**E4E Product Guide:**

* Polyaspartic: E4E Super Poly, E4E-87 Poly plus Fast & Slow, E4E-87 Eco Poly
  + Description:
    - E4E Super Poly - Low odor Polyaspartic 86% solids is a very low VOC, two components polyurea system designed to maintain the integrity of various surfaces such as concrete, wood, metal etc. It exhibits excellent UV stability as well as good mechanical properties, good chemical and solvent resistance, while showing a very good aesthetic appearance.
    - E4E-87 POLY provides excellent resistance to abrasion and chemical resistance. E4E-87 POLY meets all kinds of requirements such as durability, performance as well as aesthetics. This seamless coating offers an unlimited choice of color, and a smooth or non-slip finish can be achieved using very fine to very aggressive aggregates. This system has been approved by the Canadian Food Inspection Agency (CFIA). It meets LEED standards. ECTR also meets FDA and USDA requirements.
    - E4E-87 ECO POLY can be used as a clear topcoat and as a colored base coat using Universal Pigment Pods. The product offers an attractive combination of long working time (25 minutes\*) and short curing (tack free of 60 minutes or lower\*) allowing the installation of the floor system in a single day as well as a very fast return to service. E4E-87 ECO POLY displays excellent curing capability even at very low temperature levels. This product offers superior mechanical and chemical properties and is low maintenance. It also displays a superior aesthetic finish and excellent UV stability which makes it ideal for interior and exterior applications. We recommend the utilization of Flake Depot Vinyl Chips in combination with E4E products. Two- or three-coat systems can be considered.
  + Advantages:
    - E4E Super Poly:
      * Very low odor
      * Very low VOC
      * UV stable
      * Aesthetic finish
      * Good chemical resistance
      * Good mechanical properties
      * Easy to clean, bacteria and moisture resistant surface
    - E4E-87 Polyaspartic (Including Fast and Slow)
      * Faint odor
      * High solids content, ~85%
      * Non-yellowing
      * Excellent impact and abrasion resistance
      * Easy to use 1A:1B system with common hardener for the
      * base coat and top coat
      * Possibility to install base coat and top coat in a single workday
      * Cures quickly – recommended to obtain best curing at very low temperature levels (below -10°C /14°F)
      * Ideal for exterior applications
      * (SLOW) version offers longer working time of approx. 25 min.
      * Possible to install two- or three-coat systems
      * Easy to install due to the very low viscosity of the product
      * Very long recoat window and pot life
      * Excellent chemical and mechanical resistance
    - E4E-Eco Poly
      * Best Value in the E4E Series
      * Non-yellowing
      * Excellent impact and abrasion resistance
      * Easy to use 1A:1B system
      * High solids content at ~80%
      * Clear top coat, can also be tinted using Universal
        + Pigment Pods for base coat
      * Possibility to install base coat and top coat in a single workday
      * Cures quickly and reacts at very low temperatures (below -10°C /14°F)
      * Ideal for exterior applications
      * Long working time of approx. 25 minutes
      * Possible to install two- or three-coat systems
      * Easy to install due to the very low viscosity of the product
  + Uses:
    - E4E Super Poly:
      * The chemical and mechanical properties of E4E Super Poly provide excellent results for several applications. Note that the smell may not be suitable for all applications depending on tolerance and ventilation.
        + Industrial flooring
        + Bridges
        + Maintenance facilities
        + Aircraft hangar
        + Flooring
        + Car washes
        + Areas needing a resistant flooring topcoat.
    - E4E 87 Poly (Including Fast and Slow)
      * The chemical and mechanical properties of E4E-87 POLY provide excellent results for several applications. Note that the smell may not be suitable for all applications depending on tolerance and ventilation.
        + Garages
        + Other residential applications
        + Commercial centers
        + Office buildings
        + Retail stores
        + Manufacturing facilities
        + Public facilities including hospitals and schools
        + Other commercial uses
    - E4E 87 Eco Poly
      * The chemical and mechanical properties of E4E-87 ECO POLY provide excellent results for several applications. Note that the smell may not be suitable for all applications depending on tolerance and ventilation.
