RISING TO THE CHALLENGE

TURN TO FLOOR TECHNOLOGIES TO FINISH HIGH-RISE FLOOR TRANSITIONS FASTER AND KEEP YOUR PROJECT ON THE FAST TRACK.

Traditional methods of bringing hallways and other floors up to level with surrounding floor goods can be tedious, delaying other subtrades, which adds time and cost to any high-rise project. Floor Technologies’ fast-drying, pumpable underlayment and expert installation crews offer the ideal solution to keep your schedule on the fast track.

- Fast-drying Gyp-Crete® Underlayment backed by the technical expertise of Maxxon® Corporation
- Can be pumped 40+ stories
- Finish projects faster by enabling a 24 hour construction cycle
- Walkable just 2-4 hours after pouring, so other trades can resume work the next morning
- Finish 1–3 floors overnight
- Cost and labor-efficient alternative to plywood or barrel-mixed concrete leveling/ramping
- Contributes to meeting UL Fire Designs, as well as added sound control
- Expert installation by experienced crews
In high-rise construction, transitions between varying heights of finished floor goods are generally tackled in one of two ways:

- Plywood leveling and ramping
  - Slow, labor intensive process
  - Difficult to achieve accuracy
  - Tedious process can be costly
- Barrel mixed concrete leveling and ramping
  - Clumsy to place
  - High cost
  - Lengthy dry time – 28 days or more

An alternative to these methods is to install a high-strength pumpable underlayment. Underlayments not only block flame spread, making them a vital component in many UL Fire Designs, but they also have the ability to be poured to a specific height with accuracy and speed.

It takes a special, highly experienced applicator with specific high-rise pumping and floor leveling expertise to accurately complete a high-rise underlayment installation. The underlayment is mixed on the job site with water and sand and then pumped through a hose into the building. The crew systematically moves through the space applying the product to the specified depth while simultaneously finishing it to provide a flat, consistent finish. Where it may take days to complete plywood installation on a single floor, an underlayment can cover several floors in a single day, saving a tremendous amount of time as well as labor costs. Additionally, pumped underlayments are generally hard enough to walk on within two to four hours after the pour thus allowing other trades to resume work quickly. An underlayment will be ready for finished floor goods in a few days depending on the thickness of the pour, allowing for finished floor goods installation in a fraction of the time.

Projects of this scope highlight the importance of working with knowledgeable and experienced professionals. The process of installing an underlayment consistently in high-rise construction is completed through a series of tweaks made with each shift vertically. Understanding the process and setting realistic expectations is a vital first step to the successful completion of a high-rise underlayment project.

For more information, visit www.maxxon.com/highrise