



ROAD CONSTRUCTION SERVICES

SGS INTRON IS NOW PART OF SGS, THE WORLD'S LEADING INSPECTION, VERIFICATION, TESTING AND CERTIFICATION COMPANY.

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THE ROAD TO PERFECTION

OBJECTIVE

Transport and mobility are a key part of modern society. Roads must be durable and safe, because the costs of failure can become very vast. This is not only due to repair costs, but also as a result of secondary (social) costs.

However, to produce and maintain strong, durable roads is not an easy task. Both during production and during use, roads are exposed to varying conditions. The quality of the components in road products, especially bitumen, can also vary strongly. Furthermore, the needs of involved parties may also be different.



In order to obtain strong, durable roads it is of great importance to understand the behavior of road materials in relation to the expected loads and deterioration mechanisms, including the influence of the used components.

THE SOLUTION

SGS INTRON assists our clients with any questions on the performance and durability of road materials and products. To this end we offer a wide array of services including testing, research and assessment. These services include

- Characterisation of raw materials for road products (bitumen, aggregates, etc.) and assessment of the fitness for use in the intended product



- Determination of the maintenance condition of existing roads, as well as drawing up subsequent maintenance/repair plans. We can also provide service life predictions
- Controls of road mixture designs and auditing/inspection of road product application

WHY SGS INTRON?

SGS INTRON offers our clients tailor made solutions, in order to answer the question of each client as good as possible. To best pursue this intention SGS INTRON offers

- Expert personnel and a professional laboratory for testing building materials
- Fit for purpose solutions for any type of client, whether it be government, designer, contractor, (raw materials) supplier
- State-of-the-art knowledge: SGS INTRON is a forerunner in new developments in road construction. SGS INTRON has participated in the development of several new road products, including rollpave and silent joints
- Impartiality: SGS INTRON is an independent and impartial institute, and can therefore act as an impartial third party

OUR SERVICES

Our services include

- Assessment and improvement of asphalt properties
- Determination of asphalt component quality and suitability (bitumen, aggregates also secondary)
- Development of new road products, including rollpave and road materials
- Assessment of damages to (overheated) asphalt
- Laboratory testing of bitumen, including composition (PAH and rheology/viscosity)
- Calculations of CO2 footprints of semi-heated asphalt
- Assessment/testing of expansion joints

SGS INTRON representatives are happy to help you with any questions and issue a quotation. Please contact

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WHEN YOU NEED TO BE SURE