        + Garages
        + Other residential applications
        + Commercial centers
        + Office buildings
        + Retail stores
        + Manufacturing facilities
        + Public facilities including hospitals and schools
        + Other commercial uses
* Vapor Primer Barrier - Normal, Fast, Ultra
  + Description
    - E4E-VPB Normal
      * E4E-VBP is a two-component vapor barrier coating. E4E-VBP is used as a primer and provides better adhesion. E4E-VBP will control moisture vapor emission rates up to 25 lb. /24 hr. /100 square feet all while providing excellent physical and chemical resistance. This coating meets LED standards. E4E-VBP provides excellent resistance to abrasion and chemical resistance. E4E-VBP meets all kinds of requirements such as durability, performance as well as aesthetics. This seamless coating offers an unlimited choice of color, and a smooth or non-slip finish can be achieved using very fine to very aggressive aggregates. This system has been approved by the Canadian Food Inspection Agency (CFIA). It meets LEED standards. ECTR also meets FDA and USDA requirements.
    - E4E-VPB Fast
      * E4E-VBP Fast is a two-component vapor barrier coating. E4E-VBP Fast is used as a primer and provides better adhesion. E4E-VBP Fast will control moisture vapor emission rates up to 25 lb. /24 hr. /100 square feet all while providing excellent physical and chemical resistance. This coating meets LED standards. E4E-VBP Fast provides excellent resistance to abrasion and chemical resistance. E4E-VBP Fast meets all kinds of requirements such as durability, performance as well as aesthetics. This seamless coating offers an unlimited choice of color, and a smooth or non-slip finish can be achieved using very fine to very aggressive aggregates. This system has been approved by the Canadian Food Inspection Agency (CFIA). It meets LEED standards. ECTR also meets FDA and USDA requirements.
    - E4E-VPB Ultra
      * E4E-VBP Ultra is a two-component vapor barrier coating. E4E-VBP Ultra is used as a primer and provides better adhesion. E4E-VBP Ultra will control moisture vapor emission rates up to 25 lb. /24 hr. /100 square feet all while providing excellent physical and chemical resistance. This coating meets LED standards. E4E-VBP Ultra provides excellent resistance to abrasion and chemical resistance. E4E-VBP Ultra meets all kinds of requirements such as durability, performance as well as aesthetics. This seamless coating offers an unlimited choice of color, and a smooth or non-slip finish can be achieved using very fine to very aggressive aggregates. This system has been approved by the Canadian Food Inspection Agency (CFIA). It meets LEED standards. ECTR also meets FDA and USDA requirements.
  + Advantages
    - E4E-VPB Normal
      * Solvent-free, low VOC content, 100% solids
      * Superior water resistance
      * Good chemical and physical resistance
      * Easy to clean
    - E4E-VPB Fast
      * Solvent-free, low VOC content, 100% solids
      * Superior water resistance
      * Good chemical and physical resistance
      * Easy to clean
    - E4E-VPB Ultra
      * Solvent-free, low VOC content, 100% solids
      * Rapid low temp cure
      * High-Gloss & Blush-Free Films
      * Superior water resistance
      * Good chemical and physical resistance
      * Easy to clean
  + Uses
    - E4E-VPB Normal
      * E4E-VBP is formulated as a high solids system for classrooms, laboratories, mechanical rooms, areas of light manufacturing, & where cleanliness and easy maintenance are required.
    - E4E-VPB Fast
      * E4E-VBR FC is formulated as a high solids system for classrooms, laboratories, mechanical rooms, areas of light manufacturing, & where cleanliness and easy maintenance are required.
    - E4E-VPB Ultra
      * E4E-VBR Ultra is formulated as a high solids system for classrooms, laboratories, mechanical rooms, areas of light manufacturing, & where cleanliness and easy maintenance are required.
