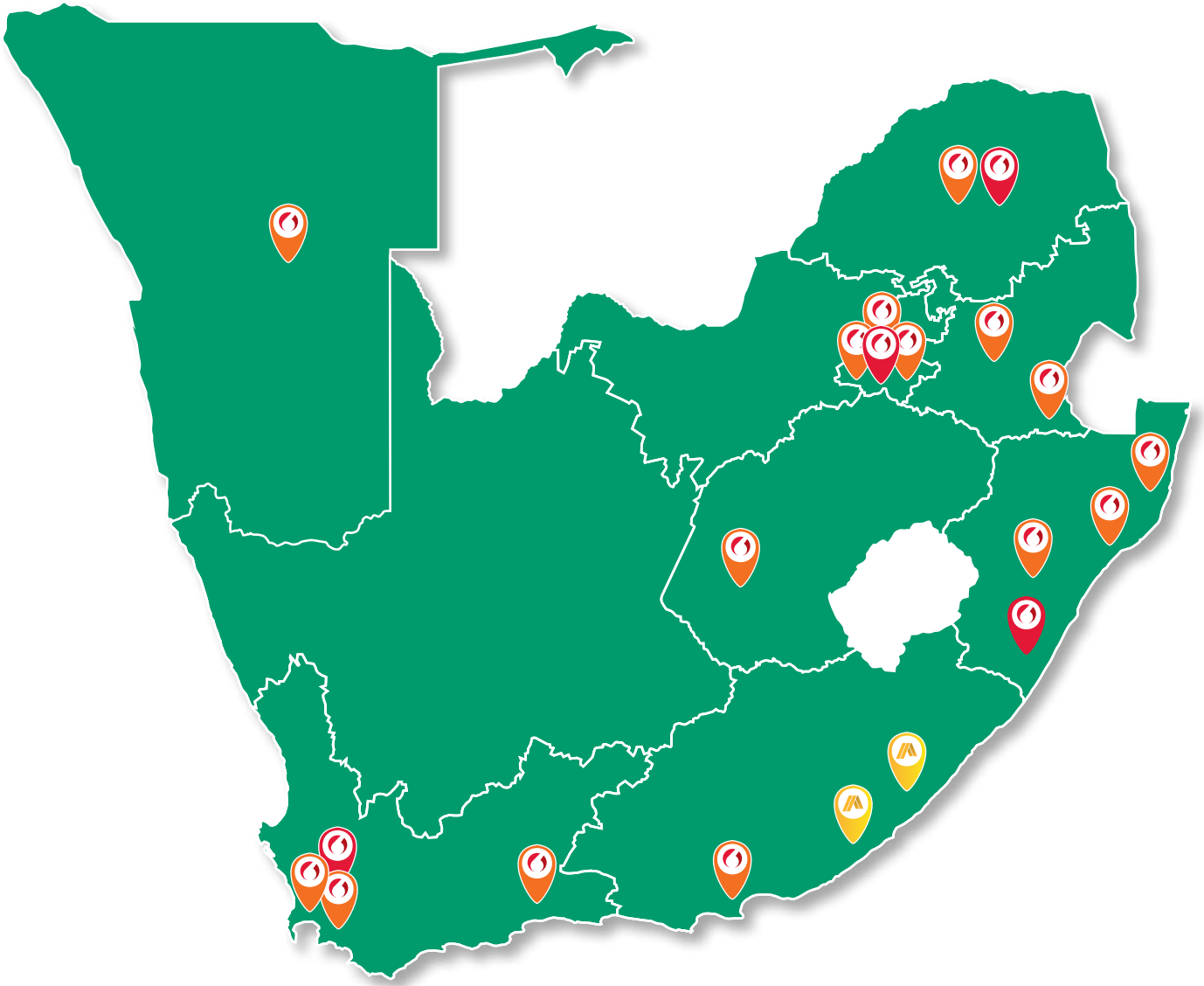




TOWARDS A
SUSTAINABLE FUTURE
IN ASPHALT AND BITUMEN



FOOTPRINT



AECI SPRAYPAVE



AECI MUCH ASPHALT



EAST COAST ASPHALT



AECI MUCH ASPHALT

AECI Much Asphalt is Southern Africa's largest commercial producer of bituminous products for the construction and maintenance of roads, runways and other applications from industrial and commercial surfacing requirements to domestic asphalt projects.

AECI Much Asphalt was established in Cape Town in 1965 and is a member of the diversified, multinational AECI group of companies, operating as a standalone entity within the group.

