



# BELTER GROUT NS

## Technical Data Sheet

### PRODUCT DESCRIPTION

Belter Grout NS is a cement-based grouting compound with superior strength. Belter Grout is non-shrink and varies in consistencies from flowable to trowel able. Ideal anchoring cement.

### PRODUCT USE

Belter Grout NS is suitable for:

- Machinery bases
- Anchoring bolts, posts, and railings
- Structural Columns
- Bearing Plates

### BENEFIT

- All-Mineral Based
- Superior workability & pumpability
- No harmful irritating fumes or emissions
- Vibration Resistant
- Can be used interior or exterior
- ASTM C-109 Compressive Strength 7 days= 7,000
- ASTM C-348 Flexural Strength 28 days = 1050
- ASTM C-882 Bond Strength 28 days= 1,800
- Resists oils, salts, and other chemicals
- Does not provide a bed for mold growth

### SUSTAINABILITY

Belter Tech prides itself on sustainability, therefore Belter Grout NS contains post-consumer recycled content is all mineral based. LEED documentation can be obtained from our Belter tech technical representatives.

### YIELD

- A 50 lb bag yields approximately .45 ft<sup>3</sup>



### BAG SIZES

Available 50-pound multiwall paper bags with moisture barrier

### COVERAGE (SQ FT)

### COVERAGE (SQ M)

#### THICKNESS

#### Average

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1" (25.4 mm)

5.63 sq ft

.52 sq m

2" (6.35.6 mm)

2.81 sq ft

.26 sq m



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### INSTALLATION

#### SURFACE PREPARATION

Ensure substrate is cleaned thoroughly, making sure to remove dirt, loose debris, including, flaking paint, peeling adhesive, waxes sealers and chipped concrete. Pay special attention to stains resulting from grease and oil spills, as their residue will compromise the bond between the existing substrate and Belter Grout.

SET TIME (ASTM C266)	Initial	Final
Dry Pack	15 min	3 hrs
Plastic	3 hrs	5 hrs
Flowable	3.5 hrs	7 hrs
Fluid	4 hrs	7.5 hrs

PSI (ASTM C109)	1 Day	7 Days	28 Days
Dry Pack	3,500 psi	7,000 psi	10,000 psi
Plastic	3,100 psi	5,400 psi	7,400 psi
Flowable	2,900 psi	5,000 psi	6,900 psi
Fluid	2,800 psi	4,900 psi	6,800 psi

#### MIXING

Add Belter Grout NS bag into a pale. For every 50 pounds bag dry mix add 8 ½ - 10 ½ pints of water. Depending on your desired consistency Add 3/4's of water and blend together. Mix until materials are combined. This mix will be dry until remainder of water is added if you do not want slump to be wider do not add entire amount of water. Do not over-water as This will lead to lower psi and cracking. Exact amount of water will vary depending on desired slump and consistency.

#### STORAGE

Keep Belter Grout NS stored in a cool, dry space and away from open flame and heat sources.

#### LIMITATIONS

Belter Grout NS cannot be applied to frozen surfaces or in any area that will drop below 40 F° within 24 hours.

#### SAFETY

While mixing dust produced during mixing or cutting may cause skin and eye irritations as well as allergic skin reactions. Respirable dust may contain crystalline silica, a known carcinogen. Do not smoke, eat, or drink when using this product. Wash hands carefully after handling. Do not handle until all safety precautions have been read and understood. Wear protective clothing, gloves, eye, and face protection. Should be used only in well-ventilated areas.



#### WARRANTY

NOTICE: Obtain the applicable LIMITED WARRANTY at [www.beltertech.com/product-warranty](http://www.beltertech.com/product-warranty) or send a written request to BelterTech, 3020 Commerce Way, Suite D, Hapeville GA 30354