

## CTU Online Anytime Module 3.3 – Epoxy Grouts

---

### Key Takeaways

- Epoxy grouts should be used instead of cement grouts when the following conditions exist:
  - High temperature cleaning
  - Harsh chemical exposure
  - Acidic environments
  - Harsh cleansers
- The ANSI standard for epoxy is A118.3. It specifies the material must be:
  - Water cleanable
  - Chemically resistant
  - Shear bond to quarry tile > 1,000 psi
- Custom Building Products' CEG-Lite™ is an ideal commercial grade epoxy
  - Exceeds ANSI A118.3
  - 100% solids epoxy
  - Fast cure time
  - Lightweight formulation is non-sag and non-slump
  - Easier to clean than other epoxy grouts and contributes to LEED certification
- Common locations for epoxy grout include:
  - Industrial plants
  - Commercial kitchens
  - Institutional environments
  - Hospitals
  - Some residential
- Epoxy grout exhibits high performance attributes
- Possible to use with glass tile but must check with glass tile manufacturer before using epoxy grout
- Challenging applications suitable for epoxy:
  - Food and beverage spills that might not be cleaned up
  - Acids (destroys grout and tile)
  - Hot grease
  - Aggressive cleaners
- Custom Building Products' CEG-IG Industrial Grade Epoxy is formulated for harsh commercial environments
  - Exceeds A118.3 & A118.5 (Furan)

- 100% solids
- Improved resistance to chemicals, stains and heat for industrial applications