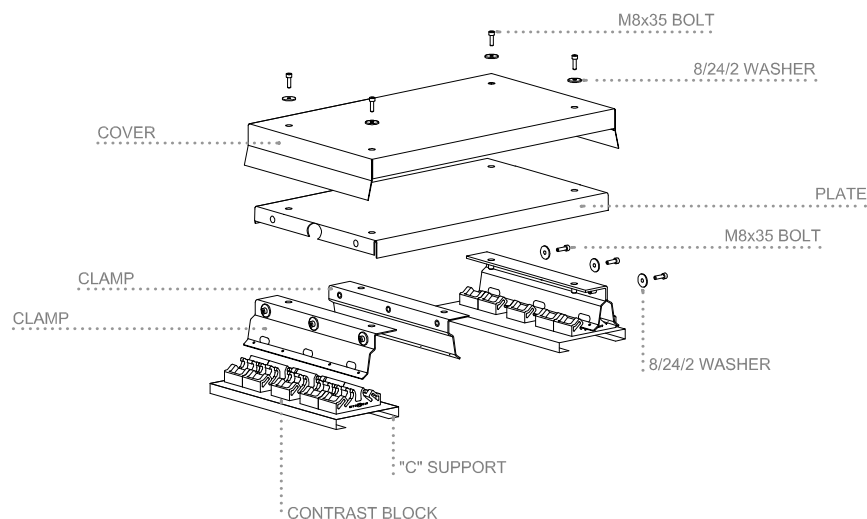
- Fixed point

NOTES

- Different solutions from those described above may be considered only under ISCOM's supervision
- ISCOM doesn't recognize systems installed by unqualified personnel
- The use of the base plate as support for safety systems involves design and supervision by qualified personnel, according to local regulations
- The design by a competent technician is always recommended, pay special attention to loads deriving from extreme weather conditions

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TECHNICAL SITUATION

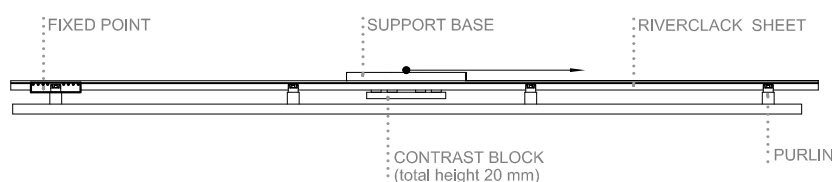
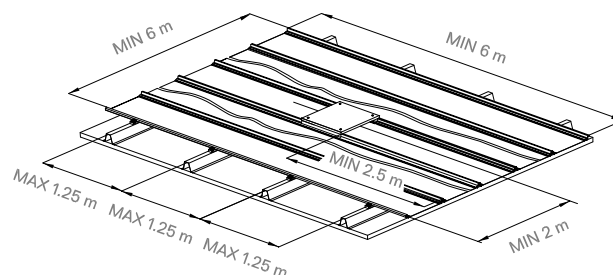


TECHNICAL SPECIFICATIONS

- The device can be used only with roof covering systems made of copper, steel, natural or coated alloy 5754 aluminum having a breaking load not less than 265 N/mm² and a unitary deviation load $Rp0.2\% > 225 \text{ N/mm}^2$.
- The device can be used on roof sheets $\geq 0.7 \text{ mm}$ thick (aluminum) and $\geq 0.6 \text{ mm}$ (copper and steel).
- The polyamide brackets must be fixed using ISCOM standard screws and omega steel spacer bars $\geq 1.5 \text{ mm}$ thick or to wooden supports at least 50x50 mm in section. The maximum spacing allowed between steel spacer bars or wooden supports is 1.25 m.
- The fixed point of the sheet must be sized to withstand the loads acting on the base.
- The application of curved sheets on a continuous board, or on spacers/supports not perpendicular to the sheets must be evaluated case by case.
- Item suitable only for Riverclack 550 and Riverclack Grip 600 systems produced from 2005 onwards.
- For sheets produced before 2005 contact the ISCOM technical department.

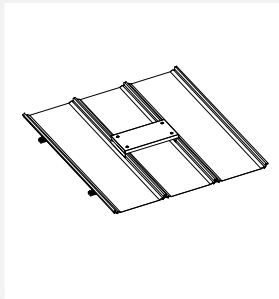
POSITIONING

- The recommended minimum length of the roof sheets is 6 m.
- The distance to be kept from the sides must be at least 2 m, the base plate must not be installed before the second row of clips, at least 2.5 m from the edges, and never on the first or the last sheet.
- The device must be placed exactly in the middle between 2 spacer bars.
- For assembly follow scrupulously specific ISCOM instructions.



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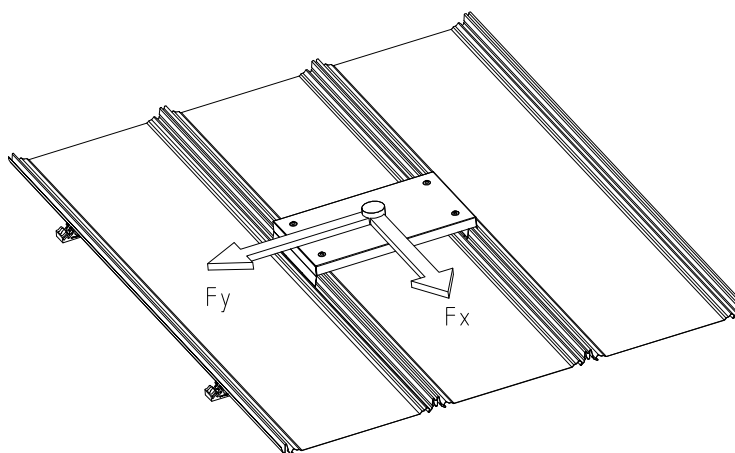


TECHNICAL SITUATION

OPERATING SPECIFICATIONS

- The device transfers the load to the covering and through this to the construction below.
- Whatever the system installed on the device, it must be installed in the center of the base plate.
- In case of loads higher than 5.5 kN the device and the sheets below may suffer permanent deformation.

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BREAKING LOADS

- with standard polyamide fixing clips

$F_x \text{ max} = 20 \text{ kN}$

$F_y \text{ max} = 19 \text{ kN}$

- with high sliding fixing clips or with a contrast block without "C" profile

$F_x \text{ max} = 20 \text{ kN}$

$F_y \text{ max} = 17 \text{ kN}$

- force applied to a spot placed in the center of the base area, 30 mm higher than the plate's surface; 10 N = 1,02 kg
- figures obtained with intact components installed according to instructions

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