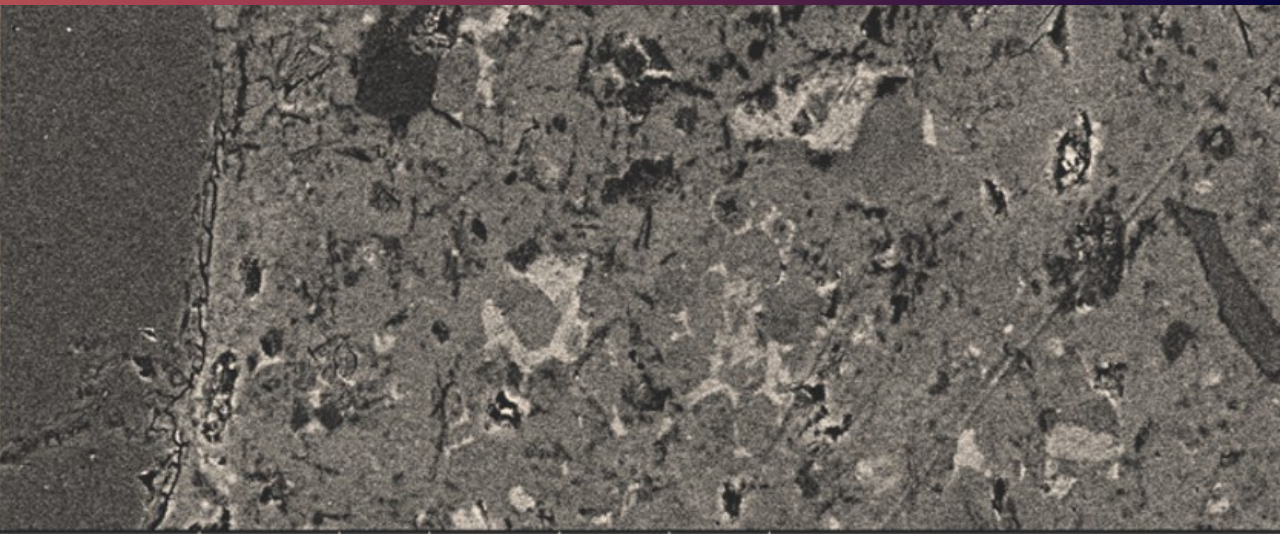
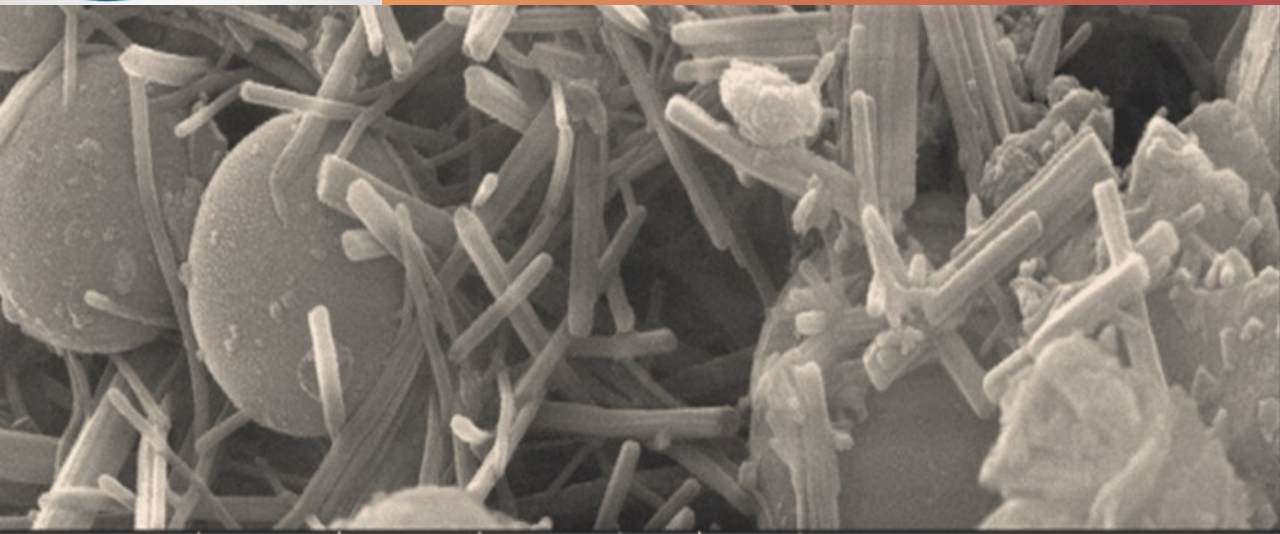


SATIQ CONCRETE MANUFACTURER PVT. LTD.