* Epoxy: E4E-100-S (Including Pre-Tinted), E4E-100 XR, E4E-100 Membrane, E4E-100 Oil Stop, E4E-100 Roadrunner (I don't have yet)
  + Description
    - E4E-100-S
      * E4E-100-S is a 100% solid, two component self-leveling epoxy coating. Monochrome color with opaque and glossy finish, seamless, and a high covering power, it can be used to restore deteriorated floors or protect new floors. E4E-100-S provides excellent resistance to abrasion and chemical resistance. E4E-100-S meets all kinds of requirements such as durability, performance as well as aesthetics. This seamless coating offers an unlimited choice of color, and a smooth or non-slip finish can be achieved using very fine to very aggressive aggregates. This system has been approved by the Canadian Food Inspection Agency (CFIA). It meets LEED standards. ECTR also meets FDA and USDA requirements.
    - E4E-100 XR
      * The E4E-100 XR is a 100% solids two-component (2A:1B) epoxy floor coating system which is virtually VOC-free. This product possesses superior mechanical properties best suited for industrial, commercial and residential applications. It offers a long pot life and working time. The E4E-100 XR has been designed as a topcoat epoxy but is also a self-priming base coat. The E4E-100 XR formulation is based on a high-performance cycloaliphatic polyamine technology displaying outstanding properties and superior aesthetic finish.
    - E4E-100 Membrane
      * E4E-100 Membrane is a two-component epoxy membrane meant for coating wood, balconies, and parking decks. E4E-Membrane provides excellent physical resistance to tearing and protects against water infiltration. This coating has been approved by the Canadian Food Inspection Agency (CFIA), meets LEED standards, FDA and USDA requirements.
    - E4E-100 Oil Stop
      * E4E-Oil-Stop is a two-component solvent-based epoxy coating that exhibits excellent characteristics for coating over petroleum-based oil contaminated concrete. This product allows excellent substrate penetration which results in excellent adhesion and is an ideal primer for the oil contaminated concrete substrate.
    - E4E-100 Road Runner
      * a
    - E4E Counter Top In A Box
      * The Countertop In A Box is a two-component (1A:1B) epoxy system designed for tabletops, countertops and various artwork crafting applications which is VOC-free, 100% solids and is virtually odor free. The product is translucid and displays an excellent resistance to UV irradiation (excellent color retention over time). Best suited to protect or resurface several different surface types such as wood, metals, laminate (Formica), concrete and more. The product is easily cleanable. The Countertop In A Box has a medium viscosity reducing dripping on the edges.
    - E4E Majestic Pour 1
      * The MAJESTIC DEEP POUR 1 is a two-component (3A:1B) epoxy system designed for casting applications providing a crystal-clear, UV resistant premium finish. It offers a quicker curing than the MAJESTIC DEEP POUR 2 for the same pour volume. The product is VOC-free, 100% solids and is virtually odor free. This product can be poured at thick levels (1 inch or more) while keeping a crystal-clear look. Thickness above 1 inch can be achieved depending on the total volume and the shape of the pour. It displays excellent air release and color retention capabilities. It also possesses superior mechanical properties.
  + Advantages
    - E4E-100-S
      * Contains no solvent with a very low VOC content, allowing for interior applications without harmful odors
      * Impermeable and seamless
      * Dense surface resistant to bacteria and moisture and easy to clean
      * Excellent adhesive properties, allowing for application on a wide variety of substrates
      * May apply several layers on itself with excellent adhesion
    - E4E-100 XR
      * Environment friendly (100% solids, VOC-free and no solvent)
      * Potential for LEED eligibility
      * Virtually odor free
      * Easy application with long pot life and working time (60 minutes)
      * Can be used for metallic epoxy systems
      * Superior mechanical and chemical properties suited for the toughest industrial applications
      * Good elongation and excellent abrasion resistance
      * High resistance to amine blush and contamination (fish eyes)
      * Impermeability / low moisture sensitivity
      * High density of the product prevents dirt penetration resulting in low maintenance post application
      * Available in unlimited color range
    - E4E-100 Membrane
      * Contains no solvent with a very low VOC content, allowing for interior applications without harmful odors
      * Impermeable and seamless
      * Flexibility
      * May apply several layers on itself with excellent adhesion
    - E4E-100 Oil Stop
      * Recommended for petroleum oil contaminated substrates. However, this product is not intended for use over vegetable oil, animal fat or synthetic oil contaminated concrete. This product can withstand exposure to many common solvents and chemicals.
