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HITEX

PRODUCT SPECIFICATION

TEXTPRINT

A modern alternative to blocks, slabs, sets and cobbles
Hot applied synthetic asphalt compound

PRODUCT DESCRIPTION

TEXTPRINT is a hot applied polymer modified synthetic asphalt compound incorporating graded sand and granite aggregates.

All Textprint materials are produced under a quality system in accordance with ISO 9000 series and designed to provide durability, load carrying capacity and architectural compatibility with the environment. All raw materials are carefully graded for consistency and quality to obtain the highest standards.

Textprint can be trafficked when it has cooled and hardened. This is typically about 1 hour but depends on the actual ambient conditions. More time may be required in hot weather.

Textprint is suitable for use in both trafficked and pedestrianised areas. It is suitable for heavily stressed sites and is formulated to have very good resistance to rutting and deformation.

Textprint is pigmented all through the material so surface abrasion will not detract from the materials overall colour.

COLOURS

Textprint is available in a wide range of colours including Red, Oxide Red, Light Grey, Dark Grey, Green, Blue, Brown, Fawn, Traffic White, if you have a colour requirement we will do our best to provide a grade to match your needs.

FORM

Textprint is supplied in melt pack bags containing powdered material and pigment supplied separately in sachets.

Thirty nine bags of Textprint supplied on a pallet with a 25kg box of Textprint pigments containing 39 sachets used in a 1:1 ratio.

PATTERNS

Textprint can be applied in the following patterns:

Paving Slab, Tegula, Granite Sets, Herringbone (90° and 45° angles) Hexagonal, Brick and Cobblestone.

APPLICATION TEMPERATURE

Typical application temperature: 190° - 210°C

Maximum safe heating temperature: 225°C

AMBIENT CONDITIONS

Air/road temperature: Minimum 4°C

SKID RESISTANCE

Textprint typically achieves a skid resistance value in excess of 60 PTV (Pendulum Test Value) when tested in accordance with prEN 13036-4 and TRL Road Note 27.

WHEEL TRACKING

Textprint is formulated to have very good resistance to rutting and deformation.

When tested in accordance with BS 598 Part 1 10 Wheel Tracking Test

The result is less than 2mm/h at 45⁰C

INDENT

Textprint is a hard product and resists indentation by vertical loads. When tested in accordance with French Standard NFT 6602 Indentation Test the product meets the following requirements:

50 dmm max. at 40⁰C

SURFACE APPLICATIONS

- Textprint can be applied to bituminous and concrete road surfaces, providing they are sound, free from cracks, spalling failure and in stable condition.
- Surfaces with a high degree of porosity should be avoided due the problems of entrapped water.
- Surfaces that may be subject to movement in vertical or horizontal direction should be avoided, as there may be a risk of reflective cracking through to the Textprint surfacing. For example, in asphalt surfacing if there is a weakness in the underlying courses and the surface sinks under the action of traffic, this could cause a crack to reflect through the Textprint layer. Movements at construction joints or movements due to interlayer adhesion failure may also cause adverse effects in the Textprint layer.
- For concrete surfaces the two common situations to avoid are mid-bay cracking and construction joints. Preferred detail is to lay the Imprint pattern in such a way as to coincide the natural joints of the pattern with the construction joints in the substrate. Any movement that occurs can be accommodated without causing stress in the Imprint surfacing.
- A tack coat should be applied to stone rich or polished surfaces and to concrete surfaces for extra adhesion.

APPLICATION THICKNESS

Textprint is applied at a thickness of 15mm but can be applied up to a thickness of 20mm.

CURING TIME

Textprint can be trafficked once it has cooled and hardened, this is typically approximately 1 hour after application depending upon ambient conditions and road surface temperature.

GRAVITY

The Specific Gravity of Imprint is 2.1 to 2.3 kg/l.

SHELF LIFE

The shelf life is unlimited, providing it is protected from ultraviolet degradation and the weather. The material must be stored in dry conditions.

FLASH POINT

Textprint Flash Point is 230⁰C

