



## DATA SHEET

### Fortafix High Temperature Adhesives

#### **FORTAFIX MAGSETT – Ceramic Cement**

##### Description

- **FORTAFIX MAGSETT** This cement has been designed as a porcelain-like fast setting plastic cement.
- **FORTAFIX MAGSETT** withstands severe thermal and mechanical shocks. The set cement forms a dense, hard material which is resistant to water, solvents and many acids and alkaline materials

##### MIXING PROPORTIONS

###### Fast Set and Strength Development – Use Magsett Liquid Binder (B)

Magsett Powder (A)	1.00 Parts by Weight
Magsett Liquid Binder (B)	0.20 Parts by Weight

###### Slower Set and Strength Development – Use clean water

Magsett Powder (A)	1.00 Parts by Weight
Water	0.18 Parts by Weight

##### MIXING PROCEDURE

- Mix the dry cement powder to overcome any segregation, which may have occurred during delivery and storage. Do not leave unused cement powder exposed to the air at any time. Replace lids on drums or twist the neck of part used polythene bags.
- Weigh out using a digital balance, the cement powder required, to a ratio of:
  - **1.00 parts Magsett Powder (A) to 0.20 Parts by Weight Magsett Liquid Binder (B)**
  - or alternatively
  - **1.00 parts Magsett Powder (A) to 0.18 Parts by Weight Water**
- Add the Magsett Liquid Binder (B) or Water to the Magsett Powder (A) and mix vigorously for approx. 2 minutes.
- Although the initial appearance of the mixture is of a dry stiff paste, additional binder/water should not be added, as the viscosity of the mixture reduces during the mixing process.
- The cement will set in 20-30 minutes at room temperature
- The cement cannot be reconstituted once the initial set has begun

## Storage

- Once opened this product is moisture sensitive avoid continuous exposure to air.
- Any unused cement can be kept in the tub with the lid tightly replaced and stored in a cool, dry, frost free place.
- Product should be stored in original packaging between 5 - 30°C.
- Shelf life – 12 months.

## Health and Safety / Environmental Information

- See separate MSDS sheet. (MSDS – Minkon Fortafix Magsett)
- ROHS Compliant.