

Technical data sheet

Intec® Premium injection hose

Intec® Premium is a highly flexible, robust, resin injectable hose for waterproof construction cold joints suitable for multiple injections.



Product

Description	Intec® Premium is an injectable hose with integral valves for sealing and possible re-sealing of construction joints in watertight structures against water and saltwater ingress. Suitable for use in arid and tropical climates.
Applications	Intec® Premium is used as a primary or redundant construction joint seal in waterproof structures against water and salt water ingress or seepage. The hose is cast into construction joints along with the concrete. To achieve a watertight joint, Intec® Premium is injected with a suitable MAX FRANK injection material, including acrylic, polyurethane and epoxy resins.
Characteristics/ Advantages	<ul style="list-style-type: none"> ▪ <i>proprietary valve technology</i> ▪ <i>effortless installation</i> ▪ <i>suitable for a variety of structures and construction methods</i> ▪ <i>proven long-term track record on many international projects</i> ▪ <i>field tested under all commonly encountered head pressures</i> ▪ <i>individual sections of up to 30 meters possible</i> ▪ <i>trace and track advanced embedded RFID technology available</i>

Tests (copies on request)

Standards / Approvals	Munich University of Technology test certificate (abP-Nr.: P-51010a/05) German Approval according to the guidelines of the constructing supervising authorities with suitability proof for multiple injection Potable water approval according to German Drinking Water Sanitation standards for acrylic resin and INTECTIN® Plus resin injections – KTW/UBA test certificates
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Product Data

Form / Appearance	circular 13 mm diameter hose with distinctive orange woven protective PE-fabric with grey/red stripes and rubberized PVC core; internal diameter 5 mm
Packaging	Intec® Premium is supplied boxed in 100 m coils
Storage / Shelf Life	minimum 48 months from manufacturing date, when stored in undamaged, unopened, original, sealed packaging, in cool and dry conditions at temperatures of +1°C to 40°C
Physical Properties	core: Shore A hardness 80 +/-5; tensile strength >15 N/mm ² (DIN EN ISO 868/527) fabric: Shore A hardness 20 +/-5; tensile strength >32 N/mm ² (DIN EN ISO 868/527)

DISCLAIMER/NOTES

VALUE BASE:

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

LEGAL NOTES:

Recommendations with regard to product application given in the present technical data sheet for practical assistance of product users are based on our experience and our present scientific and practical body of knowledge. These recommendations, however, are given without engagement and do not establish a contractual relationship or subsidiary duties. These recommendations do not relieve users of their liability and of their own responsibility to test, whether our product is adequate for the intended purpose of application.

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