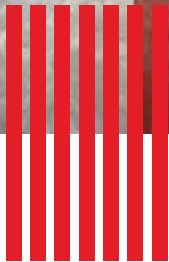




# QUARTSTONE

WATER RESISTANT INDUSTRIAL FLOORING SLABS



Q U A R T S T O N E



## ABOUT QUARTSTONE



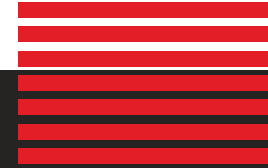


## ABOUT QUARTSTONE



"Quartstone" Sintered Pre Cast slabs are made by using an unique high pressure SINTERING process which is first of its kind in India. Raw material is mostly consists of natural minerals like quartz, dolomite eco sand.





DEMANDING SITUATION IN AN INDUSTRY  
AND PUBLIC SPACE





## DEMANDING SITUATION IN AN INDUSTRY AND PUBLIC SPACE

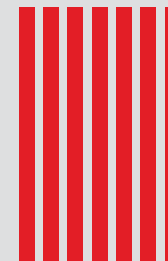
Use of forklifts, heavy machines with vibration, extreme temperatures, occasional spillage of liquids, oil or acids, continuous heavy pedestrian and hard wheeled trolley traffic is the life and most demanding situation in an industry. As such especially in public spaces, a floor is fully exposed at all times to high traffic footfalls.

As such, very low water absorption of the slabs, of course lowest of its kind in the industry, are most ideally suit to industrial wet floors application like service stations, dairy, fish processing units, cold rooms, meat processing units.

"Quartstone" meets such a most demanding situation in industry and public spaces.



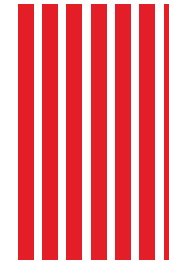
## FACTS AND FEATURES





## FACTS AND FEATURES

- Very High Load Bearing Capacity
- Compressive Strength Several Times Higher Than That Of Reinforced Concrete
- Anti Skid Matt Finish Slabs Ensures Safety Of Workers In Industry And People In Public Space
- Seamless Joint Free Laying Recommended
- High Abrasion Resistance
- Easy To Repalce Individual Slabs
- High Impact Strength
- Resistance to salt water more than 10000 TDS
- High Density, Extra Strength And An Excellent Dimensional Stability
- High Resistance to Fire
- Very Low Water Absorption Ensures Compatibility To Wet Floors
- High Impact Strength
- Resistance to oil and acids



