

# Navodila za namestitev

## MASTER-SEAL Ø 200 mm - galvanizirano

Tesnenje z verižico za zunanjo servisno cev Ø 156 do 165 mm skozi cevne obloge in 200-milimetrske izvrtine za naknadno vgradnjo

številka izdelka: 110695



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## Navodila za namestitev:



Supply takes place completely ready to be installed.

The **MASTER-SEAL** modular seal consists of individual sealing modules, each containing a rubber element, two moulded plastic parts and a screw with nut.

The screws and nuts are available in V2A material or in a galvanised version.

Required tooling:

Cleaning material, possibly PROTECT EP resin, measuring tool, torque wrench.



Before installing the **MASTER-SEAL** modular seal, the inside of the core drill hole and the outside of the gas, water, sewage pipes as well as the cables have to be cleaned.

The medium pipes / cables must be dimensionally stable in the sealing area and must not be damaged.



When installing a **MASTER-SEAL** modular seal in a core drill hole, the inside of the core drill hole has to be preserved with an epoxy resin (PROTECT EP resin).

The preservation serves to obtain a smooth surface and also as protection of the cut reinforcement steels against corrosion.



The **MASTER-SEAL** modular seal is supplied as an open chain.

To close the chain, the last connecting screw must be loosened and removed.

To do this, loosen the plastic part with the nut from the screw and then pull the screw completely out of the rubber.



Push the two rubber ends into each other.



Insert the screw through the holes in both rubber ends to fix the closed chain.



After the plastic part has been reassembled with the nut, the **MASTER-SEAL** modular seal is ready for installation.



Push the **MASTER-SEAL** modular seal over the medium pipe, insert both into the preserved core drill hole and position the **MASTER-SEAL** modular seal appropriately. The **MASTER-SEAL** modular seal must be installed as close as possible to the outside of the wall ( earth-side, water-side).

Take care that the nuts can be controlled and retightened later.

The nuts have to be placed on the air-side.



Tighten the screws clockwise one after the other with a torque wrench.

This procedure must be repeated several times until the specified maximum torque is reached.

This procedure guarantees uniform pressing of the rubber parts against the walls.

The torque must be checked after approx. 2 hours, after the first release of tension on the rubber parts, and if necessary the screws must be retightened.



Fully assembled medium pipe incl. **MASTER-SEAL** modular seal.



When using a **MASTER-SEAL** modular seal in combination with an existing installation, the "open" modular seal is placed around the existing medium pipe and closed as described at the beginning. Proceed as shown above.

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Status: 23.03.2022

## Osnova

Vse dimenzije in informacije v tem podatkovnem listu se nanašajo na rezultate opravljenih laboratorijskih testov. Odstopanja od vrednosti, ki smo jih določili v laboratorijskih pogojih, so mogoča zaradi okoljskih in obratovalnih pogojev, na katere nimamo vpliva. Podatki v tem podatkovnem listu veljajo samo za izdelek, ki smo ga dobavili. Podatki o izdelku ustrezajo samo specifikacijam v Nemčiji. Morebitna odstopanja od specifikacij v posameznih državah tukaj niso upoštevana.

## Navedba prava

Tehnične informacije odražajo naše trenutno znanje o MASTER-SEAL Ø 200 mm - galvanizirano. Namenjen je le kot informacija za uporabnike. Ker ne poznamo predvidenih načinov uporabe in pogojev obdelave, mora uporabnik skrbno preveriti, ali je izdelek primeren za predvidene namene. Zaradi različnih sestavnih delov na mestu vgradnje in tamkajšnjih delovnih pogojev družba MASTERTEC ne more dati nikakršnega jamstva za rezultat dela. Zahtevki, ki izhajajo iz kakršnega koli pravnega razmerja, se lahko priznajo le v primeru namernega dejanja ali hude malomarnosti, ne glede na tukaj navedene izjave ali ustne nasvete. V tem primeru mora uporabnik dokazati, da je podjetju MASTERTEC pisno posredoval vse informacije, ki so potrebne za pravilno in pravočasno oceno stanja vgradnje. V skladu s potrebnimi specifikacijami izdelka ali nadaljnjim razvojem. Z zagotavljanjem teh informacij družba MASTERTEC ne namerava kršiti pravic tretjih oseb. V vsakem primeru velja najnovejši podatkovni list. Veljajo naši ustrezni prodajni in dobavni pogoji.

## Prejšnji podatkovni listi niso več veljavni

Natisni datum 30.06.2024