

Epoxy

# QUARTIZITE

## Epoxy Broad cast Floor System



### General Properties:

- **QUARTIZITE** is a multilayer solvent free epoxy floor system.
- Applied in two or more coats with quartz particles in-between.
- Anti-sliding floor surface.
- Broad cast system that can be supplied in different colors.

### Uses:

- For substrata exposed to medium traffic e.g. receiving areas, service areas, machinery rooms, stores, industrial area, and garages.
- As an anti-sliding floor ex: wet areas, garage ramps, pool area, etc

### Application:

1. Clean the substrate and remove oil, grease or any foreign materials.
2. Remove any weak parts in the substrate.
3. Wear gloves & eye goggles before working and be sure of good ventilation.
4. Apply the appropriate primer **EPICHOR 101P**, **EPICHOR 701P**, or **EPICHOR MC** (depending on the substrate condition)
5. Prepare the surface with epoxy paste if needed, recommended **EPASTE**.
6. Add the resin to hardener in a suitable container and mix well **TONCRETE** colored epoxy.
7. Using a brush or woolen roller, paint the first coat **TONCRETE**.
8. Directly start sprinkling quartz aggregates over the applied wet epoxy coat until it is completely covered and till no wet spots appear. (consumption approx. 3kg for each one m<sup>2</sup>)
9. On the next day, remove all extra quartz.
10. Apply the second coat of **TONCRETE** brush or woolen roller.
11. Steps 7, 8, 9 & 10 can be repeated according to the required thickness one coat per day.
12. Clean tools using solvent ex.: Thinner.

**Note:** **QUARTIZITE** system can be applied using: **TONCRETE** or **TONCRETE 701** or **KELMAR** or **POXYCRETE**

### Consumption: (For thickness from 1.0 - 1.5 mm) / m<sup>2</sup>

- **PRIMER:** 0.2 – 0.25 Kg / m<sup>2</sup> according to choice of primer as well as the status of the substrate.
- **QUARTIZITE system:**
  - First coat **TONCRETE** : 0.250 Kg / m<sup>2</sup> - Quartz 0.6 mm : 3.000 Kg / m<sup>2</sup>
  - Second coat **TONCRETE** : 0.350 Kg / m<sup>2</sup>
  - Third coat **TONCRETE** : 0.300 Kg / m<sup>2</sup> if required

**Note:** Whenever higher elasticity is required, The **QUARTIZITE** system can be applied using **KELMAR** (black in color)

### Technical Data: (in case **Tonecrete** is used)

Initial Curing Time	: After 24 hours of mixing.
Final Curing Time	: After 7 days at ambient temperature.
Pot Life	: 30 min. at 24°C
Bond Strength	: 6 N / mm <sup>2</sup> to mild steel
Chemical Resistance	: Excellent resistance against water, alkalis, inorganic acids; poor against ketenes and Glycol ethers. Nitric acid oxidizes colors.
Shelf Life	: 18 months in closed container away from sunlight, heat and humidity

**Environment:** - Boots, rubber gloves, dust masks, and safety goggles. REF TO (MSDS).

**For more information please contact our technical department**

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