## PHYSICAL PROPERTIES

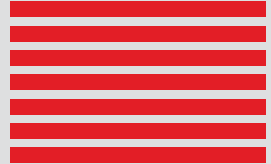




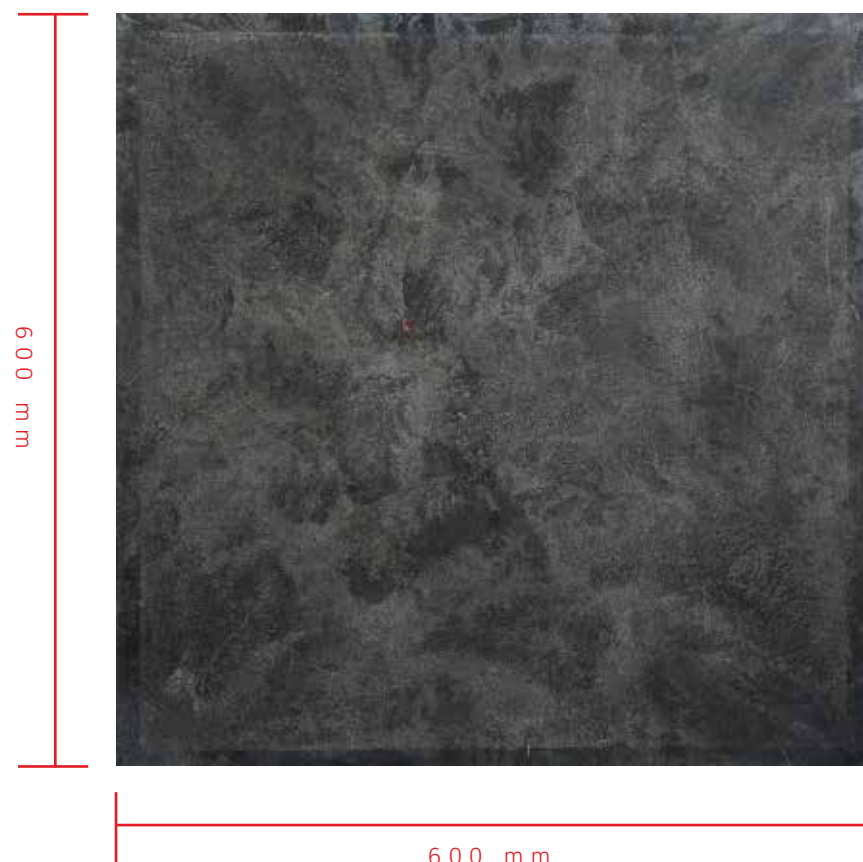
| C H A R A C T E R I S T I C S       | Q U A R T S T O N E   | T E S T M E T H O D             |
|-------------------------------------|---|---------------------------------|
| Concentrated / Point Load           | 33.0 KN   | IS 1237 - 2012                  |
| Uniform Load                        | 374 KN  | IS 1121 – Part I                |
| Uniform Strength                    | 4.15 N / Sq.mm  | IS 1121 – Part I                |
| Ultimate Load                       | 47.9 KN   |                                 |
| Impact Load                         | 560   | Energy Observed in Joules       |
| Compressive Strength                | 85 N / Sq.mm  | IS 516 – 1959 (Reaffirmed 2008) |
| Mass                                | 0.422 kg  | IS 516 – 1959 (Reaffirmed 2008) |
| Breaking Load                       | 1900 KN   | IS 516 – 1959 (Reaffirmed 2008) |
| Breaking Strength                   | 6051 N  | IS 13630 (Part-6) 2006          |
| Flexural Strength                   | 10.1 N / Sq.mm  | IS 13630 (Part-6) 2006          |
| Water Absorption                    | < 0.30 %  |                                 |
| Bulk Density                        | 1545 kg / Cu.m  |                                 |
| Slipperiness                        | Antiskid with Co-efficient of Friction > 0.6                    |                                 |
| Finish                              | Matt Finish   |                                 |
| Acid-Alkali Resistance              | Resistant to Acids & Alkali                                     |                                 |
| Shear Resistance                    | High  |                                 |
| Resistance To Heavy Duty Hard Wheel | High  |                                 |
| Surface Abrasion Resistance         | High Abrasion Resistance. Deep Abrasion Volume Loss < 144 cu.mm |                                 |
| Scratch Hardness (Mohs)             | High Mohs Hardness > 7  |                                 |

## SIZE AND PACKAGING

| SIZE         | THICKNESS | AVG.WT PER SLAB (KG) | FINISH        | COLORS  |
|--------------|-----------|----------------------|---------------|---|
| 600 x 600 mm | 30 mm     | 19 kg                | Designer Matt | Light Grey, Teracotta Red,<br>Carbon Black, Raw Plain |



## SIZE AND PACKAGING



## COLORS

Light  
Grey



Teracotta  
Red



Raw  
Plain



Carbon  
Black



Designer  
MattFinish

## EASY INSTALLATION

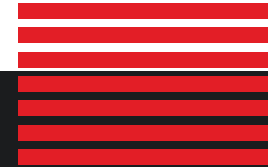


## EASY INSTALLATION

- ■ The dimensional accuracy and stability of Quartstone Sintered Pre Cast slabs make installation quick and effortless with possible seamless construction of slabs. Thanks to slabs high density and extra strength, the slabs do not break during installation.



