

# Bruil Thixo Mortar THM701



Bruil thixo mortar THM701 is a dry, ready-mixed, cement-bonded mortar compliant with CUR recommendation 24 ('Low-Shrinkage, Cement-Bonded Mortars').

## Usage

Bruil thixo mortar THM701 is a K70-grade mortar suitable for all environmental categories, e.g. (X0, XC4, XF4, XS3, XD3 and XA3.).

Its thixotropic properties make this mortar extremely suitable for filling horizontal and vertical joints between prefabricated elements and underpinning anchors and machinery foundations.

Suitable for use with mortar pumps and pouring course layers of up to 60 mm.

## Benefits

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

- > consistent, high-grade mortar
- > zero on-site waste
- > fast, dust-free mixing
- > reduced workload



approx. 25 kg



approx. 1,000 kg



approx. 2,000 kg

## Product Properties

Binder	Cement	(NEN-EN 197-1)
Aggregate	Sand 0-1 mm	(NEN-EN 13139)
Additives	Admixtures	(NEN-EN 934-3)
Water Content	16.0 ±0.5%	
Slump Flow	140-180 mm	
Density	2,200 ±50 kg/m <sup>3</sup>	
Setting Time	> 30 min.	
Intumescence		
Plastic Phase	0.1-2.0% v/v	
After 24 hours:	70-100% w.r.t. max. intumescence	

After 24 hours:	> intumescence at 30 min.
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Stability	Stable, zero water separation, zero foaming
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Compression Strength	$\geq 70 \text{ N/mm}^2$
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Contraction	< 1.0 mm/m
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Fire Class	A <sub>1</sub>
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## Instructions

### Preparation

Eliminate anything detrimental to bonding. Moisten substrate with water to prevent mortar from drying out. Remove any excess water before applying mortar.

### Processing

Measure 3.8 to 4.1 L of clean mains water per 25 kg bag into a clean vat or batch mixer. Add mortar. Mix mechanically for approx. 3 minutes using suitable mortar mixer until mixture is homogeneous and lump-free. Use mortar within 30 minutes of mixing at an ambient temperature of between 5 and 30 °C. Do not mix old and new pouring mortar. Clean tools and equipment with water immediately after use.

### Curing

Protect applied mortar from adverse weather conditions (rain, wind, frost and sun) and above all, prevent dehydration. For example, cover finished surface with sheeting and moisten regularly with mains water or apply a curing compound.

### Quantities

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

- > One 25 kg bag of Bruil thixo mortar THM701 produces approx. 12.5 L of 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 thixo mortar THM701 is available in the following bulk quantities:

Packaging	Weight	Equipment
Bagged	25 kg	N/A
Bigbag	1,000 kg	N/A
Piccolo	2,000 kg	N/A

## Storage & Shelf Life

Store Bruil thixo mortar THM701 in dry, frost-free conditions. Shelf life of at least 6 months 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 thixo mortar THM701 complies with CUR recommendation 24 and is certified in accordance with Besluit Bodemkwaliteit (Bbk) [Dutch Soil Quality Decree].



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Formed Building  
Material

## 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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