

PRODUCT DATA SHEET

REVISED 1/2014

ARCOR™ EE-79**GENERIC TYPE:** AMINE CURED 100% SOLIDS EPOXY FLOOR LEVELER

DESCRIPTION AND RECOMMENDED USES: ARCOR™ EE-79 is a solvent free, low viscosity floor leveler. It is applied to concrete surfaces where a smooth high gloss finish is needed. Its low viscosity allows the ARCOR™ EE-79 to flow easily, sealing cracks and filling pits. The smooth finish is ideal for application of ARCOR™ and ARCOR™ Topcoats allowing the ARCOR™ EE-79 to be used in a wide array of aggressive concrete environments. Ideal on its own as a general purpose flooring. The addition of ARCOR™ NonSkid gives an excellent non slip surface.

FOR INDUSTRIAL USE ONLY**SPECIFICATION DATA**

TEMPERATURE: Non-Immersion service
Max.120°F (49°C); Spike to 140°F (3 Hrs)

CHEMICAL RESISTANCE:

Water: Excellent
Alkalies: Good
Inorganic Acids: Good
Organic Acids: Fair
Organic Solvents: Fair

ABRASION: Very Good

FLEXIBILITY: Very Good

Compressive Strength: 10,000 psi (ASTM D-695)
Tensile Strength: 6,500 psi (ASTM D-638)
Tensile Elongation: 6%
Bond Strength-Slant Shear: 3,000 psi
(ASTM C-882)

APPLICATIONS: Concrete Flooring, Secondary
Containment, Acid/Caustic Splash Zones, Hazardous
Waste Storage Areas.

SOLIDS BY VOLUME: 100%

VISCOSITY: 700-900 cps @ 75° F

POT LIFE: 30 MIN @ 75°F

MIX RATIO: 3:4 by Volume (Base:Activator)
100 gm: 63 gm by Weight

COLOR: Clear Amber (special order colors available)

SHELF LIFE: 5 Years at 55-95°F (13-35°C)

COVERAGE: 50-150 Ft²/gal (4.5-14 M²) depending
on porosity of substrate

WEIGHT PER GALLON: 9.3 lbs (4.21 KG)

ORDER INFORMATION: To place orders
and/or obtain pricing information contact:

ARCOR Epoxy Inc.
PO Box 273
South Dennis, MA 02660
TEL: 800-878-9593; FAX: 888-878-9593

Manufacturer makes no warranty either expressed or implied including warranties of merchantability or fitness for a particular purpose for this product. Under no circumstances will the manufacturer be liable for incidental, consequential or other damages, breach of warranty, strict liability, or any other theory arising out of use of this product.

APPLICATION SHEET

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SEE MATERIAL SAFETY DATA SHEET BEFORE HANDLING THIS PRODUCT

SURFACE PREPARATION:

Steel surfaces: Not generally recommended.

Concrete surfaces should be degreased if oil and grease contamination is present. Degreased surface shall be high pressure washed, acid etched and high pressure washed again so surface is clean and free of all grease, oils and surface laitance. Sandblasting and/or scarification may be recommended depending on surface. Existing coatings should be abrasive blasted to clean concrete.

MIXING:

Thoroughly mix Activator into Base with drill with low speed paint paddle. Scrape sides and bottom to ensure complete mixing. Mix by Volume 3 parts Base to 4 part Activator or by Weight 100 grams Base to 63 grams Activator. Do not break-down. Mix entire container of base with the entire container of activator.

THINNING: No recommended.

APPLICATION:

Brush: use medium to stiff bristle of sufficient quality that bristles do not pull out and stick in coating. Trim or tape to <1" nap.

Roller: use good quality 1/8" nap, 1/4" on concrete.

Squeegee: use plastic or hard rubber.

APPLICATION TEMPERATURE:

Material: Keep between 55 to 95°F (13 to 35°C). Substrate : Keep between 45 to 105°F (7 to 40°C). The difference in temperature of the substrate and the coating should never exceed 10°F (5°C). Substrate shall be a minimum of 5°F(3°C) above dew point. Do not use below 50°F(8°C).

OVERCOAT / CURE TIME:

By Brush , Roller or Squeegee recoat between 5 to 6 hours at 77°F (25°C).

Full cure in 72 hours @ 72°F.

CLEAN UP: M.E.K. or similar

WARNING: Base contains epoxy resin. Activator contains alkaline amines, a strong sensitizer. May cause skin irritation, sensitization or other allergic responses. Use with good ventilation, particularly if heated or sprayed. Prevent all contact with skin or eyes. Wear protective clothing, goggles, gloves or barrier creams. Keep containers closed when not in use. Wash thoroughly after handling. In case of skin contact immediately wash with soap and water. In case of eye contact, flush with water for 15 minutes. If irritation persists seek medical attention.