



ASSYST sprl / A.S.O.W. sprl  
Hellegatstraat 13a - 2590 Berlaar - Belgium  
Tel: +32 495 50 61 14 / +32 496 83 70 27  
Website: [www.assyst.org](http://www.assyst.org) / [www.artsuppliesonweb.com](http://www.artsuppliesonweb.com)  
Email: [ao@assyst.org](mailto:ao@assyst.org) / [vera.opsommer@assyst.org](mailto:vera.opsommer@assyst.org)

## CALMIX 801

### **DESCRIPTION:**

Cement based casting stone

### **Main features:**

- ✓ Small to medium sized moulds
- ✓ To be demoulded within 30 minutes
- ✓ Frost-free, wind and watertight
- ✓ Free of chlorides
- ✓ Alkali-resistant
- ✓ Pigmentation possible

### **Product Features:**

Calmix 801 is a high quality cement mortar based on special cements and additives. It combines a fast initial bond with a high initial strength so that a high productivity is guaranteed.

The final product can be placed both inside and outside.

Calmix 801 is designed to be poured into small to medium sized molds, which are then poured after 30 minutes can be removed (at ~20°C). Calmix 801 can also be used for structural repairs. Calmix 801 is frost and wind and waterproof, free of chlorides and alkali-resistant. It is also durable and has built-in shrinkage compensation.

Processing conditions:

Calmix 801 is prepared with clean tap water in a clean mixing vessel to a solid lump-free mass. Shake 25 kg powder in 4.2 litres of water and mix with a mortar mixer. After approx. 5 minutes the prepared mortar is mixed vigorously again. When casting larger moulds, mix with coarse sand. A maximum of 20% sand can be added.

Safety Data: The product is not harmful under normal use and does not contain any environmentally harmful substances. Wear body protection when handling. In case of contact with skin or eyes, rinse abundantly with water and seek medical advice, if necessary.

### **Environmental data:**

This product does not contain any substances harmful to the environment. Dispose of the empty packaging in accordance with local regulations.

### **Shelf life:**

Can be stored for at least 6 months in a cool, dry, frost-free place in closed packaging.

### **Technical data:**

Processing time:	Approx. 10 minutes
Processing temp:	From +5°C to +20°C (substrate and ambient temperature)
Compressive strength:	28 days 50 Mpa
Bending strength:	28 days 10 Mpa
Mixing time:	~ 5 minutes
Mixing ratio:	4.2 Lit/25 kg
Consumption:	1 kg of material gives 640 ml
Drying time:	Can be stripped after approx. 30 minutes