    - E4E-100 Road Runner
      * a
    - E4E Counter Top In A Box
      * Offering one of best UV resistance in the industry for a medium viscosity 1:1 epoxy
      * Crystal clear, beautiful surface
      * Environment and health friendly (100% solids, VOC-free and no solvent)
      * Food safe
      * Virtually odor free
      * Easy application with long pot life and working time (50 minutes)
      * Ideal for clear tabletop or metallic epoxy countertop resurfacing systems
      * Good elongation and excellent abrasion resistance
      * High resistance to amine blush and contamination (fish eyes)
      * Excellent for letting out bubbles, even with thick layers
      * Impermeability / low moisture sensitivity
      * High density of the product prevents dirt penetration resulting in low maintenance post application
    - E4E Majestic Pour 1
      * Excellent UV resistance
      * Crystal clear
      * Quicker curing than the MAJESTIC DEEP POUR 2 for the same pour volume
      * Ultra-low viscosity, very nice glossy finish
      * Environment and health friendly (100% solids, VOC-free and no solvent)
      * Food safe
      * Virtually odor free
      * Easy application with ultra-long pot life and working time
      * Ideal for casting, can also be used for small encapsulation applications
      * Good elongation and excellent abrasion resistance
      * High resistance to amine blush and contamination (fisheyes)
      * Excellent for letting out bubbles, even with thick layers
      * Impermeability / low moisture sensitivity
      * High density of the product prevents dirt penetration resulting in low maintenance post application
  + Uses
    - E4E-100-S
      * E4E-100-S provides excellent results for the most demanding applications:
        + Aircraft hangers
        + Assembly areas
        + Classrooms
        + Clean rooms
        + Laboratories
        + Areas of light manufacturing
        + Mechanical rooms
        + Walkways
    - E4E-100 XR
      * E4E-100 XR provides excellent results for the most demanding applications:
        + Industrial, commercial and residential uses
        + Manufacturing facilities
        + Warehouses
        + Commercial centers
        + Office buildings
        + Retail stores
        + Metallic systems
        + Parking garages
        + Food/beverage processing and preparation plants
        + Public facilities including hospitals and schools
        + Pharmaceutical companies
    - E4E-100 Membrane
      * E4E-100 Membrane provides excellent results for the most demanding applications:
      * Parking decks
      * Balconies
      * Mechanical rooms
      * Wood Subfloors
    - E4E-100 Oil Stop
      * Oil Soaked Concrete (Test for Viability)
    - E4E-100 Road Runner
      * E4E-100 Road Runner provides excellent results for the most demanding applications:
        + a
    - E4E Counter Top In A Box
      * The Countertop In A Box provides excellent results for the most demanding applications:
        + River tables
        + Tabletop and countertop top coat
        + Casting top coat
        + Tabletop and countertop resurfacing
        + Furniture
        + Wood crafting
        + Art painting
        + Crystal clear encapsulation
        + Wood, metals, concrete, plastics, fiberglass, paint, granite, laminate (see Laminate/Formica Application section), Artwork, fabrics, etc.
    - E4E Majestic Pour 1
      * The MAJESTIC DEEP POUR 1 provides excellent results for the most demanding applications:
        + River tables
        + Wood crafting
        + Crystal clear encapsulation
        + Bonds to wood, metals, concrete, plastics, fiberglass, paint, granite, laminate (see Laminate/Formica Application section), Artwork, fabrics, etc.
* Repair Products E4E Ur-A-Fill, E4E Gel Patch, E4E Ultra-Fix
  + Description
    - E4e Ur-A-Fill
      * E4E-UR-A-FILL polyurea crack filler is two parts, high penetration, fast setting, hybrid polyurea for repairing and re-building, damaged concrete. The product is a 1:1 ratio, easy to mix system that is 98% solids and VOC compliant. The E4E-UR-A-FILL can be used to set anchor bolts, repair damaged control joints, fill spalling, and rebuild vertical curbing and steps. Sand or gravel can be added to extend the volume of the material and acts as filler for repairing large spalls, holes and cracks.
