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CarbonCure Technology and Northfield Block release first concrete Health Product Declaration in North America

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CarbonCure Technologies Inc. and Chicago-based Northfield Block, a division of Oldcastle APG, are once again leading the green movement sweeping the concrete industry by issuing the first Health Product Declaration (HPD) for any concrete product in North America. This groundbreaking document reveals the health impacts of one of Northfield's most popular products, Trendstone, made with CarbonCure's technology, which includes waste carbon dioxide (CO₂) among its disclosed ingredients.

The announcement comes on the heels of news earlier this year that the first Environmental Product Declaration (EPD) for any concrete product in North America was issued by CarbonCure and Ontario-based concrete producer Atlas Block. The two announcements collectively demonstrate that the concrete industry is responding to demands from building designers and developers to disclose the health and environmental impacts of building materials.

With the goal of increasing transparency, EPDs and HPDs enable manufacturers to communicate a product's environmental and health impacts to designers and developers. These standardized documents are expected to be critical tools as the green building industry continues to grow at 20% annually. In LEED version 4, construction projects that use at least 20 building products that have issued EPDs and/or HPDs will be awarded points under the Materials and Resources: Building Product Disclosure and Optimization credit.

The CarbonCure by Northfield Block HPD was issued for Northfield's Trendstone product that contains CO₂ captured from smoke stacks using CarbonCure's green technology. The information manufacturers provide in HPDs can also be used to complete declarations with systems other than LEED, such as Pharos or Declare, and can help assess compliance against various red-lists, including Perkins & Will's Precautionary List, and the Living Building Challenge Red List. The CarbonCure by Northfield Block HPD was developed in compliance with the Health Product Declaration open standard and is available for download on CarbonCure's website at www.carboncure.com/build.

CarbonCure Technologies develops clean technologies that convert waste CO₂ into stone within concrete. The Nova Scotia-based Company is supplying green concrete to the market with its partners in Ontario (Atlas Block), California (Basalite Concrete Products), Nova Scotia (Shaw Brick), and Illinois (Northfield Block).

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