STRUCTURAL CONCRETE AND MICRO-CONCRETE

OFFERING 1

GREEN CONCRETE FOR STRUCTURAL PURPOSE



	Rapid strength Ordinary Portland Cement Concrete	Rapid strength Portland pozzolana Cement Concrete - SatiQ	Rapid strength Slag Cement Concrete - SatiQ	Rapid strength Composite Cement concrete - SatiQ	Rapid strength (Limestone calcined clay cement concrete - SatiQ
Market Presence in India	Present Practice		Been used in India since the early 2010s	Been used in India since the early 2010s	Is yet to be used in large scale buildings
Carbon footprint	Highest CO2 emission	20% lesser than OPC	30-50% lesser than OPC	50 to 60% lesser than OPC	30-40% lesser than OPC
Content	96% Clinker + 4% Gypsum	60-80% Clinker + 15-25% fly ash + 5% Gypsum	45-50% Clinker + 45-50% Slag + 3-5% Gypsum	30-50% Clinker + 40-60% Slag and fly ash combination + 3-5% Gypsum	50% Clinker + 30% Calcined Clay + 15% unburnt limestone + 5% Gypsum
24 hour compressive strength (MPa)	>20	>15	>20	>25	>20
Grade of concrete	M35 to M50	M35 to M45	M35 to M50	M30 to M50	M35 to M50
28 day flexure strength (MPa)	>4.5	>4.5	>4.5	>4.5	>4.5
28 day split tensile strength (MPa)	>3	>3	>3.5	>3	>3.5
Rapid Chloride Penetration test results	Very Low	Low	Very Low	Low	Very Low

