

## Bruil Grouting Mortar

# GPM350



Bruil grouting mortar GPM350 is a dry, ready-mixed, cement-bonded mortar. Mix by weight, not by volume.

### Usage

Bruil grouting mortar GPM350 is suitable for setting grout anchors and foundation piles.

### Benefits

**Also available as part of the Bruil Silo service:**

- > constant-consistency, homogeneous plastic mortar
- > available with screw conveyor to slurry mixer
- > zero on-site waste
- > fast, dust-free mixing
- > reduced workload



approx. 20 kg



approx. 1,000 kg



approx. 22,000 kg

### Product Properties

Binder	Cement	(NEN-EN 197-1)
Filler	Limestone Powder	(NEN-EN 13139)
Additives	Admixtures	(NEN-EN 934-3)
Maximum Grain Size	mortar	< 200 μm
Water Content	48 ±4.0%	
Density		
44% water content (WCR 0.55)	1,830 ±15 kg/m <sup>3</sup>	
48% water content (WCR 0.60)	1,790 ±15 kg/m <sup>3</sup>	
52% water content (WCR 0.65)	1,760 ±15 kg/m <sup>3</sup>	
Setting Time	30 min.	
Flexural Strength	≥ 5.0 N/mm <sup>2</sup>	
Compression Strength	≥ 35 N/mm <sup>2</sup>	

## Instructions

### Bagged Product Processing

Measure approx. 9 L of clean mains water per 20 kg bag (WCF 0.56) into a clean vat or batch mixer. Add grouting mortar. Mix mechanically until mortar has homogeneous, liquid consistency.

### Silo Processing

Use clean mains water and adjust water content on flow mixer to achieve required flow density. Use mortar within 2 hours of mixing at an ambient temperature of between 5 and 30 °C. Clean tools and equipment with water immediately after use.

### Curing

Protect masonry from adverse weather conditions (rain, wind, frost and sun) and above all, prevent dehydration. In the event of rain, protect masonry by covering in sheeting to prevent cement efflorescence and leachate.

### Quantities

Quantities required are heavily dependent on how the product is being used.

- > One 20 kg bag of Bruil grouting mortar GPM350 produces approx. 20 kg of mortar.
- > Bulking per ton is dependent on water content (see table).

WCR	Water Added per Ton [L]	Total Mix Volume [L]	Density [kg/m³]
0.38	300	651	1,996
0.44	350	702	1,923
0.50	400	752	1,861
0.56	450	803	1,806
0.63	500	853	1,758
0.69	550	904	1,715
0.75	600	954	1,676

indicative mix volume and mortar density for varying water content percentages per ton of dry mortar

### Ecology/Toxicology

Product presents no hazards to environment or health under normal use. Empty packaging fully, allow remnants to dry and/or cure, and dispose of as regular construction waste.

### Safety Instructions

Separate safety data sheets (SDS) are available for all Bruil beton & mix products. Always read SDS before use. Do not use with other substances unless explicitly instructed to do so in this documentation.

## Supply

Bruil grouting mortar GPM350 is available in the following bulk quantities:

Packaging	Weight	Equipment
Bagged	20 kg	N/A
Bigbag	1,000 kg	N/A
Silo	22,000 kg	D100b, SMP, D150 (wet) Inclined screw conveyor (dry)

## Storage & Shelf Life

Store Bruil grouting mortar GPM350 in dry, frost-free conditions. Shelf life of at least 1 year after production date if unopened (see side of packaging or delivery note).

## Additional Information

We have based this information on our current knowledge and experience. It applies to the product as supplied. Bruil beton & mix provides this information without any guarantees and accepts no liability whatsoever for any damage caused as a result of using this information. This product is specifically intended for professional use.

## Seals of Approval

Bruil grouting mortar GPM350 is KOMO certified in accordance with assessment guideline BRL 1904 and the Besluit Bodemkwaliteit (Bbk) [Dutch Soil Quality Decree].



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## Answers & Advice

Please contact one of our technical consultants for professional advice or answers to any of your questions.

Please visit our website at [www.bruil.nl](http://www.bruil.nl) for additional information about this product, declarations of performance and information about other Bruil products.

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