

SS60

Anionic Bitumen Emulsion

I-CAT's SS60 IS AN ANIONIC BITUMEN EMULSION, PRODUCED USING THE HIGHEST QUALITY BITUMEN

I-CAT's **SS60** is a low viscosity, anionic, slow-set bitumen emulsion specifically formulated for slurry applications. The product is a brownish-black, water-dispersible liquid that allows for efficient mixing and ease of application, including hand-applied slurries.

🚚 **Conformance:** **SS60** meets the standards of SANS 4001-BT3 for anionic bitumen emulsions.

🚚 **Viscosity:** Low viscosity for improved workability.

🚚 **Application:** Suitable for slurry seals, surface treatments, and general road maintenance.

I-CAT Bitumen Emulsion Production Facility

I-CAT operates a state-of-the-art bitumen emulsifier mill with a production capacity of 10kL/hour. Commissioned in January 2021, the facility produces high-quality anionic emulsified bitumen (**SS60**) to standards.

🚚 **Technology:** Equipped with the latest emulsification systems, ensuring consistent and superior product quality.

🚚 **Quality Control:** Includes a fully equipped, on-site laboratory for continuous monitoring and verification of product performance.

🚚 **Location:** Strategically positioned east of Pretoria, with convenient access to major highways, enabling cost-effective distribution to nearby mining and construction sites.

This investment underscores I-CAT's commitment to delivering reliable, consistent, and high-performance emulsified bitumen solutions to the industry.



I-CAT's SS60 IS PRODUCED AT OUR OWN PRODUCTION FACILITY NEAR RAYTON, GAUTENG

I-CAT's **SS60** is a premium, slow-set bitumen emulsion developed for use across a wide range of road construction and maintenance needs.

- 🚧 **Road Surfacing:** Ideal as a binder for slow-set slurry mixtures, **SS60** can be batch mixed and applied manually, or laid using continuous mix-and-lay machines.
- 🚧 **Soil Stabilization:** Adaptable to different soil types, construction methods, and climatic conditions, ensuring strong and durable surfaces.
- 🚧 **Rejuvenation & Tack Coat:** Diluted with water, **SS60** restores aged seals as a rejuvenation spray or serves as a reliable tack coat for asphalt overlays.
- 🚧 **Green Innovation:** **SS60** is a key ingredient in I-CAT's **GreenBit** dust suppression solution, blended with natural binders and surfactants to deliver superior performance on primary haulage roads.

With its proven versatility and consistent quality, I-CAT's **SS60** provides cost-effective, reliable, and environmentally responsible solutions for both road infrastructure and mining operations.

SS60 USES

- 🚧 Road sealing
- 🚧 Dust suppression
- 🚧 Base Stabilisation
- 🚧 Tack coating
- 🚧 Slurry seals
- 🚧 Cold application binder
- 🚧 I-CAT's **SS60** is the active ingredient in our **GreenBit** product.

Innovation Meets Reliability

At I-CAT, quality is engineered into every batch. Our fully equipped laboratory allows us to conduct rigorous quality and consistency testing on all SS60 emulsions produced.

Beyond ensuring reliability, our team of expert chemists continuously develops and refines new formulations, driving innovation for future road construction and dust suppression solutions.

This commitment to research, development, and precision control guarantees that I-CAT's SS60 not only meets industry standards—but sets them.

