

Cast Basalt Skid Pan Tiles

- for automotive test tracks and proving grounds

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CBP ENGINEERING OFFERS THE ORIGINAL SKID PAN TILE DEVELOPED IN CONJUNCTION WITH M.I.R.A. BASALTICE

In 1979 the **Motor Industry Research Association, (M.I.R.A.)** contacted Greenbank Engineering Ltd., who at the time were the parent company of CBP Engineering, with a technical problem because Greenbank specialized in cast basalt products. Following joint development work, M.I.R.A. laid a trial area of BASALTICE tiles at their proving ground at Nuneaton, England.



Testing over six years proved the tile surface met all their requirements for automotive safety testing. BASALTICE tiles were then incorporated into the comprehensive M.I.R.A. Low Friction Wet Grip testing facility in 1984/85. Low Friction test facilities have now been installed with BASALTICE tile in many countries around the world. Our BASALTICE tile is now the industry standard for this application. Circular wet grip facilities incorporating BASALTICE tiles have set the standard globally for testing facilities

Since then, many of our competitors have copied our design but they haven't copied our quality and technological excellence that our BASALTICE tile has earned.



1989.

After the straight line wet-grip surfaces were opened in 1986, the wet-grip turning circles followed in 1989. The scale of the facility is illustrated by the Jaguar XJ-S at '2-o'clock' on the middle circle and also inset.

Cast Basalt Skid Pan Tile (BASALTICE) has three main characteristics:

- BASALTICE tile possesses high compressive strength, so it affords high abrasion resistance against friction, and its superficial appearance is very smooth.
- The BASALTICE tile is available as cast or polished using diamond grinding equipment to achieve the required co-efficient of friction.
- BASALTICE tile, either as cast or polished, offers repeatability of test conditions.

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DESIGN * MANUFACTURING * INSTALLATION
ABRASION-RESISTANT CONVEYING AND MATERIALS HANDLING SYSTEMS



Delivering Solutions

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The original MIRA requirements stated that the material chosen must be a low friction surface, must be durable, controllable, sensitive at low speeds, hold water and be repeatable for it to be reliable!

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 60 years as Low Friction, abrasion resistant linings for pipe, chutes and bunkers in the Bulk Materials Handling Industry.

BASALTICE TILES are natural basalt, molten, cast and crystallized to give a harder more consistent texture than the natural rock. No maintenance to the surface has been necessary at most of our installations worldwide.

The unique shape of **BASALTICE TILES** developed with M.I.R.A. can be polished using **CBP ENGINEERING'S** expertise to the required level.

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

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

A critical requirement – **BASALTICE TILES** guarantee that any new facility can be equated exactly to others installed through out the world.



Shown from Left to Right: 8x8 polished, 8x8 as cast, 10x8 polished, 10x8 as cast and back side ribbing.

AVAILABLE SIZES, DIMENSIONS AND WEIGHT

Dimension - Inches	Dimension - mm	Weight - Pounds	Pieces per FT ²
8 x 4 x 1 1/4	200/100/32	4.40	4.50
8 x 6 x 1 1/4	200/150/32	5.70	3.00
8 x 8 x 1 3/16	200/200/30	8.00	2.25
8 x 8 x 1 1/4	200/200/32	8.40	2.25
8 x 8 x 1 1/2	200/200/40	9.25	2.25
10 x 8 x 1 3/16	250/200/30	10.00	1.80
10 x 8 x 1 1/4	250/200/32	9.50	1.80
10 x 8 x 1 1/2	250/200/40	11.25	1.80
10 x 10 x 1 1/4	250/250/32	10.10	1.44
12 x 8 x 1 1/2	300/200/40	14.00	1.50

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