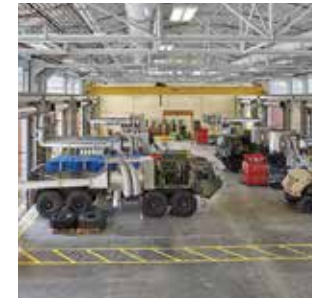




## APPLICATION

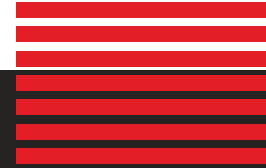


## APPLICATION



Recommended for heavy use areas such as

- Industrial Factories
- Workshops
- Cold Rooms
- Power Stations
- Produce Markets
- Textile Spinning Mills
- Warehouses
- Ramps
- Meat Processing units
- Dairies
- High Pedestrian Traffic Areas
- High Forklift Traffic Areas
- Bakeries
- Loading Bays
- Ablution Blocks
- Military Tank Maintenance Bays
- Production Engineering Areas
- Airport Terminals



## FIRE TEST



## FIRE TEST





## SALT WATER TEST





## SALT WATER TEST



## LOAD TEST



## LOAD TEST



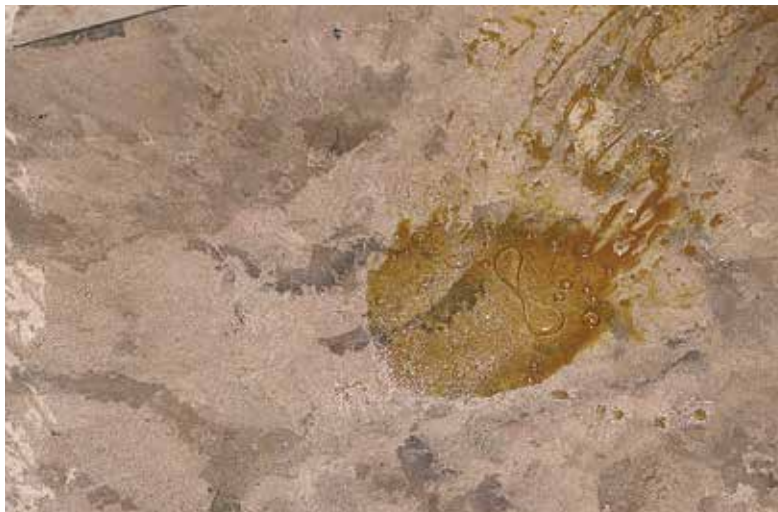


## OIL CHECK

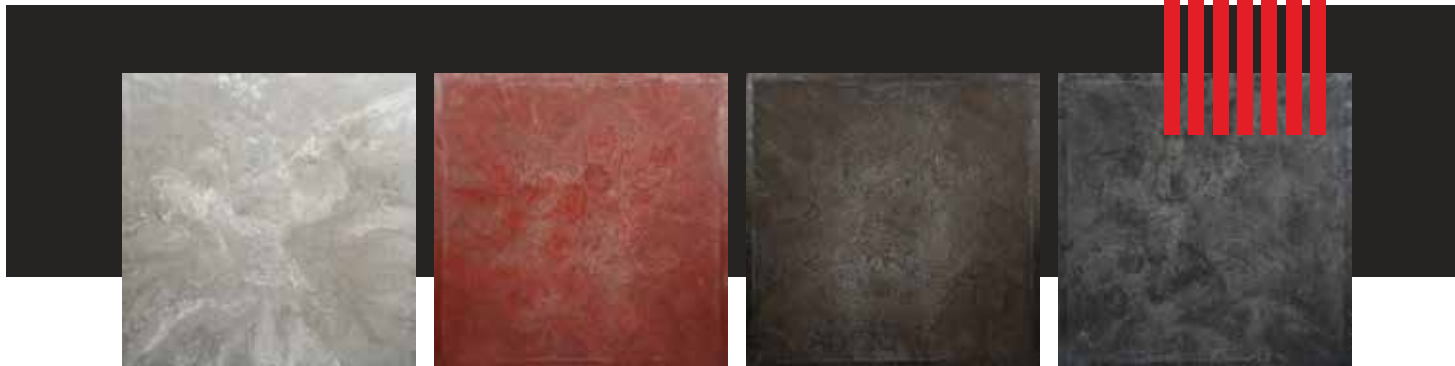




## OIL CHECK







Q U A R T S T O N E

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Coimbatore - 641 004

## TRADE PARTNERS

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