

# Grouts



## MBT CONSTRUCTION GROUT

### DESCRIPTION

Construction Grout is a noncatalyzed, multi-purpose construction grout containing mineral aggregate.

### PACKAGING

50 lb (22.7 kg) multi-wall paper bags

Color

Concrete gray when cured

### APPLICATION

- Normal loads for columns and baseplates
- Bedding grout for precast panels
- Repairing of cavities resulting from ineffective concrete consolidation
- Caulking concrete pipe
- Backfilling, underpinning foundations, and pressure grouting of slabs needing alignment
- General construction applications
- Damp pack applications



**Product Information  
MSDS Data Sheet**

## MBT MASTERFLOW® 713 PLUS

### DESCRIPTION

Masterflow® 713 Plus is a cementbased grout with specially graded mineral aggregates. It can be used at any consistency from fluid to damp pack for applications that require precision support and early form stripping or shoulder trimming. Where early form removal is not required but extended working time is needed

### PACKAGING

55 lb (25 kg) multi-wall paper bags

### APPLICATIONS

- Where grout needs to have the appearance of concrete or mortar
- Precision-equipment, baseplate, soleplate, and column grouting
- Pump and tank bases, conveyors, & drive motors
- Grouting precast wall panels, beams and columns, concrete systems, structural building members and curtain walls



**Product Information  
MSDS Data Sheet**

## MBT MASTERFLOW® 928

### DESCRIPTION

Masterflow® 928 grout is a hydraulic cement-based mineral-aggregate grout with an extended working time. It is ideally suited for grouting machines or plates requiring precision load-bearing support.

### PACKAGING

55 lb (25 kg) multi-wall paper bags

3,300 lb (1,500 kg) bulk bags

### APPLICATIONS

- Where a nonshrink grout is required for maximum effective bearing area for optimum load transfer
- Where high one-day and later-age compressive strengths are required
- Applications requiring a pumpable grout
- Compressors, generators, & drive motors
- Pump & tank bases
- Conveyors
- Grouting anchor bolts, rebar and dowel rods
- Nonshrink grouting of precast well panels, beams, columns, curtain walls, & concrete systems
- Repairing concrete, including grouting voids and rock pockets



**Product Information  
MSDS Data Sheet**

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# Grouts



## PRIME FLEX™ 900 XLV

### DESCRIPTION

Prime Flex 900 XLV is a thin liquid resin that reacts with water and expands to form a closed cell, watertight foam. 900 XLV is used to seal actively leaking joints and cracks in concrete structures. Material is typically injected under pressure through injection ports. Single component, water activated, hydrophilic, low viscosity, polyurethane injection resin.

### USES

- Sealing active leaks in above or below grade concrete structures.
- Hairline Cracks, Expansion Joints, Wide Cracks, Pipe Joints, Pipe Penetrations, Oil Free Oakum, or Open Cell Backer Rod may be soaked in to create a watertight gasket.

### TYPICAL STRUCTURES

- Water Treatment Tanks & Dams
- Below Grade Concrete Walls, Tunnels, Manholes, Elevator Service Pits.

### ADVANTAGES

- Single component
- Extremely tough and flexible
- Up to 600% expansion
- Super low viscosity will penetrate tight cracks

### PACKAGING

- 5 gallon pail
- 50 Gallon drum
- 2:1 "Quick Mix" Cartridge (case of 10)

## PRIME FLEX™ 920

### DESCRIPTION

Prime Flex 920 is a very thin liquid resin that reacts with water and expands to form a closed cell, watertight, rigid foam. 920 is used to seal actively leaking joints and cracks in concrete structures. Material is typically injected under pressure through injection ports. Single component, water activated, hydrophobic, low viscosity, polyurethane injection resin. Requires use of PrimeKat catalyst.

### USES

- Cutting off gushing water leaks in below grade structures.
- Stabilizing soil, retaining walls, seawalls, below grade parking decks
- Curtain Grouting Manholes, Pipe Joints, & Tunnels
- Point Grouting

### TYPICAL STRUCTURES

- Manholes
- Pipe Joints, Box Culverts, Tunnels, & Storm Sewers

### ADVANTAGES

- Pumped as Single component
- Very low viscosity for good penetration
- Up to 2900% expansion.
- Controllable Set Time
- Encapsulates and strengthens loose soil
- Watertight

### PACKAGING

- 5 gallon pail
- 50 gallon drum
- 10:1 "Quick Mix" Cartridge (case of 6)
- 300 gallon tote

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## DESCRIPTION

Hydro Gel SX is a thin liquid resin that reacts with water to form either a closed cell, watertight foam or impermeable gel depending on the water to resin mix ratio (Range = 1:1 to 15:1 Water:Resin). Hydro Gel SX is used to seal actively leaking joints and cracks in below grade concrete structures. Material is typically injected under pressure to curtain grout behind porous structures. It is also used for soil stabilization. Single component, water activated, hydrophilic, polyurethane injection resin (foam or gel).

