

# Fix master

## Farmer screws for outdoor use

BY USING ETA-APPROVED (ETA 10/0047) FIX MASTER FARMER SCREWS YOU MAKE SURE THE INSTALLION WILL LAST THROUGH DECADES.



**POWDER COATED FIX MASTER FARMER SCREWS HAVE 25 YEARS LIFE GUARANTEE IN ATMOSPHERIC CORROSION CATEGORY C3\***

Atmospheric corrosivity category C3 = Urban and industrial areas and coastal areas with low salinity

\* = Read the guarantee conditions from the flipside





## Correct application:

- screw should be drilled under 90 ° angle so washer can provide its sealing function
- screw should not be over tightened, so washer keeps its conical shape and together with its facing EPDM part assures watertight sealing of the hole drilled by the screw
- to avoid scratching of the powder coating of the crew, for installation spring clip socket is recommended to be used. Magnetic sockets are not recommended.
- screw should not be drilled through thicker material as specified in the Screw Technical Properties
- maximal recommended speed/torque of the electrical screw driver should not be exceeded

## Technical properties:

- the recommended or limited values screw characteristic should not be exceeded.  
Values according to European Technical Approval ETA 10/0047 (issued by DIBt, Berlin, Germany)

## Weather conditions

Screw is fulfilling requirements for the specified durability if installed in the standard weather condition. Rough or aggressive weather or environment condition might require different screw protective treatment which if not applied might significantly reduce specified durability.

## Maintenance

Declared durability is guaranteed is valid only if condition of paint coating has been in tracked and possible coating damages are to be repainted

Consistent color fading caused by UV radiation is not considered to be relevant regarding to technical durability of the product. Eventual paint marks on the rubber part of the washer has no influence on sealing properties of washer or overall functioning of the fastener. (Definition of Corrosion resistance classes and theoretically evaluated service life in years in accordance to EN 12944).

Declaration based on results of test in accordance to DIN EN ISO 9227.

Test performed and result issued by : "Fraunhofer Application Center Large Structure in Production Engineering", Albert -Einstein\_ Strase 30, Rostock, Germany

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