

**DESCRIPTION:**

- Polymer emulsion admixture for En-Rock portland cement-based products
- Enhances curing, adhesion, freeze-thaw resistance, and workability

USES:

- Admixture for En-Rock Type F Base and En-Rock Sand Coat
- Sealer for En-Rock Sand Coat surfaces

COMPOSITION:

- Binder base: 100% aqueous emulsion
- Water-based: VOC-compliant
- Color: Milky white liquid

PHYSICAL PROPERTIES:

- Density: 8.60 lb/gal (1.03 kg/l)
- Solids content: 35%
- Increases the bonding ability of En-Rock Type F Base and En-Rock Sand Coat to strong, dense concrete and masonry surfaces
- Reduces amount of mix water required
- Reduces evaporative loss of mix water from the surfaces of freshly placed mixes, which promotes better hydration of the cement and reduces cracking

FR-100

(Liquid Admixture)

CONSUMPTION:

Use 3.5 gallons FR-100 to 2 bags of Type F Base

CONTAINER:

- 3.5 gallons of product in a 5-gallon pail
- Storage: Protect from sun and frost at all times.
- Shelf life: One year if protected from sun and frost.

CLEAN-UP:

Product is water-soluble before drying. Clean tools and containers before product dries.

Job Name _____

Contractor _____

Date _____

Submittal Approvals

(Stamps or signatures)

MIXING TYPE F BASE:

- Use 3.5 gallons FR-100 to 2 bags En-Rock Type F Base.
- Mix 3.5 gallons water and 480 pounds specified sand.
- Mix no longer than required to produce a uniform mixture. DO NOT OVERMIX. Overmixing entrains excessive amounts of air, which weaken the material.
- Do not use for retempering.
- Follow Type F Base data sheet.

MIXING SAND COAT

- Add FR-100 to Sand Coat as required to achieve desired consistency and performance effect.

Ratios:

1:1 for high strength, low sandability
1:2 for medium strength
1:3 for high sandability

- Follow Sand Coat data sheet
- For best results, combine 10 pounds Sand Coat with 12 ounces fluid as follows:

FR-100	Water	Performance
6 oz	6 oz	high strength, low sandability
4 oz	8 oz	medium strength
3 oz	9 oz	high sandability

SEALING SAND COAT SURFACE:

- For best results, brush apply FR-100 mixed 50:50 with water to Sand Coat surface after sanding and allow to dry before application of finishes.

LIMITATIONS:

- Ambient and surface temperatures must be 45°F (7°C) or above during application and drying time.
- Avoid application of mixed cement-based products to very hot surfaces.
- Apply mixed cement-based products only to surfaces that are sound, clean, and free from any residue, oils, grease, form release agents, dust, laitance, or efflorescence.
- Use only with En-Rock Type F Base and En-Rock Sand Coat. Do not use with any other product.
- Do not use as an admixture for En-Rock Grey Smooth Finish.
- Do not use as a surface-applied bonding agent.



P.O. Box 189—1870 Stone Mountain-Lithonia Rd. Redan, Georgia 30074
PHONE: 770-482-7872 FAX: 770-482-6878

Product Data Sheet: This information is designed to guide you and has been conscientiously compiled according to the latest state of our technology. No liability can be accepted in connection with the use of the product because of the great variety of applications and working conditions.

Copyright Parex, January 2004