



A FUSION OF NATURE AND ENGINEERING

Fusion GT

THE UNIQUE INFILL MADE FROM REGROWABLE RAW MATERIALS

- Optimum playing qualities
- Natural climate regulation
- Protection against injury
- Long lifespan

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FOOTBALL ■ MULTISPORT



With Fusion GT Green Technology infill, Polytan is presenting a completely newly developed infill which combines the benefits of our highly advanced synthetic granules with those of a natural raw material: Fusion GT is based on tried-and-tested EPDM in combination with quick-regrowing raw materials. A perfect fusion of nature and engineering – with extraordinary properties.



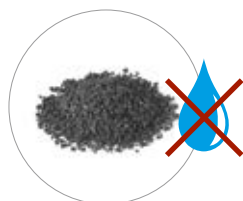
NATURAL EVAPORATION COOLING DUE TO NATURAL FIBRE GRANULES

Just like the natural turf substrate, the new Fusion GT infill is able to store moisture and release it again evenly. The result is natural evaporation, keeping the synthetic turf pleasantly cool, even at high temperatures. Of all the natural materials available, the natural fibres used provide some of the most effective water storage available. This means that Fusion GT infill is able to store multiples of its own weight in moisture – without the surface of the synthetic turf becoming slippery.

STORAGE CAPACITY

Fusion GT: 2.2 litres per square metre

Conventional infill: no storage capacity



TEMPERATURE REDUCTION

Fusion GT: Temperature reduction of up to -15 ° C

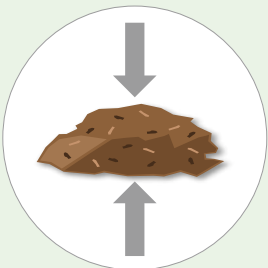
Conventional infill: no temperature reduction





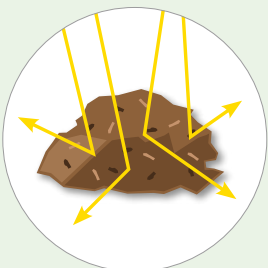
DURABLE IN HEAVY SPORTING USE AND ANY WEATHER

Infill granules need to function perfectly at all times. They are directly exposed to the weather, and should always provide consistently high performance, including in heat and in temperatures below freezing; daily stress over the course of many years places demanding requirements on the wear resistance of the small rubber granules. The stable formula and highly advanced procedural technology offered by Fusion GT guarantees that these requirements are fulfilled.



PERFECTLY PLAYABLE THANKS TO THE PROVEN PROPERTIES OF POLYTAN RUBBER

The EDP components contained in Fusion GT infill ensure the proven advantages of new rubber granules: permanently elastic, soft and skin-friendly materials for player comfort, even granule distribution and natural shaping, as well as low bulk weight due to the fibre components, for economic material use.



NATURAL COLOURING

The natural brown colour also makes the product look more like natural grass. The pigmentation has been carefully selected to achieve similar light reflection as with green infill, meaning that the temperature-related benefits compared with dark or black infill are fully retained.



GREEN
technology

POLYTAN GREEN TECHNOLOGY

Polytan has always attributed great importance to sustainability and environmental compatibility. We are a responsible one-stop supplier. We ensure appropriate and careful use of resources in all phases of our products' lifecycle – from selecting raw materials to production, installation and use, right through to disposal and recycling.

Polytan's "Green Technology" marks out a new generation of highly developed products that

bring together cutting-edge technological expertise from the plastics industry with the functional and ecological benefits of natural, regrowable raw materials. This means that Polytan consistently meets its own demands for environmentally friendly products, whilst also giving those products more natural characteristics for games and sports. And of course, Green Technology products from Polytan also meet all the usual health and safety specifications.

THE ENVIRONMENT AND HEALTH

Keeping it natural is not just a slogan with Fusion GT; it's also important in ensuring the product offers excellent environmental and health protection. We want to meet the strictest requirements, and so go much further than legislation requires.



TOY STANDARD EN 71-3, SAFE GAMES

- Compliant with toy standard EN 71-3
- Low-dust and safe from a health perspective



REACH DIRECTIVE, CLEAN AND VERIFIED

- Fulfils the limit for PAK REACH regulation (EC) no. 1907/2006, Annex XVII, entry 50
- Safe in all applications



WATER PROTECTION FOR THE GROUND AND BODIES OF WATER

- Developed specifically to protect surface, ground and drinking water
- Fulfils the standard requirements of national and international standards