

PRIMX

PERFORMANCE



PrimX jointless concrete slabs on grade exceed traditional concrete's performance on multiple levels. Learn more below.

WATER TIGHTNESS

PrimX concrete is watertight - impermeable to water (in its liquid form). PrimX guarantees water tightness with liquids spilled on the floor and ingress of water with water tables up to 10 feet.



VAPOR

Vapor barriers may be required in certain conditions. When a vapor barrier or capillary break function is required with PrimX, ACI 302.1 "Guide for Concrete Floor and Slab Construction" recommendations must be followed.

RADON MITIGATION

PrimX slabs are radon barriers (retarders) and can be used as such in ventilated production facilities and warehouses with open flooring plans, where radon concentration does not exceed 200 Bq/m³.



TENSILE STRENGTH

The PrimX system uses high tensile strength steel fibers in a high-performance concrete matrix with optimal balance between tensile, flexural, and compressive strength. The structural design uses the Yield Line design approach (supported by ACI360R-10), with all material properties, safety coefficients, loads and equations shown on each project's structural design.

CONTACT US
TO LEARN
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888.85.PRIMX
www.primxna.com

PRIMX

JOINTLESS. STRONGER. SUSTAINABLE. SUPERIOR.
INDUSTRIAL FLOORS