



Edget Cut Infill



Infill Bionic Fibre



Natural material

Durability

Lasts over the lifetime of an artificial turf

Lasts over the lifetime of an artificial turf

Lasts only a few years, decomposes

Structure and grain shape

Edged, plan cut

Natural surface, organic shape

Natural surface, organic shape

Grain distribution and dust

Constantly optimized, dust-free material

Constantly optimized, dust-free, optimized sieve curve

Irregular, change trough decomposition, dust formation

Recycling

Reusable

Reusable

Compostable, if 100% natural fibre

Bacteria, allergens, fungus and weeds

Antibacterial, anti-fungicide

Antibacterial, anti-fungicide

Decomposes, can contain of form allergens, susceptible for fungus, microorganisms, and weed

Water absorption

Less adhering water

Adhering water to the surface by its organic form (no absorption)

Binds water by absorption

Weather-dependent playing properties and drainage

Constantly elastic properties, no compaction, no freezing, optimal drainage

Constantly elastic properties, no compaction, no freezing, optimal drainage

Hardening at frost (frost damage), drying out in summer (dust, missing elasticity), decreasing drainage, loss of damping by floating

Play characteristics

Soft, optimal traction, promotes the technical game

Pleasant soft, encourages tacklings, natural game by natural sliding

Depending on the material: wooden, sharp and rough on skin, blunt and dry

Discharge and flushing

Does not float on water and stays in place, this means less maintenance

Does not float on water and stays in place, this means less maintenance

Floats on water (density < 1g/cm³) discharge trough water and wind (erosion)

Flame-retardant

Available as C_{fl}s1 (B1) material

Available as C_{fl}s1 (B1) material

Flammable

Damping

Edged grain shape with air between the granules

Soft bulk material, air cushions by an organic shape

Soft bulk material by a cellular structure