

# CORRO-CURE LV FS

## Moisture Vapour Barrier ■ Stronger Floors

- ▶ APPLY TO CONCRETE AT INITIAL SET
- ▶ WAIT 8-10 HRS, INSTALL FLOOR
- ▶ SEALS FOR A LONGER AND STRONGER CURE



Under terrazzo (Pentagon, 2001)

*New concrete to finished floors in less than 2 days*

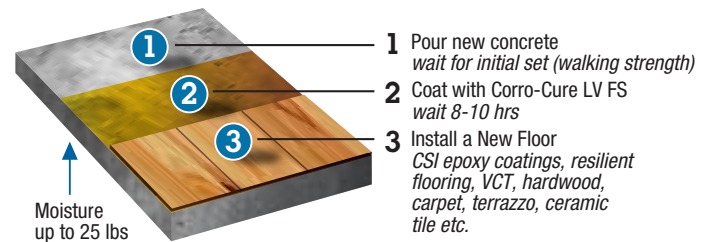
**FOR USE UNDER:** epoxy coatings, carpet, hardwood, tile, sheet flooring (linoleum, VCT, PVC, and vinyl), LVP, terrazzo, and more.

**Corro-Cure LV FS** is a superior, epoxy vapour barrier primer. It may be rolled, sprayed or squeegeed on at the time of initial set over new or 'green' concrete prior to installation of floors and roofing materials. Once the primer has cured, in about 8-10 hrs., it reduces moisture vapour emissions in new concrete from up to 25lbs/1000 sf down to 3lbs/1000 sf or less (per calcium chloride test ASTM F 1869-04) and does not require additional steps. **Corro-Cure LV FS** reduces the concrete curing wait time of 28 days and allows for a floor system to be installed over your new concrete, in less than 2 days - saving time and leading to faster occupancy.

**Works with name brand adhesives.**

**Corro-Cure LV FS** seals moisture in the concrete to prevent it affecting the floor system and adhesives above it. This allows the concrete to cure over a longer period creating a stronger substrate over time. Its dense nature inhibits the growth of mold, mildew, bacteria and fungi which can ruin floor systems. **Corro-Cure LV FS** is available in clear or pigmented versions - often selected if it is also being used as the top coat.

- Reduces alkalinity as high as 14 PH down 7 PH ASTM D-1308
  - Perm rating  $\leq$  .1 ASTM E-96-12
  - U.S.D.A/V.C.F.I.A compliant
- VOC Content: 58.84 g/L per ASTM C2369-01
  - Meets ASTM C-884, ASTM D-7234
  - Can be applied at 100% RH
- Existing concrete requires a CSP of 4 (Concrete Surface Profile)



On roof (Apple Campus, 2015)

Corro-Shield International Inc.  
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Elk Grove Village, IL 60007 USA  
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Corro-Shield Industries Inc.  
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**CORRO-SHIELD**  
SUPERIOR PERFORMANCE COATINGS

# PRODUCT DATA SHEET

## CORRO-CURE LVFS (Fast Set) Primer (Ref. No. 602 LV FS)

### Moisture Remediation and Green Concrete Primer

#### Features and Benefits

- Reduces Alkalinity from a pH of 14 to a pH of 7 (ASTM D-1308)
- Perm Rating of  $\leq 1$  (ASTM E-96-12)
- U.S.D.A./C.F.I.A Compliant
- Excellent Wear Resistance as Stand Alone Sealer/Coating
- Excellent Adhesion to Clean, Sound, Damp or Dry Concrete
- Pull-Off Adhesion Strength of Coatings on Concrete (ASTM D-7234) Failure within Concrete
- Tensile Strength >500 PSI
- Good Chemical Resistance
- Fast Turnaround Times (4 Hours at 73°F)
- Eliminates the 28-Day Cure Period
- Moisture Barrier for Wood, Tile, Drywall/Gyprock and Carpeting
- Can be applied at 100%RH

#### Coverage Rates as per ASTM F-1869 CAci)

Up to 10 pounds – 160 Square Feet Per Gallon – 10 Mills  
11 – 15 pounds – 130 Square Feet Per Gallon – 12 Mills  
16 – 25 pounds – 100 Square Feet Per Gallon – 16 Mills

#### Coverage Based on Relative Humidity (RH) (ASTM F-2170)

RH 85% or Under – 160 Square Feet Per Gallon  
RH 86% - 90% - 130 Square Feet Per Gallon  
RH 91% - 100% - 100 Square Feet Per Gallon

### SET TIMES

Set Times (Slab Temperature)	35°F.	73°F.	90°F.
Pot Life	50 Minutes	30 Minutes	15 Minutes
Recoat Time	8 Hours	4 Hours	2 Hours
Foot Traffic	15 Hours	6 - 8 Hours	4 Hours
Forklift Traffic	72 Hours	48 Hours	24 Hours
Installation of Adhesive	24 Hours	16 Hours	8 Hours
Full Chemical Resistance*	9 Days	7 Days	5 Days

\* Refer to Chemical Resistance Chart

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