



# Azo!Grout™

By Azon

- Concrete repair
- Water control
- Soil stabilization



## Water cut-off | \*Azo-Grout™ 424

Azo-Grout™ 424, our most versatile product for the majority of water cut-off challenges, is a hydrophobic polyurethane that forms a resilient, flexible foam when reacted with water. Azo-Grout 424 is approved for contact with potable water. Use with Azo-Cat™ 25 to accelerate reaction time.

### Application range

#### Municipal and utility facilities

- Wastewater containment tanks
- Cracks and joints

#### Underground parking garages

- Expansion joints
- Sealing pipe openings
- Beam joints

#### Concrete dams and powerhouse galleys

- Flowing water leaks
- Cracks and joints



## Soil stabilization | \*Azo-Grout™ 443

Azo-Grout™ 443 is a low viscosity, polyurethane grout that is used in all types of soils to prevent erosion by forming a rock-like mass that provides structure and stabilization. Azo-Grout 443 is approved for contact with potable water. Use with Azo-Cat™ 25 to accelerate reaction time.

### Application range

#### Building foundations

- Shoring excavations
- Perimeter areas of deep-dug holes

#### Soil stabilizations

- River and lake embankments
- Helipads for helicopters
- Sand traps for golf courses



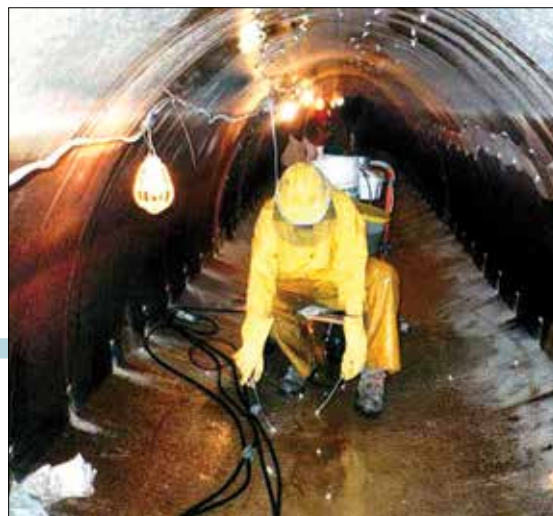
## Underground waterstop | Azo-Grout™ 458

Azo-Grout™ 458 is a hydrophobic polyurethane that forms a semi-rigid foam when reacted with water, providing a water-tight seal. Use with Azo-Cat™ 26 to accelerate reaction time.

### Application range

#### Underground repair

- Mines
- Tunnels
- Subways



# Innovative solutions for

- concrete repair
- water control
- soil stabilization

## Void filling and slab lifting | Azo-Grout™ 551

**Azo-Grout™ 551** is a two-component, hydrophobic polyurethane that forms a very dense, rigid foam when reacted with **Azo-Nate™ 300**. The product has the capability to expand up to 10 times its liquid state while maintaining a closed-cell structure, providing permanent stability. The ability to expand, while keeping closed-cell characteristics, makes **Azo-Grout 551** an excellent applicant for underground void filling and slab lifting of floors, roadways and sidewalks.

## Crack and joint sealing

### for use in sewers and manholes | \*Azo-Grout™ 675

**Azo-Grout™ 675** is a single-component, hydrophilic polyurethane that cures in areas where water is constantly present and is approved for contact with potable water. Depending on the amount of water in the mixture, **Azo-Grout 675** will vary in consistency from a resilient, rubber-like foam to a flexible gel. The product is capable of absorbing as much as 800 percent of its own mass and then deflecting excessive water from penetrating into a structure. This unique absorption quality allows **Azo-Grout 675** to seal off joints and cracks where there is heavy water inflow.



## Hairline cracks and structural repair | Azo-Grout™ 222, Azo-Grout™ 224, Azo-Grout™ 226

**Azo-Grout™ 200** series products are nontoxic, solvent-free, two-component, polyurethane systems that cure to a solid elastomer. These elastomers are suitable for the structural repair of cracks in concrete, while preventing water seepage and corrosion. The low viscosity permits deep penetration in hairline cracks, allowing easy injection for maximum effectiveness.

### Product description and application

- |                       |                                                                                                                                                     |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Azo-Grout™ 222</b> | <ul style="list-style-type: none"><li>• flexible solid</li><li>• used for moving structures</li></ul>                                               |
| <b>Azo-Grout™ 224</b> | <ul style="list-style-type: none"><li>• dense solid when structural crack repair is needed</li></ul>                                                |
| <b>Azo-Grout™ 226</b> | <ul style="list-style-type: none"><li>• hard solid</li><li>• used as an anchoring resin in concrete, masonry and fractured rock locations</li></ul> |



### Injection equipment and accessories:

- Injection pump
- Packers
- Azo-Purge™ MP2



For NSF/ANSI 61  
use restrictions visit:  
[www.wqa.org](http://www.wqa.org)

\* Products tested and certified by Water Quality Association for potable water applications and are in compliance with NSF/ANSI-61:

- Azo-Grout™ 424
- Azo-Grout™ 443
- Azo-Grout™ 675



Technology  
Chemicals  
Machinery



# Azo!Grout™

By Azon

## The Azon story

Azon, a polyurethane chemical and machinery manufacturer with production facilities on three continents, has a wide product range of applications from high-performance thermal barrier systems for the window industry to abrasion-resistance coatings for the vibratory bowl market. It was the Azon dedicated research and development staff who used their experience in polymer chemistry to develop the full spectrum of products known as Azo-Grout™.

## Diverse family of solutions

**Safe, dependable and easy-to-use**

For crack repair, soil stabilization or stopping the infiltration of water in any concrete, brick or mortar infrastructure, the Azon line of Azo-Grout products will provide the solution you need. Depending on the product option and application, Azo-Grout effectively diverts water or converts sandy soils into a solid mass by forming an elastomeric solid material, a rigid or flexible foam, or a gel-type substance. With additional benefits that include low viscosity, low flammability and solvent-free systems, Azo-Grout is the product of choice that puts safety first—even meeting the approval of ANSI/NSF 61 for use with potable water.



Azo-Grout™ being used in a gypsum mine with a multi-ratio pump.

## Worldwide Operations

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[www.azonintl.com](http://www.azonintl.com)