

INFILL COMPARISON CHART

	Expected Lifetime	Benefits	Drawbacks	Sustained Evaporative Cooling?
Standard Silica Sand	Long lasting, however can migrate over time. A % of material to be replenished annually.	Economical. Widely available, low price point.	Angular edges and variable particle size grading , will compact if area is high traffic. More abrasive than alternatives.	No
Rubber - EDPM	Long lasting, however can migrate over time. A % of material will need to replenish as turf gets used.	Virgin rubber that can be made in any color. Extremely durable, low maintenance option.	EPDM infill not as readily available as recycled crumb rubber. Can be the most expensive of any infill. Tends to get hotter than alternative infills.	No
Rubber - Crumb	Long lasting, however can migrate over time. A % of material will need to replenish as turf gets used.	Provides proper footing and shock attenuation. Can improve HIC and GMAX rating. Does not require shock pad.	Tends to get hotter than alternative infills. Amount of material needed. up to 3-4 lbs. Requires maintenance or grooming yearly.	No
Organics Walnuts, Wood chips, etc	High % of material needs to be replenished annually.	Organic based. Can improve HIC / GMAX rating when combined with a shock pad.	Quickly degrades /rots. Needs to be replenished frequently.	No Extremely short term cooling.
Acrylic Coated Sand	Long lasting, however can migrate over time. May need to replenish as turf gets used.	Performance size grades available. Most contain antimicrobials.	Most considered microplastics due to particle size. Some contain heavy metal antimicrobials, which can cause bio accumulation in the environment.	No
Zeolites	Material may need to be replenished every 2-3 years	Considered a good infill to use to help eliminate pet waste smells Readily available on west coast.	Tends to be very dusty, will crush, and degrade very quickly. ADsorbs as opposed to ABsorbs	No Extremely short term cooling.
T°COOL	Long lasting, however can migrate over time. May need to replenish as turf gets used.	Performance size grades available. Mitigates compaction. Sand contains biobased Antimicrobial. Cooling Up to 50°F for Multiple days	Due to shipping costs, can be slightly more expensive than alternative infill options.	Yes Up to 50°F for multiple days