

Inside FlexSand Action

FlexSand Action is made with a special formulation of elastomers and uses cross-linking, a method of molecular bonding. This ensures the integrity of the coating even under the harshest of conditions.

Leach resistance

FlexSand Action is not water soluble, even at high field temperatures, so the molecular structure resists breakdown. Chemical cross-linking assures stability, and unlike traditional crumb rubber, FlexSand Action doesn't contain heavy metals.

Food-grade material

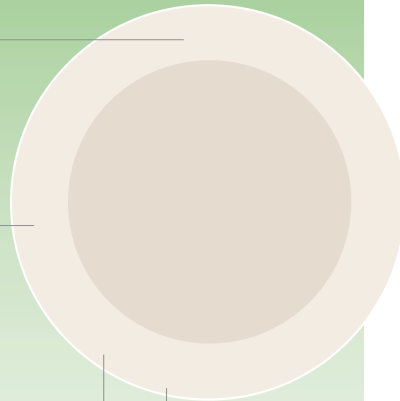
The FlexSand Action formulation contains a food-grade, FDA compliant elastomer. It's approved for use in fresh cut produce, meats, and cheeses. It is also utilized in medical and personal hygiene applications, where personal safety is critical.

Thermal resistance and fire safety

FlexSand Action has excellent thermal stability and UV resistance. It stays much cooler in application versus traditional crumb rubber. It's also considered non-flammable, with a Type 1 (Fire Resistant) NFPA Classification.¹

Recyclable

At the end of their useful life, the elastomers in FlexSand Action can be reprocessed and recycled.



Fairmount places great emphasis on its global responsibilities, and strives to exceed Sustainable Development practices and expectations. We work to ensure that our actions positively impact three pillars of sustainability:

People

Social responsibility to our employees and their families, and to our communities.



Planet

Environmental stewardship ensuring the preservation of our environment and the responsible use of our natural resources.



Prosperity

Economic prosperity not only for our company, but for stakeholders and the world community.



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Play at a higher level



Elastomer Coated Sand
Infill for Synthetic Turf

The new solution for performance and safety



¹ ASTM E648 Standard test method for critical radiant flux of floor covering systems.

Engineered to be better

FlexSand Action is a unique combination of two engineered elastomers and high-purity quartz sand, specially formulated for synthetic turf infill. This new solution combines the shock absorption performance of crumb rubber and the ballast performance of raw sand, while minimizing health and environmental concerns.

Specifically created to address the deficiencies inherent in raw sand and crumb rubber infill, FlexSand Action eliminates static charge, has an ultra-low abrasive index, absorbs less heat, is UV resistant, won't separate like sand/crumb rubber mixtures, and is a safe alternative for those concerned about potential health issues associated with crumb rubber. FlexSand Action contains no heavy metals or harmful chemical compounds.

Superior blade support

Since FlexSand Action won't separate and become layered like other infill types, grass blades are evenly supported and shock absorption is not compromised.

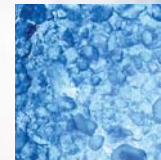


The FlexSand Action Advantage



UV resistant

Whereas rubber loses flexibility and elasticity when exposed to sunlight, FlexSand Action is UV resistant, and retains its shock absorption performance characteristics after exposure to the elements.



Keeps fields and players cooler

Elastomer coated sand absorbs less heat than black crumb rubber, and cools down faster. FlexSand Action keeps playing conditions more comfortable and safer.

Ultra-low abrasive index

The smooth elastomer coating significantly reduces abrasiveness, resulting in far less skin and eye irritation.



Absorbs shock

Independently tested FlexSand Action has excellent shock absorption characteristics. The product conforms to the ASTM sub-committee guidelines for short and long term shock absorption and has received UEFA certification in specific constructions.

Reduced "kick out"

FlexSand Action is heavier than crumb rubber, and stays in place at the base of the synthetic turf blades. Kick-out reduction helps to maintain an even distribution of infill.

Wash-out resistance

FlexSand Action won't float and wash away, greatly reducing maintenance, the need to replace infill material, and the potential for hazardous runoff issues.



Won't cling to skin or uniforms

FlexSand Action does not carry a static charge, so it doesn't stick to the player's skin or uniforms. This makes it far less likely to cause further irritation to wounds or skin abrasions, or to be carried away from the field by the player.

