



### Keeping your eyes to the ground with Bomanite

In today's market, imprinted concrete offers cheaper costs, stability, durability and versatility, with imagination as your only limit. Imprinted concrete is creative and efficient, needing little maintenance.

Imprinted concrete jobs are installed using the same basic rules for plain concrete in similar conditions: proper subgrade preparation, reinforcement, forming, and correct placement of control and expansion joints. The concrete mix is poured into forms to create a monolithic slab and then floated in an ordinary manner. Special concrete mix designs are used if necessary, depending on the climate, and slabs are the same thickness that any ordinary concrete slab would require in the same situation

After initial floating, a dry-shake colour hardener (a blend of mineral oxide pigments, cement and graded silica aggregates) is hand cast evenly across the plastic surface of the wet concrete. The colour hardener is then uniformly floated into the surface, working it into the concrete substrate. A second shake of colour is applied and then the surface is re-floated. After the floating is complete, the surface is troweled smooth. When textured tools are going to be used, a release agent is hand cast across the surface of the coloured concrete. The release agent, a dry blend of chemical powders and colour pigments, helps the tools detach from the concrete and provides a colour variation to the textured surfaces. The next step is the imprinting stage.

Starting at one edge of the slab, interlocking imprinting tools are placed on the surface and pounded with a 15-pound mallet. The depth of the impression is controlled by the amount of pressure put on the tool, with the depth anywhere from 1/8th of an inch to 3/4 of an inch. The tools are rotated one over another until the entire area is imprinted with the desired pattern. A small hand tool is used to complete the imprinting close to the slab edges and in difficult to reach spots like corners and steps. After the imprinting is complete and the concrete is well cured, a sealer is applied to protect the imprinted concrete.

Bomanite SE Asia offers more than 90 patterns and 25 standard colours to combine the rich look of natural



**Bomanite offers custom colours and tooling options that can be developed to complement existing architectural and landscape elements.**

paving with the safety, durability and economy of concrete. Bomanite provides design professionals with a virtually infinite palette of colours, textures and patterns at a fraction of the cost of traditional materials. Gone are the cookie cutter days of imprinted concrete with Bomanite's range.

Bomanite also offers custom colours and tooling options that can be developed to complement existing architectural and landscape elements. There is even a pattern that looks like wooden planks, complete with grain and nail heads, flower designs, and even characters.

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