

KEY URECON

Fact Sheet



KEY URECON is a urethane modified, cementitious floor system capable of being installed from 1/8" to 3/8". A combination of a polymer binder (urethane) and select fillers (cement and aggregate) results in an extremely durable flooring system with many advantages over traditional epoxy flooring systems. Some key advantages include:

THERMAL SHOCK RESISTANCE:

One of the major advantages of KEY URECON floors are their ability to withstand thermal shock. Neither exposure to sudden heat nor to sudden cold will affect the floor system. The service temperature ranges from -20° F to +220° F.

MOISTURE RESISTANCE:

KEY URECON flooring systems are moisture tolerant, withstanding moisture related disbondment up to 95% RH.

PHYSICAL RESISTANCE:

KEY URECON systems offer high impact and wear resistance, tolerating light foot traffic to high fork lift traffic.

CHEMICAL RESISTANCE:

With a variety of topcoats available, KEY URECON floors withstand a wide range of chemicals. From acids to bases, KEY URECON floors can be tailored to your unique chemical requirements.

MICROBIAL / BACTERIAL RESISTANCE:

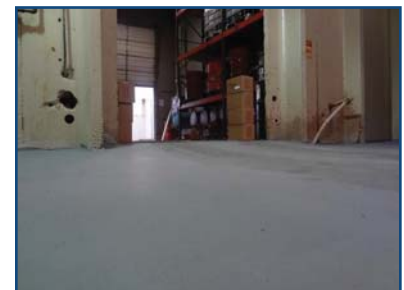
KEY URECON is installed seamless with the ability to incorporate an integral cove base. This monolithic surface is low maintenance and sanitary, resisting microbial/bacterial growth.

EASY AND FAST INSTALLATION:

KEY URECON systems offer ease of installation combined with fast cure times. KEY URECON can be applied directly to concrete without primer and topcoat if needed. It's zero VOC composition allows for minimal odors during installation.

VERSATILITY OF DESIGN:

KEY URECON flooring systems can be easily customized to meet your specific project requirements. From decorative quartz or flake to solid color with varying levels of slip resistance available, these floors can be installed virtually anywhere. KEY URECON systems can also help contribute to your USGBC LEED® credits.



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URECON SYSTEMS

Key Urecon TG - The original Urecon material, URECON TG is a heavy-duty, trowel applied, urethane modified cementitious topping. Applied at thicknesses from 1/4" to 3/8", URECON TG performs exceptionally well in extreme conditions including high temperature shocks, acid/caustic spills, or high impacts commonly found in food processing areas, industrial kitchens, and other heavy duty manufacturing facilities.

Key Urecon SLT - URECON SLT is a 3/16"-1/4" moisture vapor tolerant polymer flooring system consisting of the Urecon SL, a urethane/cementitious self-leveling slurry with a broadcast quartz aggregate finish. Finished with a pigmented or clear sealer coat, this durable heavy-duty system reduces porosity and produces a dense, non-skid sanitary finish that is chemically resistant and minimizes bacterial growth, dirt and build-up.

Key Urecon 16 - URECON 16 is a 100% solids urethane modified cementitious self-leveling slurry. The seamless smooth finish topping is applied at 1/16" to 1/8" or broadcast with aggregate and sealed to yield 1/8" to 3/16" with a textured non-slip finish. URECON 16 is ideal for light to medium duty traffic areas in manufacturing, food processing areas and numerous other applications.

Key Urecon SC and Ultracon SC - Utilizing the same outstanding urethane modified cementitious formula as the other Urecon products, the URECON and Ultracon SC are ideal as a topcoat to provide maximum benefit of your Urecon system.

TYPICAL APPLICATIONS

- Commercial and Industrial Kitchen Areas
- Food Processing
- Manufacturing Areas
- Corridors and Lobbies
- Toilet, Locker, and Shower Rooms
- Cafeterias and Serveries
- Pharmaceutical and Laboratories
- Correctional and Healthcare Facilities
- Distilleries & Bottling/Packaging Facilities
- Areas with high demands on chemical, thermal, and mechanical resistance of the floor coating.

Key Resin Company is an established leader in the polymer flooring industry. As an independently owned firm with manufacturing facilities in Arizona and Ohio, Key Resin manufactures and formulates resinous flooring systems, epoxy terrazzo, floor and wall coatings, and moisture mitigation systems.

RESINOUS FLOORING & WALL COATINGS, EPOXY TERRAZZO, and MOISTURE MITIGATION PRODUCTS