

## TECHNICAL DATA SHEET

# SMART LEVELING<sup>®</sup> CONREP FF

**Repair Mortar: A Fine Component  
for Achieving Smooth  
& Thin Finishing.**



### DESCRIPTION

- **SL3<sup>®</sup> Conrep FF** is a one-component specially formulated mortar designed for fair face repair.
- It consists of a blend of hydraulic cements, carefully selected and graded fine aggregates, synthetic-based additives and special polymer.
- When mixed with water, **SL3<sup>®</sup> Conrep FF** transforms into a highly homogenous, smooth, fine and consistent mortar.
- This product does not contain iron particles, chlorides, or gypsum, ensuring that its use will not result in rust, corrosion, or raveling, even under moist conditions.

### ADVANTAGES

- Excellent workability.
- Rapid hardening.
- Non-shrinkage material.
- High-resistant to water.
- High bond strength ensures excellent adhesion.
- Homogenous color.
- External and internal use.

## METHOD OF USE

- The areas to be repaired must be clean, sound and free of contaminants.
- Before application, saturate the surface with water, then allow it to dry.
- Any loose or deteriorated concrete should be removed using mechanical means.
- For each 20 kg bag of **SL3® Conrep FF**, add 6.5 - 8 liters of water.
- Mix the ingredients using a suitable electrical drill for 4-5 minutes or until a uniform lump free homogeneous mixture is obtained.
- Allow the grout to mature for 1 min prior to pouring.
- Apply the paste of **SL3® Conrep FF** using a clean steel trowel.
- Once the **SL3® Conrep FF** has begun to set, it can be sprayed with a small amount of water onto the surface of **SL3® Conrep FF** before final smoothing.
- To cure the **SL3® Conrep FF**, use clean water for three days by spraying twice a day.

## APPLICATIONS

**SL3® Conrep FF** is utilized in all concrete finishes requiring cosmetic repair to fill small voids and thin cracks, ensuring a homogeneous appearance with the real concrete color and texture.

## CHARACTERISTICS

- **Consumption:** 1.25 kg/m<sup>2</sup> per 1mm thickness
- **Appearance:** Grey Powder
- **Cl- Content:** Nil
- **Grain Size:** 0 to 0.1 mm
- **Min. thickness:** 1 mm
- **Max. thickness:** 3 mm

## TECHNICAL DATA

### **SL3® Conrep FF at 28 days**

- **Compressive Strength:** 15.7 Mpa
- **Flexural Strength:** 6.8 mpa
- **Bond Strength:** 6.2
- **Increase in length by:** 0.068 %

## STORAGE

**SL3® Conrep FF** has a shelf life of 12 months from the date of manufacture if stored at temperatures between 2°C and 50°C, away from moisture in unopened bags.

## CAUTIONS: HEALTH & SAFETY

- The product may cause skin irritation.
- It is advisable to wear gloves and goggles.
- In case of contact with eyes or mucous membranes, flush immediately with plenty of warm water and seek medical attention without delay.
- **SL3® Conrep FF** is nonflammable.

## PACKAGING SIZE:

Bag: 50 lbs. (22.7 kg)

---

## FOR TECHNICAL SERVICES

**VELOCITY®** green energy, LLC.  
P.O. Box16506, Irvine CA 92623, United States  
Contact us at: **(949) 468-2742**  
**(888) 508-6191**



SCAN HERE



End of Technical Data Sheet