



# PRODUCT RANGE

*Injection • Waterproofing • Consolidation • Repair • Anchoring*



# INJECTION MATERIALS



## ONE-COMPONENT POLYURETHANES(WILLSTOP)

- ready to use, no premixing required.
- high foaming factors
- semi-flexible / flexible closed cell
- manageable reaction speed with WILLADD®



## ACRYLATE GELS(WILLGILL)

- low viscosity and excellent penetration ability
- adjustable reaction time
- high impermeability and elasticity
- chemical resistance to organic and inorganic fluids
- easy handling and cleaning



## TWO-COMPONENT POLYURETHANES (WILLPUR)

- elastic waterproofing in cracks closed cell
- structure high mechanical resistance
- progressive foaming in contact with water
- consistency and reaction speed adjustable
- with WILLADD® FAST & WILLADD® THIX permanent and lasting solutions
- 



## SILICATE RESINS(WILLBOLT,WILLKAT)

- organo-mineral
- short reaction times
- high initial strengths
- non-flammable
- no reaction change in case of water contact
- high adhesion



## EPOXY RESINS(WILLPOX)

- high final mechanical strengths
- high adhesion in dry substrates
- ideal for structural repairs
- non-foaming



## Expansion Joint Repair

- High elasticity
- Excellent flowability
- Immediate effectiveness
- Permanent sealing
- **WILLPUR CS**
- **WILLSTOP FLEX**
- **WILLGEL SWIFT**



## Micro-tunneling & Horizontal Drilling

- Fast reaction
- Securing of start & arrival shafts
- Tailored solutions
- Permanent intervention
- **WILLBOLT 900 SLOW**
- **WILLKAT FOAM**



## Lifting Injections

- Very high mechanical strength
- Soil stabilization
- Crack sealing
- Low-expansion foams
- **WILLPUR SL**



## Soil Stabilization

- Penetrates very fine soils Fast (controlled)
- reaction High mechanical strength, even in
- saturated environments Waterproofing & heavy-load solidification **WILLPUR HF+**

- (Foam factor 14-16)
- **WILLPUR WS HF**, (Foam factor 30)



## Curtain & Crack Injections

- Two- or three-component systems
- Light foaming upon water contact.
- High elastic bonding High
- chemical resistance Completely
- impermeable CE-certified for
- injection into concrete cracks according to EN 1504-5 **WILLGEL SWIFT WILLGEL PRO**

- 
- 



## Structural and Wet Cracks

- **WILLPOX 7147** 2-component epoxy-based reaction resin
- **WILLPUR WX** Structural cracks, slow-setting 2-polyurethane component injection resin
- **WILLSTOP 1** One-component, water-reactive, highly foaming, open cell
- **WILLPUR CS** very elastic two-component polyurethane resin
- **WILLSTOP FLEX** one-component polyurethane foam resin, close cell







**F. Willich**  
SINCE 1882

**HORIZONS**  
Construction Materials Trading

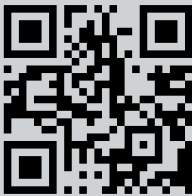
**Our Products**

- Injection Materials for Construction & Tunneling
- Injection Packers, Soil Lances
- High-Pressure Injection Pumps & Accessories

sales@horizons.llc

+971 50 411 7096

www.horizons.llc



For More Info Visit our Website



# CIVIL ENGINEERING & GEOTECHNOLOGY

*Injection • Waterproofing • Consolidation • Repair •  
Anchoring*

**HORIZONS**  
Construction Materials Trading

📍 DIP Street 45-Community 597  
- Dubai

📞 +971 50 411 7096

✉ sales@horizons.llc

🌐 www.horizons.llc



**F. Willich**  
SINCE 1882

📷 hori.zonsmeet 🌐 horizonsmeet 📘 horizonsmeet 📧 hori\_zonsmeet