## USES

- Curtain grouting manholes to seal leaks
- Soil Stabilization
- Oil Free Oakum or Open Cell Backer Rod may be soaked in Hydro Gel SX to create a watertight gasket.

## PACKAGING:

- 5 gallon pail
- 10 oz "Single Shot" Cartridge (case of 20)
- 1:1 "Quick Mix" Cartridge (case of 10 includes Gel Reinforcing Agent)

## TYPICAL STRUCTURES

Manholes, Dams, Below Grade Concrete Walls, Tunnels, Elevator Service Pits, Excavation Pits, Tunneling Launch Pits

## ADVANTAGES

- Single component which forms flexible foam or gel depending on mix ratio with water.
- Non Flammable
- Super low viscosity will penetrate tight cracks and loosen soil.
- Tenacious bond to wet concrete.
- High elongation allows for thermal or structural movement



## Product Information



## MBT EMBECO® 885

## DESCRIPTION

Embeco® 885 is a cement-based metallic-aggregate grout with an extended working time. It is ideally suited for grouting machines or plates requiring optimum toughness and precision load-bearing support, including machine bases subject to thermal movement.

## PACKAGING

- 55 lb (25 kg) multi-wall paper bags
- 3,300 lb (1,500 kg) bulk bags

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## TYPICAL STRUCTURES

- Power generation
- Pulp, paper, steel, and cement mills
- Stamping and machining
- Water and waste treatment
- Metal recycling
- General construction

## Product Information MSDS Data Sheet

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## JAHN® M30

### DESCRIPTION

Jahn M30 is a micro injection grout. The M30 contains no corrosive constituents achieves extraordinary flow capacity, penetration, and strong adhesion. The M30 injection grout is offered in two formulations for varying substrates. To enhance penetration and bonding, a small amount of synthetic material is included. M30 can be applied via gravity feed or pressure injection into the hairline cracks up to 3/16" (5.0 mm) in width. This product may be utilized in both non-structural simple void applications and structural load bearing situations, is available in two levels of compressive strength and can be customized through testing.

### FEATURES/BENEFITS

- Single component: Easy to mix correctly, thereby improving the quality control at the point of injection
- Tenacious adhesion: Strong bonding capabilities
- Factory controlled: No field chemistry resulting in product variation
- Low viscosity: Deep, through penetration
- Simple application: Can be applied by pouring or pumping
- Water-based: Environmentally and user safe. No solvent cleanup or disposal problems

### Product Information

## JAHN® M40

### DESCRIPTION

Jahn M40 crack is a crack injection grout. The M40 is formulated to repair cracks and voids ranging in width from approximately 3/16" to 9/16" (5.0 mm to 15 mm) or larger using low pressure mechanical or gravity feed equipment. M40 is completely mineral-based, contains no latex or acrylic bonding agents or additives, and is vapor permeable for compatibility with masonry substrates.

### FEATURES/BENEFITS

- Single component: Easy to mix correctly, thereby improving the quality control at the point of injection
- Tenacious adhesion: Strong bonding capabilities
- Factory controlled: No field chemistry resulting in product variation
- Low viscosity: Deep, through penetration
- Simple application: Can be applied by pouring or pumping
- Water-based: Environmentally and user safe. No solvent cleanup or disposal problems

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## SURE-GRIP® HIGH PERFORMANCE GROUT

### DESCRIPTION

Sure-Grip High Performance Grout is a ready to use, non shrink, non corrosive, non metallic grout formulated and produced with the highest quality raw materials available. It is a cement based grout designed to deliver a high rate of flow with excellent density (for dynamic loads) and a high compressive strength quickly – 5000 psi in one day – and at 28 days, over 10,000 psi! Sure-Grip High Performance early strength means an earlier project completion time and less downtime for machines. It is designed to provide an effective load bearing surface through non shrink properties. It contains no chlorides or other components that cause corrosion, or bleeding.

### FEATURES/BENEFITS

- High compressive strength quickly – 5,000 psi in one day
- Less downtime for machines/finish projects sooner
- High ultimate compressive strength – 10,000 psi in 28 days
- Non metallic/non corrosive
- High density
- Low water requirements
- High fluidity/pourable/pumpable
- Resistant to heat and thermal shock
- Interior/exterior applications
- Approved by numerous state D.O.T.'s

**Product Information**

**MSDS Data Sheet**



## CW 100 PRECISION GROUT

### DESCRIPTION

CW 100 Precision Grout is designed for a wide range of consistencies from damp-pack to high fluidity. It is formulated to meet the demanding requirements of most job conditions. CW 100 Precision Grout is a blend of portland cement, specially blended natural aggregate and cementitious expansive agents.

### FEATURES/BENEFITS

- High quality
- Non-shrink, non-metallic
- High early strength

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