

SILIKAT FLOOR

APPLICATION SYSTEM :

- **Dust Free Floor System :**
 - **PENETRAN : SKF - 201-1K WB**
- **Heavy Duty Floor System :**
 - **PENETRAN : SKF - 201-1K WB**
 - **TOPPING : SKF - 203-1K WB**



HOW TO MAKE YOUR GREEN CONCRETE FLOOR SHINE AND FREE FROM DUST



Do you have problems with your concrete floor ? Is it dusty? Easy to wear off? Or not impact resistant ? It can affect your operational business and waste your money on repairing.

PROPAN with updated technology in liquid hardener / densifier system can provide solution for this problems.

PROPAN - Liquid Hardener / Densifier System uses lithium silicate material, which can react directly with cement on concrete floor.

It does not form a layer on top of the concrete floor, but it penetrates to the concrete pores and form a chemical reaction with cement, it make the concrete become hardened, abrasion resistance, dust free and shiny. The room will become brighter because the floor can give light reflective. However, the floor is not slippery. This system can be applied for old or new concrete. It is suitable for industrial, warehouse, car park, shopping mall, cafe/restaurant, airport, etc. It looks natural as natural.

THE FUNCTION OF LIQUID HARDENER / DENSIFIER

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|------------------------|--|
| LIQUID HARDENER | : Hardening the concrete surface become abrasion and scratch resistance |
| DENSIFIER | : Densifying the concrete as the concrete pores become smaller |
| DUST PROOFER | : The floor has no more dust as Ca(OH)_2 which is the excess from concrete / cement has been reacted with Lithium Silicate Polymer. |

SILIFICATION REACTION OF LIQUID HARDENER

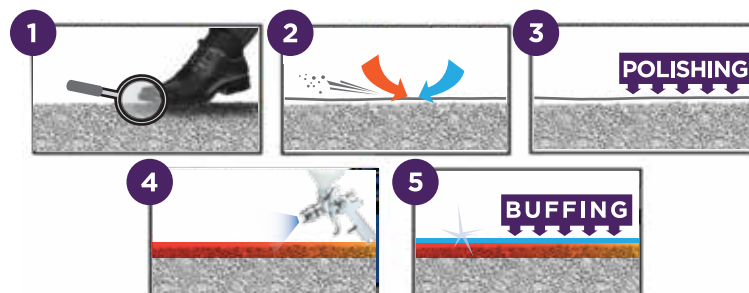


DRY-SHAKE FLOOR HARDENER (POWDER FLOOR HARDENER) VS LIQUID FLOOR HARDENER/DENSIFIER

CHARACTERISTIC	DRY-SHAKE FLOOR HARDENER (POWDER FLOOR HARDENER)	LIQUID FLOOR HARDENER/DENSIFIER
Appearance	Non-uniform finish look	More uniform finish look (if the concrete quality is good & polished)
Hardness	Very hard	Very hard
Abrasion Resistance	Good abrasion resistance	Good abrasion resistance and scratch resistance
Liquid & Stain Resistance	Not resistant to liquid or stain	Good resistance to liquid & stain
Application	Must be applied during casting of concrete	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	Floor can be used after 24 hours, Fully dry in 7 days
Dusting	Some dusting	Dust free
Maintenance	Requires periodic maintenance such as waxing in high traffic areas	Easy to maintenance, no waxing required
Cleaning	Stain, tyre marks, contamination are hard to remove	Stain, tyre marks, contamination are easy to remove

LIQUID HARDENER / DENSIFIER TECHNOLOGY

APPLICATION FOR POLISHED CONCRETE



- 1 If you look very closely at your concrete floor, they're not flat, they have cracks & volleys
- 2 More wear on movement, wear causes particles that become dust
- 3 We grind or "cut" the surface down in millimeters
- 4 We apply the concrete reactive stabilizer enhancing density and hardener and sealing the pores
- 5 Finally we buff the concrete until we get the desired shine and beauty

PACKAGING : 5 Lt & 20 Lt