

A trusted admixture that **replaces conventional wear layers** like dry shakes or liquid densifiers to deliver unmatched durability.



High Performance

Concrete made with Hard-Cem® lasts decades longer than regular concrete and is highly suited to high-traffic areas, heavy loads, and industrial use cases.



Low Risk

Tested and proven in a wide range of applications since 2003. No negative effects on concrete water demand, workability, set time, strength development, shrinkage, or other concrete ingredients.



Versatile

Effective with cast-in-place, precast, and shotcrete in horizontal, vertical, or inclined placements.



Cost Effective

Reduces costs associated with additional floor treatments on the construction site and eliminates the risk of delamination over time.



Safe

No toxic chemicals (e.g., silica dust) are handled on the construction site, so health and safety risks are mitigated.



Sustainable

Reduces the need for carbon-intensive repairs, and postpones demolition and the associated release of carbon by decades.



AUTHORIZED
DISTRIBUTOR

Kryton is available worldwide through our network of over 50 distributors. Visit **kryton.com** to find out more.



SMART CONCRETE®

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HARD-CEM®

An admixture for abrasion and erosion resistance



MIP
most innovative products
AT WORLD OF CONCRETE



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and ACI 212.3.R



20-Year Durability Warranty



SMART CONCRETE®

WHY HARD-CEM®?



Unlike post-applied wear layers that delaminate over time, or high-strength concrete that's prone to curling and cracking, Hard-Cem integral admixture significantly reduces replacement and repair requirements and more than doubles the concrete's wear life — lowering its embodied carbon footprint over its lifetime.



Greater
Profitability



Reduced
Risk

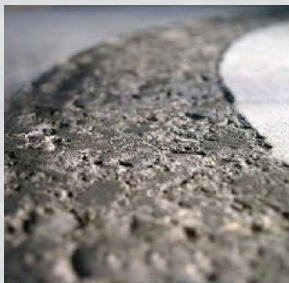


Lower Carbon
Footprint

Hard-Cem Treated vs. Untreated Concrete ASTM C627 via Robinson Type Floor Tester



CONTROL CONCRETE



HARD-CEM CONCRETE

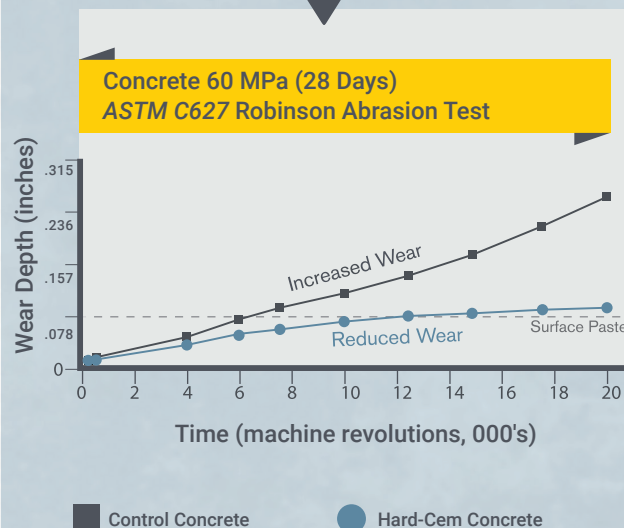
HOW IT WORKS

Hard-Cem uses a unique metal-mineral micro-structure that is mixed integrally into concrete during the batching process, reducing project costs associated with additional floor treatments or special finishing on the construction site.

It fortifies existing cement paste in the mix to increase the concrete's resistance to abrasive and erosive forces and eliminates the risks associated with conventional hardeners or densifiers.

It significantly reduces replacement and repair requirements and more than doubles the wear life, lowering the lifetime cost — and the lifetime carbon footprint — of the concrete.

Concrete made with Hard-Cem was **over three times more abrasion resistant** than the control at 28 days.



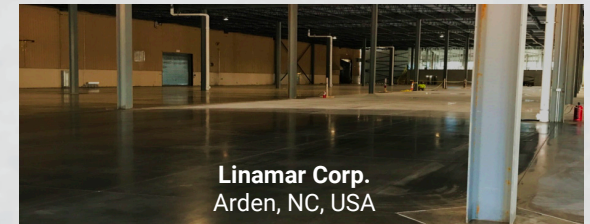
POPULAR APPLICATIONS

Warehouses & Distribution Centers



Woolworths Distribution Centers
Moorebank, New South Wales, Australia

Manufacturing



Linamar Corp.
Arden, NC, USA

Heavy Industry & Mining



New Afton Mine
Kamloops, BC, Canada

Agriculture



Lorenzetti Acres Ltd. Dairy Farm
Hope, BC, Canada

Public Sector Projects



Iona Island Wastewater Treatment Plant
Richmond, BC, Canada