

Comparison Analysis

Polished Concrete vs. Other Flooring

Characteristics	Dry-Shake	Epoxy Resin	Polished Concrete
Hardness	Very hard, Mohs Scale Hardness ≥ 7	Poor in Hardness	Very hard, Mohs Scale Hardness ≥ 8
Abrasion resistance	Good abrasion resistance	Easily subject to scratch, wear and tear	High abrasion and scratch resistance
Liquid & Stain Resistance	Not resistance to liquid or stain	High resistance to liquid and stain	Good resistance to liquid and stain
Moisture Sensitivity	Not affected by moisture in substrate	Moisture from substrate leads to coating delamination	Not affected by moisture in substrate
Application	Must be applied during casting of concrete	Apply only when substrate is fully dried, takes longer time to apply	Can be easily applied on new or old concrete
Curing Time	Total curing time is 28 days, but floor can be used after 7 days normally	Curing time is 7 days but at least 3 days to cure before traffic	Foot traffic after 1 hour, floor, floor can be used after 12 hours, fully cured in 7 days
Dusting	Some dusting	Dust free seamless floor	Dust free but not seamless
Durability	Very durable, over 10 years service life	Easy damaged and wear off, need to re-coat every 3-5 years	Outlast most of other products, over 15 years service life
Maintenance	Requires periodic maintenance such as waxing in high traffic areas	Requires regular cleaning and dust free environment to protect surface	Easy housekeeping, no waxing required
Cleaning	Stain, tire marks, contamination are hard to remove	Easy to clean stain, but hard to remove tire marks	Stain, tire marks, if any, are easy to remove