



CLASSIC DURA MICROMATE™

High Strength Repair Mortar (Micro Concrete)

Product:

A factory blended ready to use high strength, shrinkage compensate repair mortar. For repairs to damaged reinforced concrete elements, particularly where access is restricted, and vibration of the placed material is difficult.

Description:

Classic Dura Micromate is supplied as a ready to use powders, which requires only the site addition of clean portable water to produce dense, low permeable micro concrete. **Classic Dura Micromate** can be used for various reinforced damaged/spalled concrete.

Packing:

25 Kg lined HDPE bags.

Advantage:

- Non-Shrink. Does not shrink by volume.
- High Strength. Attains ultra-high strength.
- Can be placed without vibration. No segregation & bleeding.
- Can also be used in mortar consistency for small repairs.
- Prepacked ensures quality consistency.
- Low permeability. Ensures water tightness.
- Contains no corrosive substances.

Packing:

Days	Mortar Consistency W/P ratio 0.15	Fluid Consistency (W/P ratio – 0.17 i.e.,)
1 day	250	225
3 days	400	375
7 days	500	475
28 days	650	575

Expansion:

0.8% to 1% by volume.

Fresh Density:

Fluid Consistency-----appx.1900 Kg/m³
Mortar Consistency -----appx.2300 Kg/m³

Application Procedures: Surface Preparation:

Defective concrete surface must be cut back to a sound base. Smooth surfaces should be mechanically roughend. Corroded reinforcing steel should be exposed around its full circumstances and clean the scale and corrosion by stiffed wire brush. Grit blasting or water jetting is recommended. One coat of **Classic Dura Micromate** (a reinforcement protective coating) should be applied on the reinforcing steel. Prior to application or **Classic Dura Micromate**, surface should be thoroughly cleaned and saturated with clean water. After application of **Classic Dura Micromate**, a bonding agent on the concrete surface.

Fluid Consistency:

Classic Dura Micromate can be used in free-flowing consistency, which ensures leak proof formwork. The formwork should include drainage outlets of pre-soaking and provision for air ventilation should be made.

Note: For large repairs the washed cleaned 5mm to 12mm graded aggregates can be mixed by 50% to 100% by weight of mortar to the thickness of 20mm to 50mm according to site conditions.

Mixing:

Fluid Consistency:

Precise quantity of water i.e., mechanically by drilling machine attached with paddle or concrete mixer.

DO NOT MIX CLASSIC DURA MICROMATE BY HAND

Mortar Consistency:

For plastering/rendering, add precise quantity of water i.e., 0.15 w/p ratio (3.75 litres/25 Kg bag).

Placing:

Fluid: Fluid consistency material should be poured immediately within 20 minutes.

Screed: Within 20 to 25 minutes screed should be placed.

Curing:

Repaired surfaces should be cured immediately after remoulding of shutter and where screed is laid within 5 hours and up to 7 days water curing should be done. Or apply **Classic Cure C**, a curing aid immediately after remoulding and in case of screed immediately after finishing.

CLASSIC DURATM MICROMATE

High Strength Repair Mortar (Micro Concrete)

Health & Safety:

Classic Dura Micromate may cause irritation to skin or eyes.

In case of accidental contact with eyes, immediately flush with plenty of water and seek medical advice is necessary.

Storage & Shelf Life:

6 months period in dry, shaded condition in original sealed pack.



Variety of Products:

Following are the other similar products from Primadonn Buildtech Pvt Ltd.,

- Classic Coat-RB
- Classic Crackmate
- Classic Cure –C
- Classic ETP-3
- Classic Reprmate
- Classic Rust Shield
- Classic TA
- Classic TP
- Classic TT

TAMILNADU

Corporate Office

PRIMADONN BUILD TECH PVT LTD

No. 349, First Floor, Srinivasa Nagar, Kavaripeetai, Gummidipoondy 601 206.

Ph+91-8220513172,

Admin Office:

No.605, Selva Vinayaga Nagar, Grant Lyon Village, Ponneri Tk., Thiruvalluvar Dt., Ph+91-6379174327, +91-8438276059.

Manufacturing Unit

No.603, Selva Vinayaga Nagar, Grant Lyon, Vadagarai, Chennai 600 052. Ph.+91-9444907177

KARNATAKA

Corporate Office:

PRIMADONN CONSTRUCTION CHEMICALS (P) LTD.,

Talacauvery Layout, Basavanagar, Bangalore 560 037. Ph.+9150878429, +91-9345411355.

PONDICHERRY

Branch Office

192/A, Chinna Subburaya Pillai Street, Near Vaikal Cutting, Puducherry 605 001. Ph.0413-4208833, 91-+9514709240

Distributor's

151, Chinna Subburaya Pillai Street, Near Vaikal Cutting, Puducherry 605 001. Ph.0413-2222100, 91-+9345561820

Email: Info@Primadonn.com, www.Primadonn.com

