

CoolStrike Lubricated Backup Material



Benefits

- Reduced cost per hole drilled with higher hit counts
- Increased stack heights while drilling
- Excellent drill cleaning
- Better hole wall results
- Lower overall drilling costs

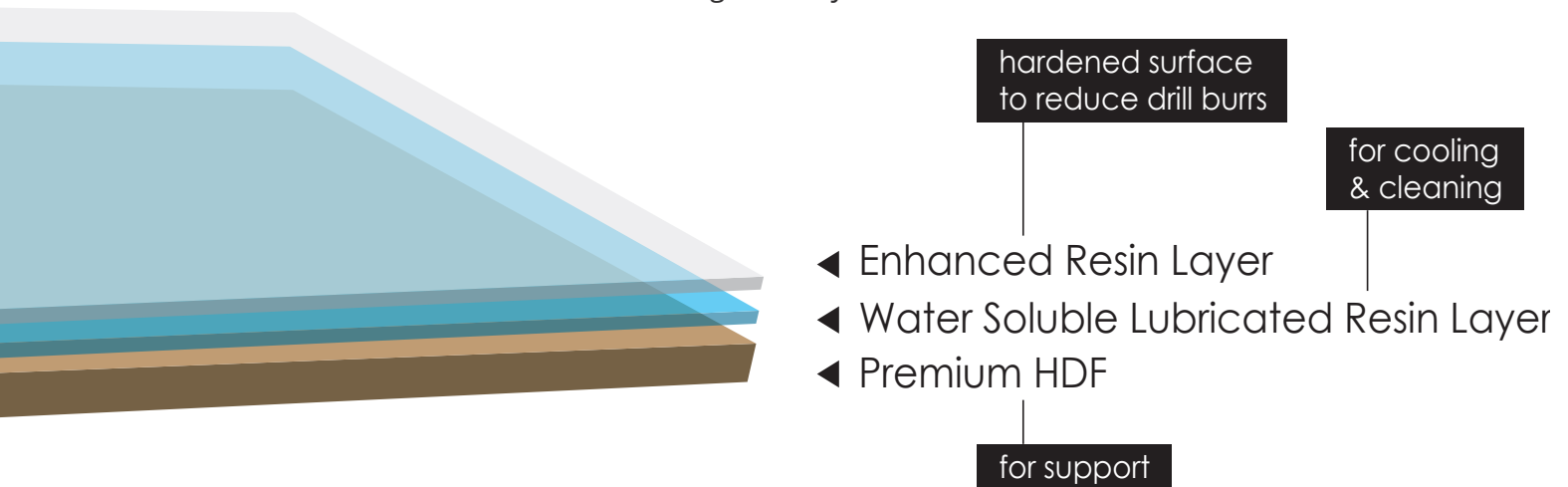
Premium Backup Material for Superior Drilling Applications

CoolStrike is a specialized, lubricated drill backing board material that cools, cleans, and lubricates tools during the drilling process. The composite material includes a unique resin system that maximizes drill life while minimizing drill bit temperature.

Highly accurate and predictable, this material provides reduced drill temperatures while minimizing drill wear and heat related drill hole defects. CoolStrike accomplishes this with a unique resin lubricant that reduces hole wall roughness and extends drill life. The resin system offers a low melting point and is water soluble.

Construction

The 3 component construction is comprised of a Premium HDF 0.09" core for support, a water soluble lubricant resin 0.03" layer for cooling and cleaning followed by an enhanced resin 0.05"- 0.075" layer which provides surface hardness to significantly reduce drill burrs.



