

STEP-BY-STEP GUIDE

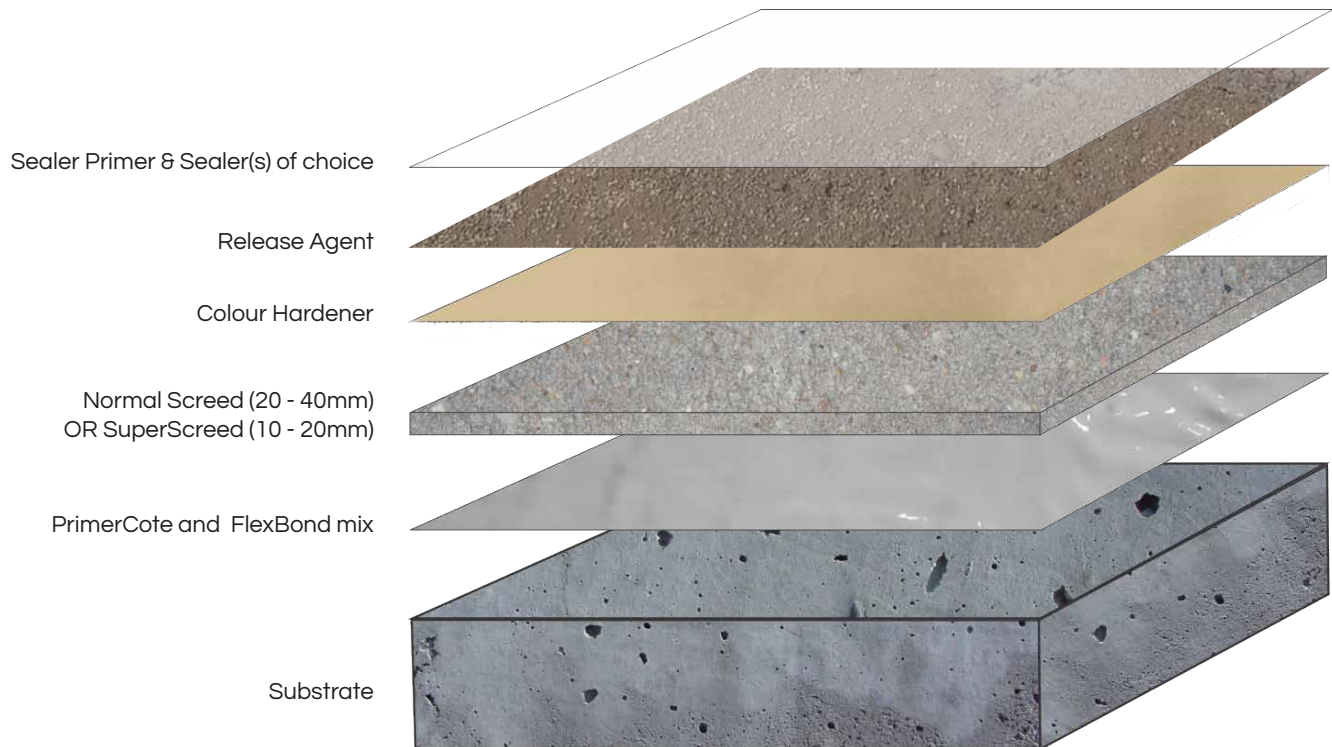
Colour Hardener Imprinting



What do you need:

🔧 Tools	📄 Products	📈 Difficulty
<ul style="list-style-type: none"> • Wire brush • Block brush • Stamper • Imprint mat 	<ul style="list-style-type: none"> • PrimerCote & FlexBond mix • Colour Hardener • Coloured Release Agent • Sealer Primer • Sealer(s) of choice 	<p>★ ★ ★ ☆ ☆</p>

The system:



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1. Combine 1 volume hydrochloric acid...



2. ... and 3 volumes water.



3. Use this acid solution & a wire brush to clean the surface. Remove all loose material. Neutralize the surface by washing with a solution made up of 1 cup of sodium bicarbonate to 10 litres of water & then rinsed with clean water again.



4. Rinse thoroughly. Surface must be damp prior to application.



5. Combine 4 volumes of crusher dust or good clean river sand...



6. ... with 1 volume of 42.5 cement. Mix dry and then add water to obtain a stiff consistency.

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7.

Mix 1 volume of FlexBond with 2 volumes of water. Use this liquid to mix 3 parts PrimerCote powder to 2 parts FlexBond solution to a creamy slurry.



8.

Ensure that the surface is properly covered. The slurry coat will ensure proper bonding between the surface and the screed.



9.

Immediately place screed mix onto wet slurry. Do not allow the slurry to dry (ie: do not apply the slurry too far ahead).



10.

Spread screed mix evenly.



11.

Spread screed mix evenly and compact thoroughly. Do not compact screed that is too thick in one go; compact in multiple stages depending on the thickness of the screed.



12.

Strike level. Add extra screed mix to fill indentations.

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Wood float screed. If additional water is required, wet the plastic float only; do not spray the screed directly with water.



Apply Colour Hardener at the rate of 2kg / m².



Leave Colour Hardener to soak up the water from the screed.



Wood float the Colour Hardener into the surface. If it is necessary to add water; dip the plastic float in a bucket of water; DO NOT use a block brush to flick water onto the screed.



Apply a second dusting of Colour Hardener at a rate of 3kg/ m². Allow to soak in the moisture from the screed, then plastic float and steel trowel.



Dust Coloured Release Agent onto the smooth surface and the imprint mat. This will ensure that the mat does not stick to the surface.

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Place the mat carefully and ease onto the surface.



Stamp the imprint mat to transfer the design onto the surface.



Remove the imprint mat carefully. Always fold the imprinting mat to the point of least resistance / suction.



Use a small imprint mat to print corners or curves.



Leave to dry for 3 days.



Wash surface carefully to remove excess Coloured Release Agent.

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Cure by wetting with clean water 3 times daily for 5 days.



Leave to dry for a minimum of 7 days. Moisture level should be below 5% prior to sealing.

Important information:

All adjoining areas should be masked prior to laying screeds.

Colour Hardener ensures the hardness of the top surface only and reflects the integrity of the substrate.

Expansion joints are critical to avoid cracking.

Mix design, compaction, design and levels are important factors to ensure a good end-result.

Proper curing is essential.

The surface should be completely dry prior to sealing to avoid efflorescence trapped under the sealer.

A sample should be done on-site for approval prior to application.

The combination of Colour Hardener and various Coloured Release Agents will determine the final colour.

Crestain may also be used to enhance the colour.