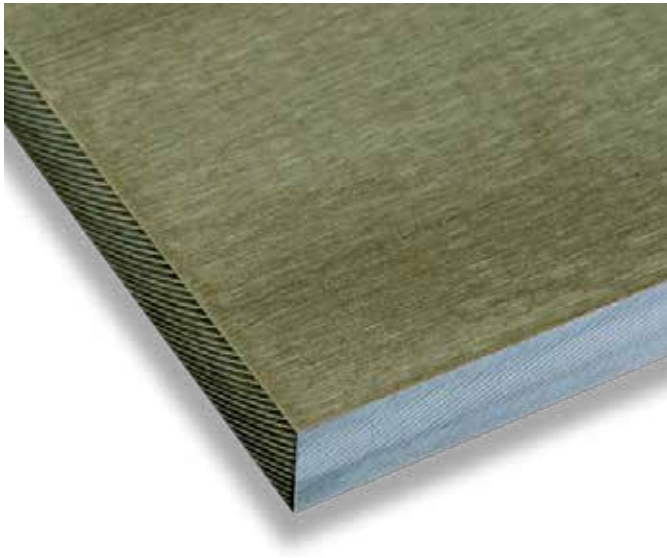




# RAYFORM DURACORE

www.essentialpro.net | 800-331-8811

Innovative technology allows for virtually “warp free” durability.



## Rayform DuraCore Dieboard

### TECHNICAL INFORMATION

#### General Properties:

- Virtually “Warp Free”
- Outstanding stability (less than .005”)
- Outstanding rule holding strength
- Re-knife’s easily with no slot expansion
- