

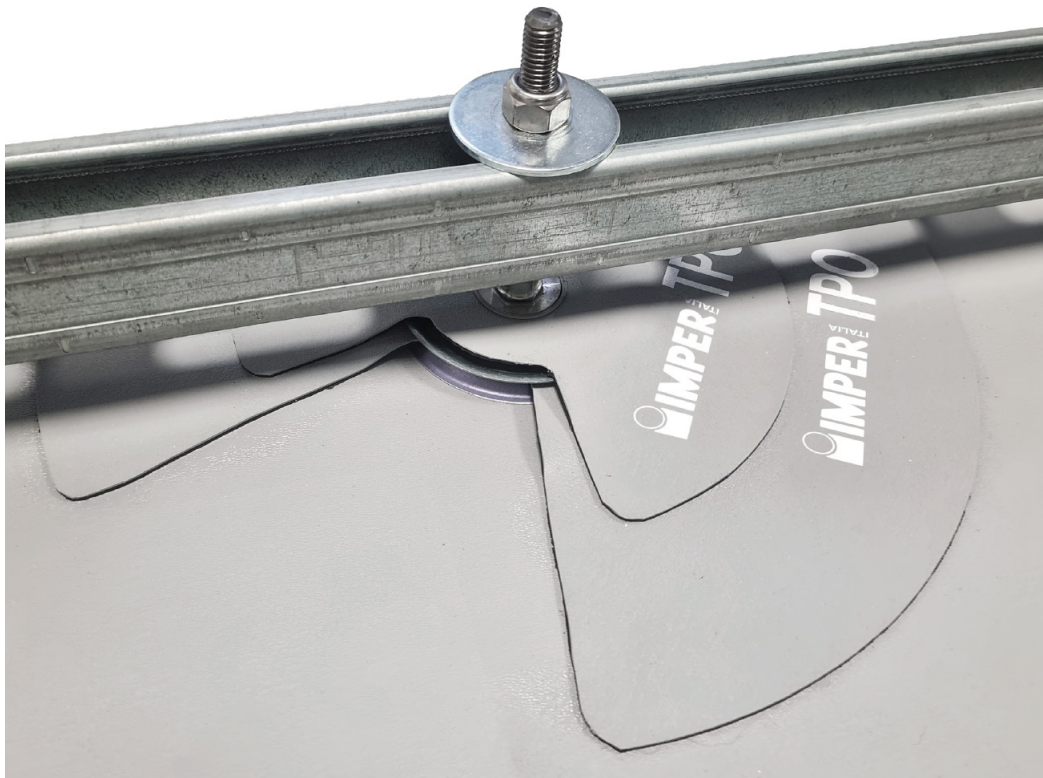
RUBBERFIX® SYSTEM

TPO

PVC

Description

The RUBBERFIX® SYSTEM is ideal for anchoring traditional photovoltaic modules (or similar appliances) on roofs with exposed waterproof covering.

**Fields of application**

The RUBBERFIX® SYSTEM allows anchoring structures of traditional photovoltaic systems (or similar appliances) directly on bearing structure of the roof without having to drill into the waterproof surface in SINTOFOIL (TPO / FPA) or SINTOPLAN (PVC-P) applied with mechanical fastening by induction.

Application

The application method of RUBBERFIX® SYSTEM is safe and fast as it involves a special electromagnetic induction welding technique which guarantees a resistance to shearing between washer and waterproof covering, certified by laboratory tests No. RBTC 1202 and extraction tests in the worksite with field dynamometer, over conventional values of a traditional mechanical fixing system such to surpass 5000 N when anchoring with RUBBERFIX® SYSTEM. The anchoring resistance of the RUBBERFIX system to the supporting structure depends in any case on the pull-out resistance of the fastening element used. The structures connected to the RUBBERFIX system will consequently be sized based on the fastenings that constrain the RUBBERFIX elements to the supporting structure.

FEATURES

RUBBERFIX PLATE



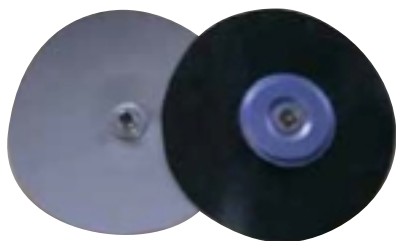
Washer \varnothing_{ext} 80 mm and $\varnothing_{\text{bore}}$ 6.5 mm, with specific treatment for application via electromagnetic induction sealing.

RUBBERFIX BASE



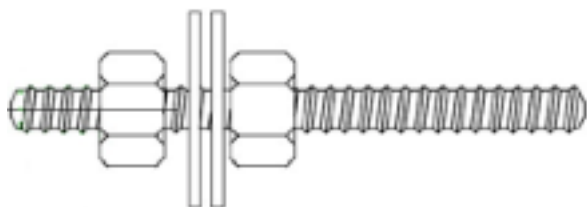
Disc \varnothing 30 cm in SINTOFOIL or SINTOPLAN necessary only when positioning the RUBBERFIX® SYSTEM on a synthetic coating existing NOT provided with induction fixing according to the layout of the photovoltaic system.

RUBBERFIX CONNECTION



Main component of the RUBBERFIX SYSTEM® features a threaded insert \varnothing 10 mm on the upper part (disk in \varnothing 20 cm in SINTOFOIL or SINTOPLAN) and a black washer on the lower part treated for induction welding, on which the threaded insert is fixed.

RUBBERFIX PRG 12



Stud \varnothing 10 mm, length 120 mm, complete with retaining nut, double washer and the self-locking nut (all in stainless steel).

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