AECI Much Asphalt and its subsidiaries, AECI Spraypave and East Coast Asphalt, together operate 17 static plants, four mobile asphalt plants and three static emulsion/ modified binder facilities in South Africa. Mobile plants offer significant cross-border product supply opportunities.

AECI Much Asphalt's products are used by national, provincial, and local government, the South African National Roads Agency (SANRAL), the Airports Company of South Africa (ACSA), the private sector, and the public. We share long term partnerships with all the major construction companies in South Africa and SMMEs involved in smaller scale road surfacing and maintenance projects receive special attention to accommodate their specific needs for quality results and sustainable employment.

PRODUCTS

Our plants are designed and built to provide the best quality products customised to client requirements, with continuous improvements in line with global best practice to improve quality and productivity, moderate product costs, and reduce carbon footprint and emissions.

We play a leading role in the importation of quality bitumen as local production slows and have invested in our own bitumen storage facilities in Durban and Cape Town and increased storage capacity at all our plants.

AECI Much Asphalt meets all asphalt requirements, including highly specialised mixes and products with a reduced environmental footprint such as warm mix asphalt and mixes with high percentages of recycled asphalt. Specialist products include UTFCS, UTLAs, AECI Much Asphalt Cold Mix and many others with highly modified binders, as well as Salphalt support coat and Micropave under license.

We play a leading role in introducing new products to the local market with the associated testing and road trials.



AECI Much Asphalt undertakes asphalt recycling to reduce carbon footprint and protect non-renewable resources.





TESTING AND QUALITY CONTROL

A technical division provides specialist technical services and our Central Laboratory in Cape Town, accredited by the South African National Accreditation System (SANAS), allows us to develop new products, control test products, calibrate plant and offer testing services to our clients. All our plants also have their own dedicated process control laboratories on site.

AECI Much Asphalt holds ISO 9001:2015 quality management certification and OHSAS 18001 (DQS) health and safety management certification.

INVESTMENT IN THE ASPHALT SECTOR



Hand asphalt training taking place in George

The future of job creation in South Africa lies with SMMEs and training is essential to ensure these businesses have the skills to be sustainable. AECI Much Asphalt provides free workshops on best practice in the placement of hot mix asphalt to assist SMMEs, local and provincial authorities. Thousands of individuals have received this practical training since it was launched 2006.





AECI SPRAYPAVE

AECI Spraypave is a manufacturer, supplier and applicator of bituminous binders, emulsions, primes, and pre-coats to the Southern African road construction industry, operating from branches in Johannesburg, Durban, and Cape Town.

Established in 1981, the company has built a reputation as a world class producer of quality bituminous products, delivered by a modern fleet of bitumen distributors to a broad client base.

WHAT WE OFFER

AECI Spraypave manufactures homogenous modified bitumen and non-homogenous modified binders, including extended bitumen rubber technology. Products can be delivered by our tanker fleet direct from our plants or produced on site via mobile modified emulsion and modified bitumen plants. We offer spray application from a fleet of tankers, or drummed delivery. Specialist plants include a 15-20 tonne/hr automated rubber plant, Jetpatcher, and on-site coldmix blender for potholes.

All products are subject to extensive quality control, accompanied by competitive pricing, optimal lead times and efficient delivery processes.

AECI Spraypave also owns technology unique to the African continent in the form of a multistage bitumen converter that changes bituminous refinery feedstocks into superior quality bitumen to suit all asphalt specifications.



MULTISTAGE BITUMEN CONVERTER

The multistage bitumen converter, acquired from Technix Industries in New Zealand, enables AECI Spraypave to convert bituminous products from one grade to another and therefore enhance the penetration grades of bitumen required for asphalt production.

Technix Industries has been in the bitumen business for over 100 years and is the global leader in bitumen technologies.

The converter uses pressure, heat and air to precisely convert bituminous refinery feedstocks into superior quality bitumen. The softness, penetration index and physical properties of the bitumen can be changed to meet exact design specifications. The converter can modify 70/100 penetration grade bitumen to 50/70 or even 10/20 for high modulus asphalt designs.

The converter can also produce multi grade bitumen with specifications and performance characteristics spanning several penetration grades. SABS testing has confirmed that 50/70 produced conforms to the SANS 4001-BT1 specification.

Bituminous products manufactured in the converter in Cape Town are available to all asphalt manufacturers in South Africa.



Multistage bitumen converter

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