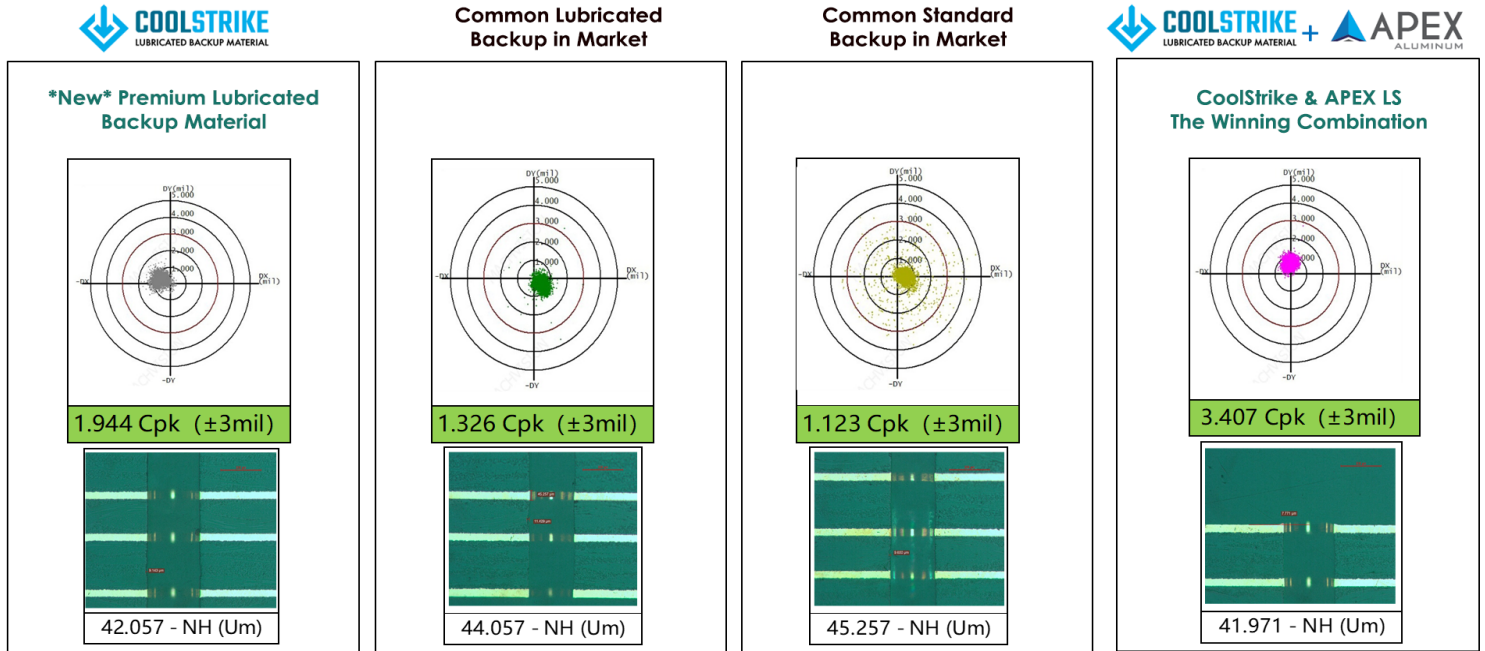
Specifications

Thickness	2.50mm ± 10%	0.098"
Density	≥ 800 kg/m ³	
Surface Hardness	≥ 72 Shore D	
Warp	≤ 0.9%	
Sizes	940 x 1245mm	37 x 49"
	1041 x 1245mm	41 x 49"
	1092 x 1245mm	43 x 49"
	510 x 610mm	20 x 24"



THE WINNING COMBINATION

CoolStrike shows much improved accuracy and hole wall roughness, over other leading backup materials. Drilling temperatures are the best ever demonstrated with an entry and backup material.



*CPK mathematical calculation based on data to establish accuracy of drilling processes

Material Comparison Test Results

- Better registration characteristics
- Better hole wall quality
- A lubricated backup solution that is best of class
- Cooler drilling temperatures
- A surface burring solution
- Lower drill wear and breakage

Rank	Backup Material	Entry Material	CpK	NH	Roughness
All-Star	CoolStrike	Apex LS	3.407	41.971	7.314
1	CoolStrike	.007" Solid Alum.	1.944	42.057	8.143
2	Competitor Lubricated B/U	.007" Solid Alum.	1.326	44.057	9.457
3	Competitor Standard B/U	.007" Solid Alum.	1.1231	45.257	11.429



TORONTO
 1124 Mid-Way Boulevard,
 Mississauga, ON L5T 2C1
 Phone (905) 670-8400
 Fax (905) 670-8420
Toll-free 1-800-668-5447

SANTA ANA
 2730 S. Main Street,
 Santa Ana, CA 92707
 Phone (714) 825-0404
 Fax (714) 825-0406

SANTA CLARA
 3261 Edward Avenue,
 Santa Clara, CA 95054
 Phone (408) 477-2963
 Fax (408) 564-7047

CHICAGO
 770 Creel Drive,
 Wood Dale, IL 60191
 Phone (630) 475-8753

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