



InduraFloor

HIGH PERFORMANCE COMMERCIAL KITCHEN COATING

Description:

InduraFloor is a revolutionary, 100% solids, high performance system formulated to be applied directly over quarry tile and oily concrete. This means that the costly and time intensive removal or grinding and repair is completely avoided and with the use of our topcoat, a smooth or textured water-proof finish can be achieved as quickly as overnight.

Our system forms an impenetrable barrier that is resistant to chemicals, sewage, and water. Our formulation is designed to not only be extremely tough with hydrolytic stability and low permeability, but best of all we adhere to all USDA requirements for incidental food contact.

Unique Qualities:

- Minimal preparation: sweep and pick up dry particulates and cleanse surface with Dawn brand detergent
- Adhesion so strong, tile will break before loss of adhesion occurs
- Tack-free and ready for topcoat in 6 hours (3 hours by using accelerator)
- Simple squeegee and/or roller application technique allow installation to be performed by experts or novices
 - In many cases, installation can be performed by in-house staff

Advantages:

- LOWEST COST solution
- Most work completed overnight
- No need to close the business and lose many days of sales

Ideal Use Cases:

- Quarry tile floors, particularly in commercial kitchens
- Oily concrete floors in commercial kitchens, auto repair shops, factories, warehouses, etc.
- Any difficult to bond floor



Test Data:

TEST	TEST METHOD	LATICRETE SILVER 252	LATICRETE PLATINUM 254	INDURA FLOOR BASE PRIMER
Porcelain Tile Shear Strength	ANSI A118 4-7.2.5	250 - 350 psi	475 - 575 psi	>800 psi (porcelain broke)
Porcelain Tile Shear Strength, Water Immersion	ANSI A118.157.2.4	175 - 200 psi	250 - 300 psi	>800 psi (porcelain broke)
Quarry Tile to Plywood	ANSI A118.11-4.1.2	150 - 170 psi	250 - 300 psi	>350 (plywood broke)
Tensile Adhesive Strength	ISO 13007-2.4.4.2	-	261 - 377 psi	850 psi

Surface Preparation:

You'll need a few supplies to prepare your Tile/Surfaces for InduraFloor application, so make sure you have the following:

- Broom and dust pan
- Bucket and deck scrubber brush
- Dawn brand detergent

1. CLEAN. Remove debris and particulates and then clean floor with Dawn detergent.
2. RINSE.
3. DRY. Use a blower or reverse vacuum cleaner.
4. REPAIR. Fill cracks, holes, and worn-out grout with repair filler.
5. Floor is now ready for InduraFloor Installation.

Cold Temperature Caution:

- Product temperature must be kept between 55°F - 86°F (13°C - 30°C) for 24 hours preceding application.
- Surface and ambient temperature during application and curing must be between 55°F - 86°F (13°C - 30°C).



Application:

- Pour Part A and Part B into a mixing bucket.
We suggest using a plastic liner which will be discarded after each mix. Mixing Ratio is 1:1.
- Add 5 to 15% acetone by weight or volume for easy application and increased coverage.
- Induction Period. After mixing, allow the mixed coating to sit for 5 minutes before applying.
- Pour coating onto the floor surface. Spread with squeegee or roller.
Then backroll with a roller to obtain a smooth and even surface.
Recommend short nap roller (1/4" to 3/8"). Film thickness should be 200-250µm.
- Working time (pot life) is 30 minutes.
- Tack-free in 6 hours.
- Apply topcoat between 6 and 24 hours after installation of **InduraFloor**.
 - If faster cure is desired, add 1% accelerator to the mixing process. Tack-free time is approximately 3 hours. CAUTION: Working time will be shorter.
 - Clean up with solvents such as acetone or lacquer thinner.

General Data:

VOC	None
Color	Grey
Odor	Mild epoxy
Density	1.3
Viscosity	5,800 CPS
Adhesion	>1,000 psi
Area Coverage	100 square feet per gallon (200 µm thickness)
Tack-free Time	6 hours (3 hours with accelerator)
Working Time (Pot Life)	40 minutes
Flash Point	>302°F (150°C)

Packaging:

5 gallon plastic pails

Shelf Life:

2 years unopened under good storage conditions

Disclaimer:

This information is presented to the best of our knowledge at the date of publication. It is offered without warranty, both express and implied, regarding the accuracy or the results to be obtained from the use of such information and is intended for use by persons who are experienced and knowledgeable.