

Feature	Our SPC Flooring	Typical SPC Flooring
Core Composition	Mineral-rich SPC core with less plastic and virgin raw materials	Plastic-heavy SPC core, often with recycled plastics/fillers
Wear Layer	Quantum X™ Diamond-Infused Wear Layer → unmatched scratch, dent & stain resistance	Aluminum oxide, ceramic beads, or quartz (weaker on Mohs scale)
Temperature Resistance	ClimateGuard™ Core withstands -17°F to 176°F	Narrow range: typically 55°F to 100°F
Indoor Air Quality	Zero VOCs → no harmful off-gassing	Low-VOC or standard VOCs (still emit chemicals)
Finish Realism	AuthenTex™ Finish (Embossed-in-Register) perfectly follows wood grain + slip resistant	Random embossing or smooth finish, less realistic & slippery
Locking System	Modified click lock (patented tooling) → faster installs, stronger locks	Standard lock prone to gaps/breakage
Underlayment	IXPE pad built-in → sound reduction, shock absorption, moisture protection	Underlayment sold separately, adds cost & time
Durability	Rated for heavy commercial use	Often only residential or light commercial
Materials & Process	German UV paints, Italian press plates, Belgian hardening → premium global tech	Generic materials, inconsistent quality