

NEW!

NX-DECK PLANKS™

The Best Option for You and a Great Option for the Environment

NX-DECK PLANKS™ are created in an effort to lower the environmental impact associated with concrete.

The unique ELCEMITE™ formulation substantially reduces the volume of water used and minimizes the use of Ordinary Portland Cement (OPC) required to make conventional concrete.

The ELCEMITE™ formulation makes use of supplementary cementing materials (SCMs) to help reduce greenhouse gas emissions and contribute to sustainable construction.

ELCEMITE™ also incorporates several “post consumer” waste materials and by-products from other industries.

By using ELCEMITE™, we are reducing waste by recycling, preserving natural resources and reducing the amount of waste in landfills.



THE STRONGER, THE BETTER

Made with
ELCEMITE™ R70

Our all new NX-DECK PLANKS™ provides homeowners and deck installers with a beautiful new long-lasting alternative for new and existing decks, as well as a durable re-surfacing option for existing patios.

NX-DECK PLANKS are unique

- Made from an engineered cementitious composite (ECC) that is 50% lighter than conventional concrete
- A beautiful durable alternative to wood and plastic decking
- Cement-based ECC planks are high-strength, fiber reinforced and made with a low porosity material with weights similar to hardwood
- Impact and fire resistant
- Available in stone and wood profiles, in five colour options including natural, and with antique-enhanced accenting and a non-slip sealer
- Patent-pending
- 20 Yr Manufacturer’s Limited Warranty
- Locally made and readily available

ELCEMITE™ – AN ENGINEERED CEMENTITIOUS COMPOSITE (ECC) WHAT IS AN ECC?

Also called **bendable concrete**, ECC is an exclusive mixture of Ordinary Portland Cement (OPC) with a unique blend of different composites and low volume fibers that produce high ductility and high tensile strength material. While conventional concrete and typical fiber reinforced concrete has a brittle nature and cracks easily under environmental and mechanical loads, ECC acts more like a ductile *metal* rather than a brittle *glass*, fortifying the durability of its uses, and leading to a wider variety of applications.

For additional information on NX-DECK PLANKS™ and to order our product, please contact:

ECC CASTINGS (ON)

6099 FRANK ST., MITCHELL, ON, Canada N0K 1N0 PHONE: 519-274-2505

What you should know about purchasing a better decking product

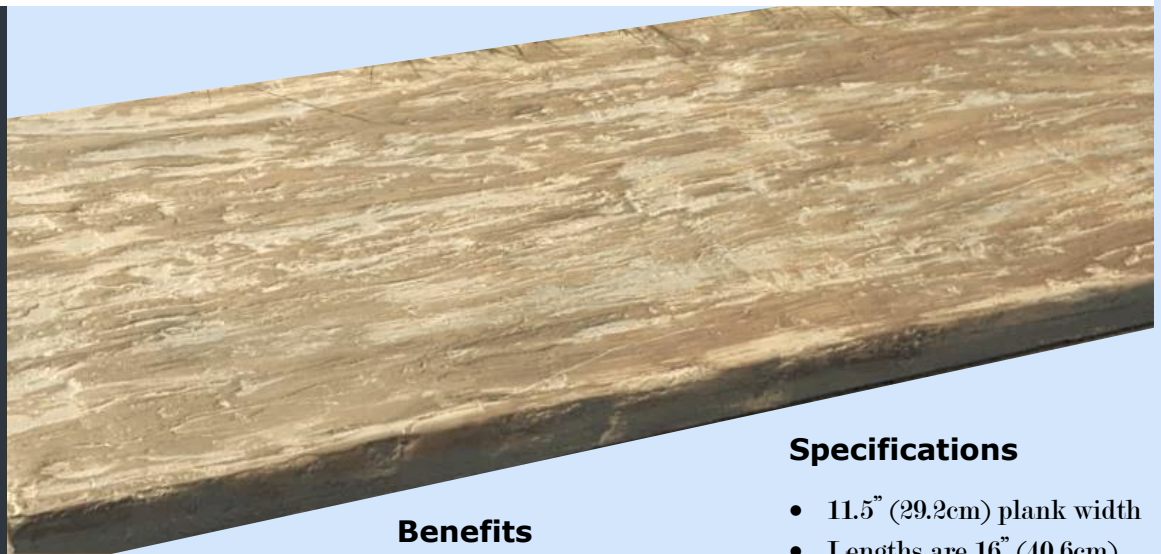
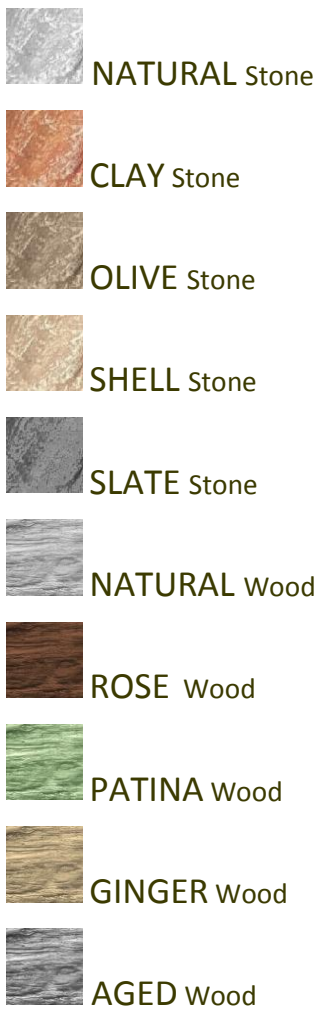
The use of cement as a building material has been around since the time of the Ancient Romans. Ordinary Portland Cement (OPC) has been used as the binding ingredient in concrete since 1824 and concrete made with OPC is the most widely used building material in the world today.

The use of composite materials is not new, but the development of more advanced composites has industries using composite materials in new ways, creating possibilities that were once impossible. Cementitious composites represent an important innovative development to the building industry.

- ✓ Choose a material that will last - replacing your deck every few years is expensive and time consuming
- ✓ Select a material that is good for the environment - wood and petroleum based decking are poor options
- ✓ Avoid materials that splinter - products that do are a safety concern and will quickly need to be replaced
- ✓ Wood and plastics fade - choose a product that uses non-fading iron oxide pigments to avoid this concern

AVAILABLE COLOURS

WITH ANTIQUE ACCENTS



The Product

- Patent-pending
- Interlocking design with integral quick relief water drain
- Fiber reinforced ECC material with high flexural strength
- Compressive strength like conventional concrete at 3000psi (20 Mpa)
- Freeze-thaw resistant
- Low porosity with water-repellent and water-proofing admixtures

Benefits

- Cast-in-place fastening tab for quick and simple plank attachment to deck structure
- Multiple plank lengths give a pleasing decorative effect to the finished installation
- Can be easily cut and finished with a diamond cutting blade
- Square-edge planking is available in the 64" (162.5cm) length for deck or patio edging and for stair tread applications

Specifications

- 11.5" (29.2cm) plank width
- Lengths are 16" (40.6cm), 32" (81.2cm), 48" (121.9cm) and 64" (162.5cm)
- 1" (2.54cm) +/- 3/32" plank thickness
- 5 lbs (2.27kg) per Board Foot (dry weight)
- Install over properly constructed deck structure framed 16" (40.6cm) on center
- Coloured planks are through coloured with fade resistant iron oxide pigments
- Antique accent colouring is protected with non-slip UV stable sealer

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www.ecccastings.ca

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