



Aggregate Technical Data Sheet

TruStride™ · LiteStride™ · SteadiGait™ · EquiBlend™ · SoftShoe™

This sieve analysis documents the aggregate gradation for stone dust / screenings used as the base layer beneath IGK Equestrian wax-coated synthetic arena surfaces.

MATERIAL SPECIFICATION

Stone Dust / Screenings — Limestone

Material Type: Stone Dust / Screenings

Rock Type: Limestone

Test Method: Sieve Analysis — ASTM C136

Gradation: Minus 1/2" Screenings

SIEVE ANALYSIS — PERCENT PASSING

SIEVE SIZE	METRIC EQUIVALENT	% PASSING
1/2"	12.5 mm	100.0%
3/8"	9.5 mm	100.0%
1/4"	6.3 mm	100.0%
#4	4.75 mm	99.6%
#8	2.36 mm	77.1%
#10	2.0 mm	67.0%
#16	1.18 mm	44.9%
#20	0.85 mm	35.6%
#30	0.6 mm	27.6%
#40	0.425 mm	22.4%
#50	0.3 mm	18.0%
#80	0.18 mm	13.5%
#100	0.15 mm	12.3%
#200	75 µm	9.0%

Note: All IGK synthetic arena surfaces are installed directly over a stone dust base layer. Conformance to this gradation specification ensures optimal wax adhesion and long-term surface performance across TruStride™, LiteStride™, and EquiBlend™ product lines. For pre-installation consultation, contact IGK Equestrian at igkequestrian.com.