



BASALTICE

LOW FRICTION
VEHICLE TESTING
SURFACE

WET GRIP STRAIGHT LINE
TEST FACILITY AT M.I.R.A.
NUNEATON ENGLAND.



GREENBANK

LOW FRICTION WET GRIP TESTING FACILITIES ARE ESSENTIAL IN THE ONGOING SEARCH FOR IMPROVED BRAKING PERFORMANCE OF TYRES AND BRAKES

THE REQUIREMENTS

A LOW FRICTION SURFACE

A DURABLE SURFACE

A CONTROLLABLE SURFACE

A SURFACE WITH LOW SPEED-SENSITIVITY

A WATER RETENTIVE SURFACE

A REPEATABLE SURFACE

THE ANSWERS

BASALTICE TILES. Proven over 30 years as Low Friction, abrasion resistant linings for chutes and bunkers in the Bulk Materials Handling Industry.

BASALTICE TILES are natural basalt, molten, cast and ceramised to give a harder more consistent texture than the natural rock. No maintenance to the surface has been necessary in eight years at M.I.R.A.

The unique shape of **BASALTICE TILES** developed by M.I.R.A. can be polished using **GREENBANK** expertise to the required level without producing flat or sharp edges.

Tests over many years have shown **BASALTICE TILES** meet with this requirement.

The shape of **BASALTICE TILES** developed in conjunction with M.I.R.A. provide water drainage/holding channels ensuring a fully wetted area even behind sliding wheels.

A critical requirement - **BASALTICE TILES** guarantee that any new facility can be equated exactly to others laid throughout the world.

The low friction testing surface "Contidrom" at Jeverson, near Hanover has been long recognised as an excellent low friction surface. It being laid with natural basalt sets taken from a street in Hamburg after countless years duty as the streets wearing surface. Unfortunately it has the disadvantages of not being controllable and most important not repeatable. In 1979 M.I.R.A. contacted **GREENBANK** who specialise in cast basalt products and following development work laid a trial area of **BASALTICE TILES** at their proving ground at Nuneaton, England. Testing over six years proved the surface met with all their requirements. **BASALTICE TILES** were therefore incorporated into the comprehensive M.I.R.A. Low Friction Wet Grip testing facility in 1984/85.

Low Friction test facilities have now been laid using **BASALTICE TILES** in ENGLAND, LUXEMBOURG, JAPAN, USA and are at the time of printing proposed or under construction at many other locations having become the Repeatable-Norm for this duty. Circular wet grip facilities incorporating **BASALTICE TILES** are also at proposal stages.

DESIGN • MANUFACTURING • INSTALLATION
ABRASION-RESISTANT MATERIALS HANDLING SYSTEMS
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