

Dramix®

Reinforcing your industrial floors



Fast-track construction schedule

Local stock

Personalized design support

Lower total cost of ownership

Why choose Bekaert?

Choosing suppliers wisely is critical to your business. As a world-leading supplier of high-quality steel fiber reinforcement for concrete flooring, Bekaert offers a long-term partnership that enables you to provide your customers the best possible solution for their projects.

Superior customer service

Bekaert assists you in each step of your flooring project. Our services include slab design, construction detailing, concrete optimization, and total quality control procedures for the contractor. All of our calculation tools and methods comply with international standards.

Reinforcing the future of concrete

Durable products

Dramix® steel fibers' high aspect ratio, anchor mechanism and tensile strength provide ultimate performance and concrete ductility. All Dramix® types, from 3D to 5D, are available in a wide range of length/diameter ratios.

We offer architects, designers and contractors innovative reinforcement products that meet the needs of the present-day construction industry.

The Dramix® family

- **3D** Typical steel fiber reinforced concrete applications
- **4D** Supreme serviceability control
- **5D** Advanced structural applications

Why choose Bekaert's Dramix® steel fibers?



Local stock

Bekaert delivers consistent quality, just-in time service and competitive pricing from our local warehouse.



Proven quality

Every month, contractors across the Middle East pour about 100 000 m² of industrial flooring reinforced with Dramix® steel fibers.



Impressive track record

Bekaert has more than 70 years of market experience in the world. This experience is reflected by the superior quality of our products.



Individual design support

Our technical experts use in-house design software to create cost-efficient concrete solutions that adhere to local standards and codes.

Dramix® conforms to the IAPMO UES standard for concrete reinforcement and is used in ADAPT structural concrete software.

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Responsible editor: NV Bekaert SA - 03 2024

Customer case study

Al Zahid Group, Abdullah Economic City, Saudi Arabia

In 2020 Al Zahid Group required a 50,000 m² outdoor pavement for their heavy machinery yard.

The external yard pavement would not only have to be durable in the challenging Saudi climate, but also able to withstand heavy equipment loads - e.g. an 80-tonne Caterpillar D10 dozer. It was necessary to convince owner and contractor that the proposed solution was appropriate in a harsh external environment. Speed of execution, and low future maintenance costs, were also considerations. The proposed solution was a jointless floor using steel fiber reinforced concrete (SFRC). Such outdoor pavements are tricky to design and hard to control in execution. By specifying Dramix® 4D 80/60BG high performance steel fibers, with their tensile strength of over 1,800 Mpa and superior anchorage, it was possible to build a floor of just 220 mm thick that met the loading case, with only 20 kg of fiber per cubic meter of mix. The SFRC approach significantly reduced casting time and the jointless design ensures a more durable solution with minimal future maintenance needs and thus a lower overall total cost of ownership.