

PRODUCT DATA SHEET

REVISED 5/2014

ARCOR™ EE-75

GENERIC TYPE: 100% SOLIDS EPOXY FLOORING; PRIMER, TOPCOAT

DESCRIPTION AND RECOMMENDED USES: **ARCOR™ EE-75** is a solvent free, low viscosity epoxy coating suitable for flooring, particularly in chemically aggressive environments whether acid, caustic or solvent. **ARCOR™ EE-75** produces a tough, chemical resistant coating on all types of concrete substrates, asphalts or steel. As clear a low viscosity epoxy **ARCOR™ EE-75** is suitable for use with broadcast colored quartz flooring.

FOR INDUSTRIAL USE ONLY

SPECIFICATION DATA

TEMPERATURE: Immersion service
200°F(93°C); Spike to 250°F(121°C) (3 Hrs)
Dry 325°F(163°C); Spike to 375°F(191°C) (3 Hrs)

CHEMICAL RESISTANCE:
Water: Excellent
Alkalies: Excellent
Inorganic Acids: Excellent
Organic Acids: Good
Organic Solvents: Excellent

ABRASION: Very Good

FILM THICKNESS: 20 mils(.52 mm)/coat
Exterior: 2 coats, Immersion: 2-3 coats

FLEXIBILITY: Good
Excellent with Fiberglass Mat; 1.5 oz/ft² (.5 KG/M²)

APPLICATIONS:
Aggressive Chemical Secondary
Containment Areas, Industrial Floorings.

SOLIDS BY VOLUME: 100%

VISCOSITY: 1,000-1,500 cps

POT LIFE: 35 MIN @ 72°F

MIX RATIO: 3:2 by Volume (Base:Activator)
100 gm: 59 gm by Weight

COLOR: Clear (not pigmented)

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

COVERAGE: 80 ft²(7.5 M²)/gal/coat(theoretical)

WEIGHT PER GALLON: 9.1 lbs (4.13 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 floor surfaces are to be abrasive blasted with chloride free abrasive to SSPC SP-6 Commercial gray metal finish. Grind flat all burrs, weld seams, radius sharp edges. Fresh blasted surfaces to be primed with 10 mils of **ARCOR™ EE-75** or **EE-79** followed by a 20 mil Topcoat of **ARCOR™ EE-75**.

Concrete floor surfaces should be degreased if oil and grease contamination is present. Grind down all high points and protrusions with coarse aluminum oxide grind disks or scarrifier. Abrasive blast entire surface with open blast or BlasTrac. Hand grind or scarrify all hard to reach areas. Blast should remove all surface laitance, existing coatings and any mastics giving a clean profiled concrete. Prime all areas with 10 mils of **ARCOR™ EE-75** or **EE-79** followed by a 20 mil Topcoat of **ARCOR™ EE-75**.

MIXING:

Thoroughly mix Activator into Base with mixing stick or drill with low speed mixing blade. Mix by Volume 3 parts Base to 2 part Activator or by weight 100 grams base to 59 grams activator.

THINNING: Never thin.**APPLICATION:**

Brush use medium to stiff bristle of sufficient quality that bristles do not pull out and stick in coating.

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

Floor squeegee use hard rubber 'notched'.

Plural Spray use .017-.019 tip, 2,000-2,500 PSI, Heat to 100°F Base, 100°F Activator.

Airless Spray use .017-.021 tip, 2,000-2,500 PSI (Caution: Short Pot-Life)

Conventional Spray: Not Recommended

All spray equipment should employ traps to prevent water and oil from contaminating coating and screens to prevent particulate contamination.

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).

OVERCOAT/CURE TIME:

Brush or Roller recoat between 2 and 14 hours at 77°F (25°C).

Full cure before chemical exposure or high stress; 24 Hours at 77°F. Force Cure: 12 hours at 150°F (66°C); 6 hours at 200°F (93°C).

CLEAN UP: M.E.K., Acetone or similar. In solvent controlled environments Isopropyl Alcohol can be used.

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.