



# RAZON

## FAIRING (Single component, self curing, conceal mortar for cosmetic repairs of concrete)

FAIRING is a single component, non shrink, good bonding, easy to apply mortar which can be trowelled on the concrete surface for a smooth defect free surface.

### Applications:

- Fairing is used to conceal blemishes like pinholes, “de-skinning”, slight honeycombs or other surface defects in concrete structures.
- To remove undulations over RCC surface & prepare a level surface so as to receive a coating/ treatment.
- To produce a uniform surface over repaired areas

### Advantages of FAIRING

- 1.) Factory Prepared product, requires only mixing of water at site.
- 2.) **Workability:-** Smooth paste is obtained which is easy to trowel in surface defects. Good pot life of 40+ minutes.
- 3.) **Shrinkage:-** Nil, shrinkage compensated system.
- 4.) **Bond:-** Good bond strength to base concrete.
- 5.) **Finish:-** Smooth surface finish is obtained.
- 6.) **Strength:-** Self curing, it has moisture retaining property which may delay initial strength but strength gain continues after 28<sup>th</sup> day as well.
- 7.) **Permeability:-** very low permeability, prevents ingress of moisture.
- 8.) **Color:-** Std light grey which matches “Fair Faced Concrete”. However, darker shades can be obtained by adding small quantities of OPC.
- 9.) **Wastage and rejections:-** Reduced wastage, due to long open time / pot life.

**10.) CURING:-** No external curing required. Material is self curing

### Dosage & Method of use

Before beginning, clean and moisten the surface to be treated. Do not saturate the surface with water. Add about 4 ltr of water per 20 kg bag to obtain a workable consistency. To obtain a trowellable paste consistency, lesser water will be required. It is recommended to use a mechanical stirrer for mixing Fairing effectively. It is recommended that partial bag of FAIRING should not be mixed with water at a time.

Use a painters’ putty knife or “Palti Patra” to work the putty over the concrete surface and ensure a good bond between the putty and Concrete. Push the putty with the trowel into the holes/ honeycomb so as to ensure a good bond. Allow 24 hours for drying.

No need for external curing. Hydration of Fairing is temperature sensitive, and application at temperatures lower than 15<sup>0</sup>C must be avoided.

For darker shades of concretes, OPC may be dry mixed with the Dry mortar, then mixed with water so as to obtain the shade of existing concrete before application. However, cement additions must be maintained below 1:0.2.

Property	Typical values at 30 <sup>0</sup> C
Density	1700 kg/m <sup>3</sup>
Pot Life	40 minutes
Strength	20 MPa
Yeild	Approx 13 litres per bag

### Storage and Shelf life

FAIRING must be stored in a cool dry place, preferably protected from sunlight. Under suchg conditions it has a shelf life of 12 months. Failure to comply with the recommended storage conditions may result in premature deterioration of the product or packaging.

### Packing:

Available in 20 kg bags.

No.	PRODUCT DATA	
1	Colour	Ligh Grey colored.
2	Specific Gravity	1.700
3	Coverage	5 kgs per sq m for 3 mm thickness
4	Dosage	Add 4 Ltr of water per 20 kg bag for a workable consistency
5	Packing	20 kg Bags
6	Shelf life	12 months when stored in cool & dry place away from sunlight.

### OTHER PRODUCTS

- Admixtures for Ready Mix Concrete
- Accelerators for precast concrete
- Mould release agents
- Colour enhancers for coloured concrete
- Glossy Lacquers for plain / colored concrete
- Concrete surface sealers and repellants
- “New / Wet look” coatings for concrete
- Anti Efflorescence admixtures for concrete
- Concrete densifiers and coloured coatings
- Superplasticizer for RCC pipes
- Admixtures for concrete sleepers, and poles
- Admixtures for precast concrete



## RAZON ENGINEERING COMPANY PRIVATE LIMITED

660, Taboot Street, P.O.Box No.49, Pune-411001 [India] Website: [www.razonengg.com](http://www.razonengg.com)  
Ph: +91-20-2613 0791, +91-20-2613 2217, Telefax: +91-20- 2613 0017 E-mail: [razonengg@gmail.com](mailto:razonengg@gmail.com),

AN ISO 9001:2008 ACCREDITED MANUFACTURER