Super Durable for Coastal Areas + 90% strength in 7 days
45% less cement



0 slump – Rheology modified



Self compacting concrete – Rheology modified



30 MPa in 24 hours



70% Alternatives + 30% Cement



3D printed concrete – Rheology modified



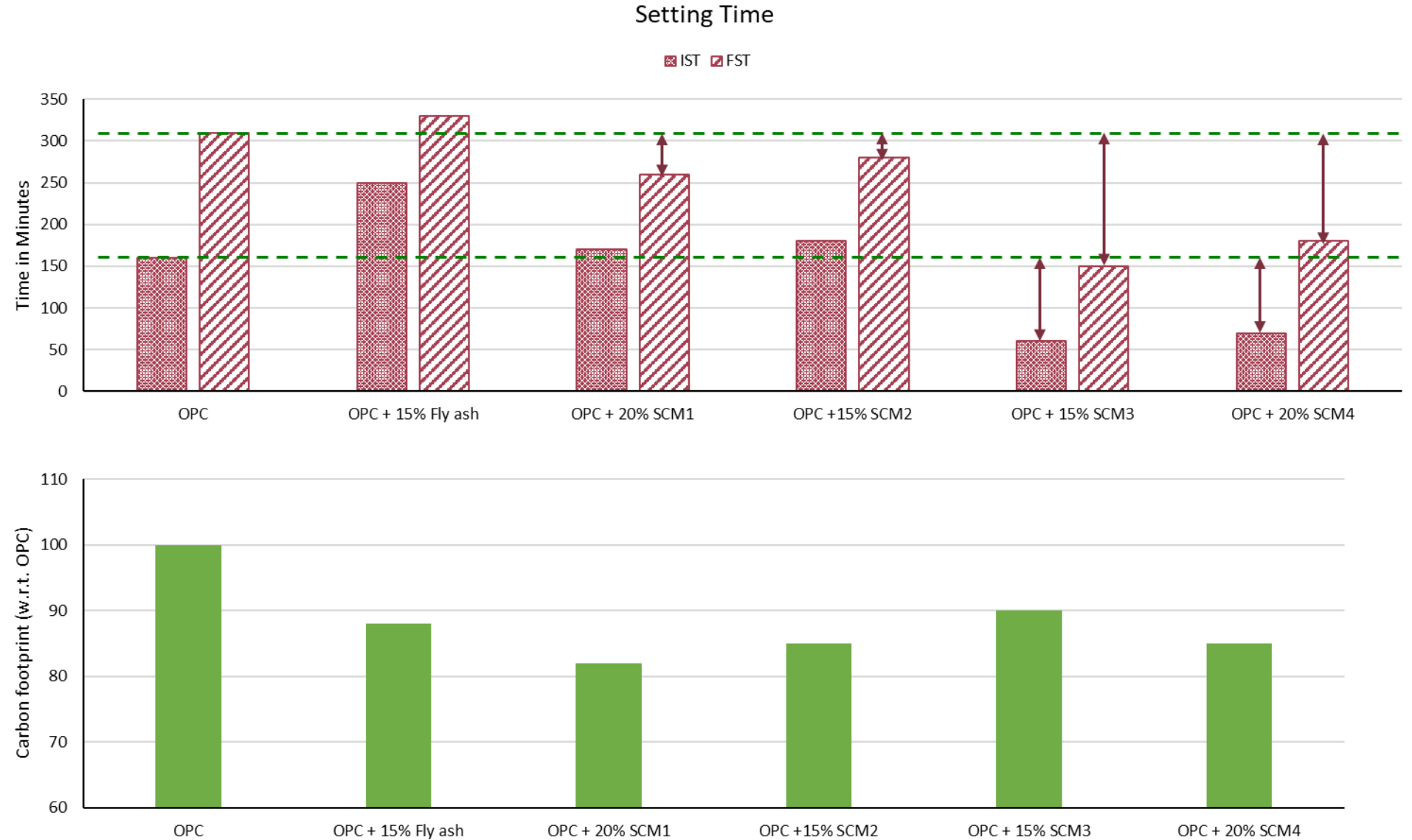
Enhanced Ductility – Fiber reinforced



GREEN MATERIALS AND ADDITIVES

OFFERING 2

SATIQ QUICKSET GREEN ADDITIVE



LIGHTWEIGHT CONCRETE

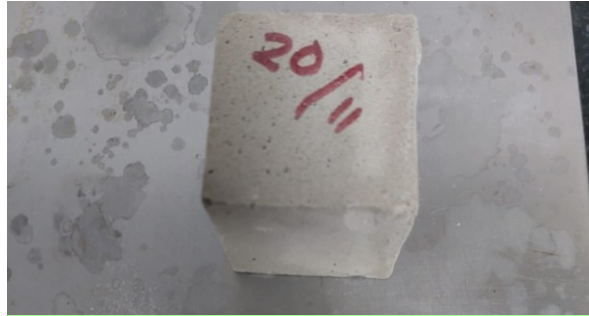
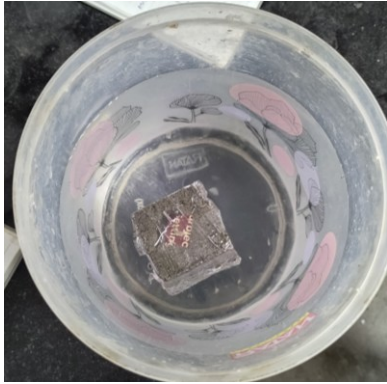
OFFERING 3



SATIQ LIGHTWEIGHT CONCRETE



Density – 500 - 1200 kg/m³
Strength - 5 - 10 MPa
No foam or Autoclave



**High Volume Fly ash
(OPC: Fly ash = 1:4)
Density - 1600 kg/m³
Strength - 15 MPa**



**Density – 1800 - 2000
kg/m³**
Strength - 30 - 40 MPa

- ✓ Density from 500 to 1500 kg/m³
- ✓ 3 to 30 MPa Compressive Strength
- ✓ Available as 'Fair-faced concrete'
- ✓ Perfect for interior applications
- ✓ Self-flowable concrete for easy application

NET ZERO CONCRETE

OFFERING 4

SATIQ ZERO CEMENT CONCRETE



- ✓ Suitable for Indoor and Outdoor application
- ✓ 100% binder is made of industrial waste
- ✓ 5 to 15 MPa strength
- ✓ Natural Carbon capturing with age



Contains '0' Portland cement



SPACE TECH APPLICATION

OFFERING 5

TILES FOR THERMAL SHIELDING OF SPACECRAFT



CONCRETE FOR FACADES

OFFERING 6

SPECIALISED CONCRETE FOR SPECIFIC APPLICATIONS

- ✓ 100 MPa + Compressive strength
- ✓ High Flexural strength – 15 MPa +
- ✓ Industrial flooring for heavy loads – No requirement for steel reinforcement
- ✓ Tiles for Data center flooring
- ✓ Available as dry-mix also

Compressive Strength (MPa)			
Age	1 day	7 days	28 days
Specimen 1	59.5	99.48	117.9
Specimen 2	63.5	92.998	105.1
Specimen 3	58.2	91.9	110.5
Average	60.4	94.8	111.2



