



# LayHard Quartz

## Quartz Floor Hardener

**PRODUCT DESCRIPTION:** LayHard Quartz is a specially graded non-metallic Quartz aggregates used to provide heavy duty, non-slip and durable floor finish. It is an effective floor hardener that is highly resistant to abrasion.

**USES:** LayHard Quartz is embedded in fresh concrete surfaces to provide hard, non-dusting concrete floors. It provides resistance to acids, oils and grease. It is used primarily in industrial floors, warehouses, parking lots, garages and workshops.

**ADVANTAGES:** LayHard Quartz aggregates are very hard and offer high resistance to abrasion caused by heavy traffic, vehicle and forklift movements. On slope and ramps, LayHard Quartz offers excellent anti-slip resistance.

**LIMITATIONS:** LayHard Quartz can only be used on fresh wet concrete. Subsequent coating with epoxy or polyurethane coating is possible.

**APPLICABLE STANDARDS:** ASTM 779

**PACKAGING:** Packaged in 20 kg bags.

**COLOR:** Off White.

**TECHNICAL DATA:** LayHard Quartz does not require the use of primer or surface conditioner.

### Coverage

Light Traffic: 3 kg per squared meter

Moderate Traffic: 5 kg per squared meter

Heavy Traffic: 7 kg per squared meter

### INSTALLATION:

**Surface Preparation:** Place concrete and consolidate level of slab with bull float and remove excess water with burlap.

**Application:** LayHard Quartz is applied by Shake method over concrete surface. Start with the first shake at 2/3 the total quantity and sprinkle evenly across the surface. Always start on the surfaces closest to walls and columns. Continue floating until moisture is brought up enough to enable the hardener sink slightly into the surface. Apply the second shake at right angle to the first shake and continue floating until the second shake is embedded.

Allow concrete to stiffen then trowel to a smooth finish. Final concrete surface hardness develops in 28 days.

*Email: [laymaster@laymaster.net](mailto:laymaster@laymaster.net)*

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