

## **MAX 2004 MICRO CONCRETE**

**(General purpose, High Strength, Non – Shrink Cementitious Micro Concrete)**

### **DESCRIPTION:**

**MAX 2004 MICRO CONCRETE** is a ready to use non-shrink, high strength, repair mortar which requires to add only clean water at site. **MAX 2004 MICRO CONCRETE** is based on OPC, graded aggregates, binders, fillers and additives which impart controlled expansion characteristics in the plastic state, while minimizing water demand for high early strength and long repairs. The mixed **MAX 2004 MICRO CONCRETE** may be modified by the addition of 5mm to 12mm clean, dry graded aggregates on site. It complies to BS 4551 – 80 & ASTM C 827 - 1987

### **Area of Application:**

- Interior and Exterior
- Structural repairs
- Parking & Bridge decks
- Industrial floors, etc.
- Levelling and repair of horizontal concrete & masonry surfaces

### **RECOMMENDED APPLICATION:**

**SURFACE PREPARATION:** Concrete surfaces must be structurally, free of loose or **deteriorated concrete and free of dust, dirt, paint, efflorescence, oil and all other contaminants.**

**PRIMING:** Clean and prime exposed steel with Max Rust Remover & Max Prime Zink. Alternatively, all prepared concrete substrates should be primed using Max bond SBR -031.

### **RECOMMENDED FOR:**

- Repair of damaged reinforce concrete elements like beams, columns, wall etc. where access is restricted & compaction is not possible.
- For Jacketing of RCC columns to increase load-taking capacity (strengthening of a vertical members.

Wet Density : 2100 – 2200 kg/m<sup>3</sup>

Expansion Characteristics : 1 to 4%

W/P ratio : 0.16

Compressive Strength : 50 N/mm<sup>2</sup>@ 28 days

Tensile strength : 2.0 N/mm<sup>2</sup> @ 28 days

Flexural strength : 5.0 N/mm<sup>3</sup> @ 28 days

### **PACKING:**

25 kg

### **STORAGE & LIFE:**

Best before one and half years from the date manufacture when in sealed pack and stored in cool & dry place in unopened condition away from direct sunlight.

### **HEALTH & SAFETY:**

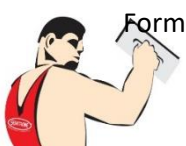
- Use rubber hand gloves & safety goggles, while using **MAX 2004 MICRO CONCRETE**
- In case of contact with skin, wash with plenty of water.
- Keep out of reach of children

### **TECHNICAL INFORMATION & SERVICES:**

Further information and advice, including practical demonstration are freely available with the Technical Service Department of **SEMITRONE CONCHEM PVT LTD - AHMEDABAD.**

**DISCLAIMER:** The product information & application details given by the company & its agents has been provided in good faith & meant to serve only as a general guideline during usage. Users are advised to carry out tests & take trials to ensure on the suitability of products meeting their requirement prior to full scale usage of our products. Since the correct identification of the problems, quality of other materials used and the on-site workmanship are factors beyond our control, there are no expressed or implied guarantee / warranty as to the results obtained. The company does not assume any liability or consequential damage for unsatisfactory results.

### **Technical Specification :**



Form

: Powder

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