PRODUCT VIDEOS





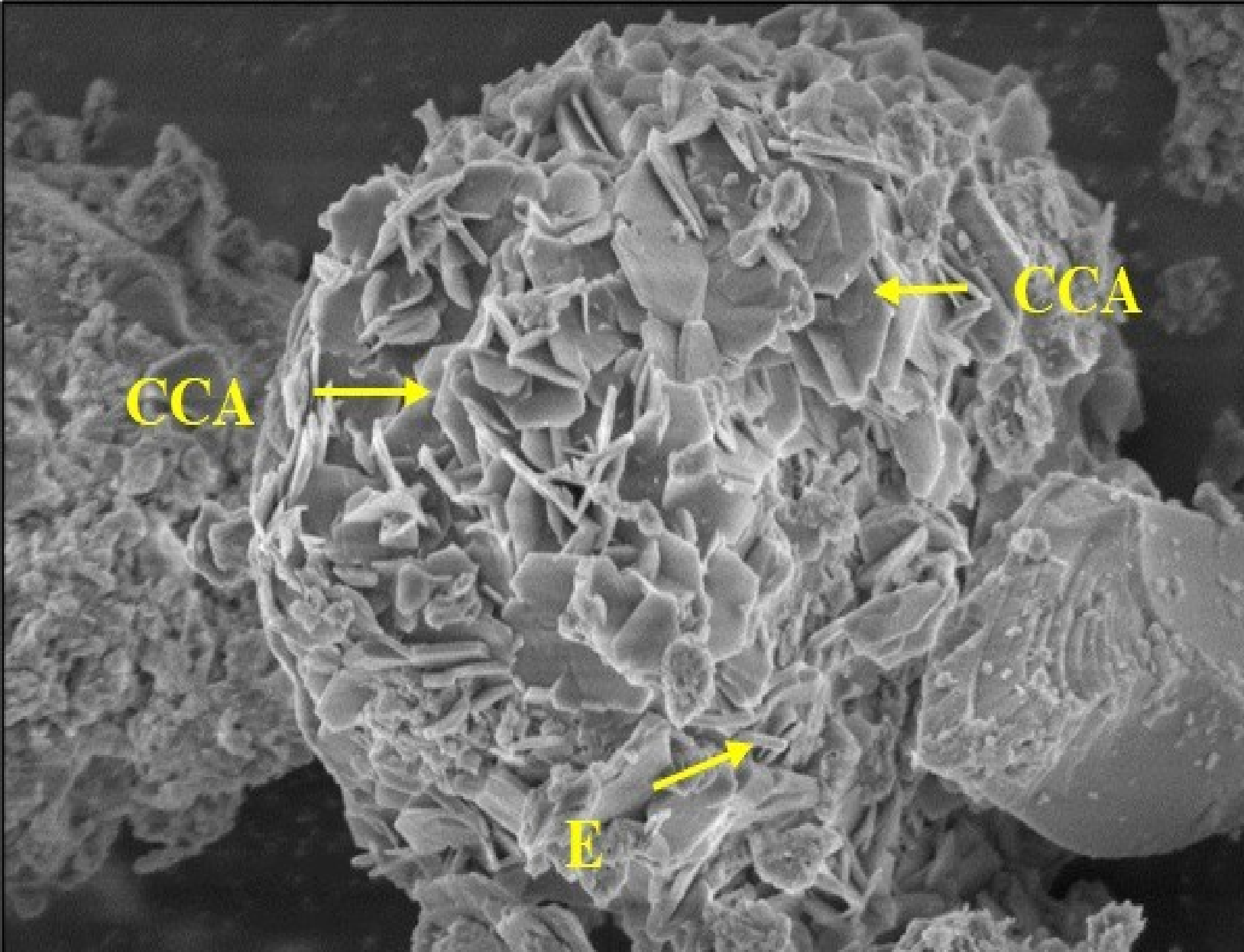
https://www.linkedin.com/posts/satiq-concrete-manufacturer-pvt-ltd_sustainable-lowcarbon-high-activity-7246063892555018240-9EkQ?utm_source=share&utm_medium=member_desktop

SATIQ RAPID FEEFLOW CONCRETE



https://www.linkedin.com/posts/satiq-concrete-manufacturer-pvt-ltd_sustainability-rapidstrength-precast-activity-7266031374422163456-tMMi?utm_source=share&utm_medium=member_desktop

Reducing OPC BY 15 to 25%



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THANK YOU