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# Polyurethane Water Cut-Off Grout

*Cured Product is a Cellular Material*

## Description

Polyurethane Water Cut-off & Soil Stabilization Grout is made of polyurethane, which reacts with water by expanding. The cured product is a cellular material.

## Uses

This grout is extremely well suited for the filling of large cavernous spaces and cracks in stone or concrete structures. Additionally is used for cutting off gushing water of high pressure and speed.

## Polyurethane Water Cut-Off & Soil

Stabilization Grout can also be used as an effective chemical grout for soil stabilization. The moisture content of the soil must be sufficient to ensure reaction of the material. The stabilized soil will be of a content volume and will be insensitive to moisture or dryness.

## Procedures

It is composed of two components, which are supplied separately, in order to achieve a longer shelf life. Component A contains a polyisocyanate. Component B is an accelerator to increase the geltime. There are two different accelerators B and Bs available to adjust the gel-time individually.

## Mixing Ratio (parts by volume)

Comp. A	Comp. B or Bs
10	1

Since the above grout reacts only with water the mixture does not have to be used up immediately.

## Technical Data

	Comp. A	Comp. B
Appearance	dark brown	clear
Density, g/cm <sup>3</sup>	1.12	0.93
Flash point, C/F	180/356	170/388
Viscosity, cps	180	20
Mixing ratio by vol.	10	1
Solubility in water	not	
Product available	5 gal	0.5 gal

## Cured Product—Accelerator B

Expansion, 5	3000
Induction time approx.	30 sec.
Gel time approx.	50 sec.
Elongation	20%
Corrosiveness	non-corrosive

## Cured Product—Accelerator Bs

Expansion, %	3000
Induction time approx.	15 sec.
Gel time approx.	30 Sec.
Elongation	20%
Corrosiveness	non-corrosive
Appearance	Gold-yellow polyurethane foam
Toxicity	Essentially non-toxic in cured form.
Resistance to chemicals	Resistant to most organic solvents, mild acids, Alkali and micro organisms.



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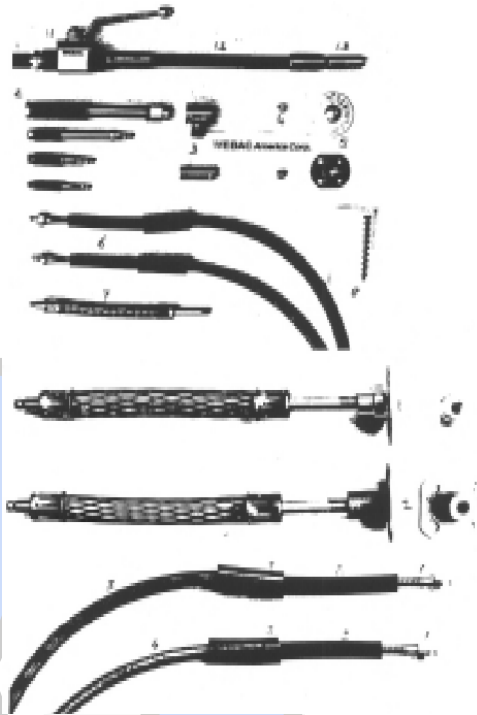
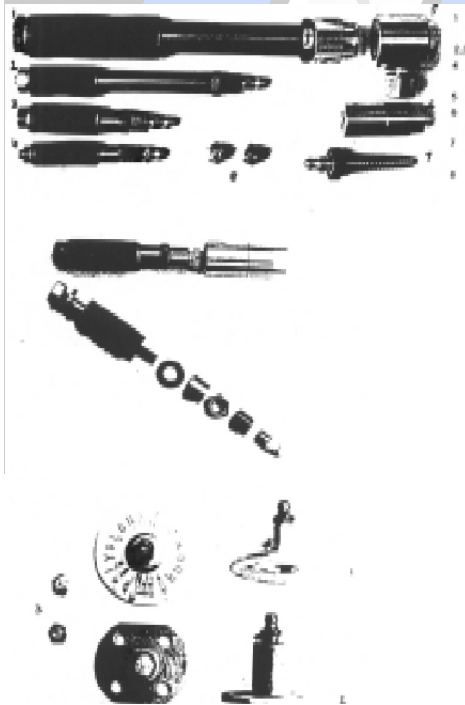
## Injection Accessories

- 1 Pressure Line
- 1.1 Teflon Valve
- 1.2 Flexible Hose
- 1.3 Coupler
- 2 Mechanical Packers 3/4, 5/8", 1/2". 10 mm
- 3 Couplers, Slide, Zerk
- 4 Zerks Low-High Pressure
- 5 Surface Ports Aluminum, Plastic
- 6 WEBAC 2000 Injection System for Cold Joints
- 7 Balloon Injector for Epoxy Injection
- 8 Measuring Cup

♦Balloon Injector for Epoxy Injection on SP Aluminum on SP Plastic 45 PSI Max. Pressure.

## WEBAC 2000 Injection Tube System for Cold Joints

1. Inject Screw
2. Outlet Tube
3. Sleeve
4. Type 11 Tube
5. Type 1 Tube



## Polyurethane Grout Mechanical Packer & Surface Port Selection

1. 1-3/4" (19-150S)  
5/8" (16-60, 16-115)
2. 3 1/2" (13-60, 13-115)
4. 10 mm (10-60)
5. Slide Coupler
6. Zerk Coupler
7. Inject-Screw

## WEBAC-2000 System

8. Zerks  
High Pressure  
Low Pressure

♦Our Best seller: WEBAC 1/2" (13-60) with coupler

♦WEBAC Packers are reusable

♦High & Low pressure zerks are available. Low pressure zerks are recommended for use with hand pump.

## WEBAC Surface Ports

1. SP Aluminum with Zerk
2. SP Plastic with Zerk
3. High & Low Pressure Zerks

More Ports available on request

Winnipeg,MB Redlake,ON Thompson,MB Snowlake,MB Flin Flon,MB Saskatoon,SK Edmonton,AB

Ph:204-262-5900 Ph:807-735-3011 Ph:204-677-5977 Ph:204-358-7992 Ph:204-687-6533 Ph:306-651-2727 Ph:780-960-6692

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