    - E4E Gel Patch
      * E4E-GEL PATCH is a 100% solids two-component (1A:1B) gel epoxy crack repair which is virtually VOC-free. The product is easy to use and can be applied on horizontal and vertical surfaces. It also offers a long pot life and working time but cures very quickly allowing the installation of the base coat or primer minutes after the application of the EPOXY CRACK FILLER. This product possesses superior mechanical and chemical properties suited for residential, commercial and industrial applications. The formulation is based on a high-performance cycloaliphatic polyamine technology displaying outstanding properties.
    - E4E Ultra-Fix
      * The E4E-Ultra Fix is a two-component aromatic polyurethane crack repair system providing ultra-fast curing. This product has been designed to repair concrete cracks and small holes on horizontal surfaces. It can also be used for below-grade repairs and at very low temperature levels.
  + Advantages
    - E4e Ur-A-Fill
      * Application temperature between -5 C to 38 C
      * Product cures in 10 minutes @ 22 C with excellent adhesion
      * Self-leveling and self-priming
      * Ready to service in 10 to 20 minutes
      * Easy to mix 1:1 ratio by volume
      * Highly chemical resistant
      * Excellent for industrial floor repairs subject to forklift traffic and harsh conditions
    - E4E Gel Patch
      * Environment friendly, 100% solids and VOC-free
      * Virtually odor free
      * Fast curing
      * Compatible with MOST epoxies.
      * Can be used on vertical surfaces
      * Recoat window of 24 hours
      * Maintain its thixotropy even during exothermic reaction
      * Easy application with long pot life and working time
      * Potential for LEED eligibility
    - E4E Ultra-Fix
      * Extremely fast curing, can be grinded after 15-20 minutes
      * Indoor/outdoor applications
      * Cures at very low temperature
      * Low viscosity allows for optimal concrete penetration
      * Possible to mix with silica sand, quartz, Extender T or silica to build up viscosity
  + Uses
    - E4e Ur-A-Fill
      * E4E-Ur-A-Fill is suited for the most demanding applications:
        + Aircraft hangar floors
        + Commercial freezer repairs
        + Aircraft hangar floors
        + Low temperature equipment
        + Maintenance facility floors
        + Industrial shop floors
        + Car washes or wash bays
        + Forming/ rebuilding stairs and steps
        + Leveling and grade matching
        + Bridge/ street repairs
        + Concrete polishing and other coating applications
    - E4E Gel Patch
      * E4E-GEL PATCH is suited for the most demanding applications:
        + Industrial uses
        + Manufacturing facilities and warehouses
        + Commercial centers
        + Office buildings
        + Retail stores
        + Garages
        + Food/beverage processing and preparation plants
        + Public facilities including hospitals and schools
        + Pharmaceutical companies
        + Other commercial uses
    - E4E Ultra-Fix
      * The E4E-Ultra Fix is suited for several applications:
        + Repairing cracks in concrete
        + Filling small holes
        + Repair below-grade structures
        + Cold temperature applications
* Add-On Products:
  + Description:
    - Epoxy Accelerator
      * Accelerator is an industry standard epoxy accelerator. It may be used with most epoxy systems. Chemically it is tris 2,4,6-dimethylaminomethyl phenol. It thus has 3 tertiary amines and a phenolic hydroxyl all in the same molecule and each group functions as an epoxy/amine accelerator. It may also be used to speed up polysulfide and mercaptan cured systems. Care should be taken with its use as it will both speed up cure but also reduce pot life and thus useable working time.
    - Aluminum Oxide
      * Aluminum Oxide is a metallic powder that enhances traction on a resinous system.
  + Advantages:
    - Epoxy Accelerator
      * Excellent shelf-life
      * Low viscosity
      * Excellent for most applications involving epoxy systems.
      * Speeds up cure time
      * Helps in cold weather
      * Usually knocks off 5-6 hours off cure time.
    - Aluminum Oxide
      * Enhances Traction
      * Available in different mesh sizes
  + Uses:
    - Epoxy Accelerator
      * Accelerate 100% Solids Epoxy
    - Aluminum Oxide
      * Traction Enhancer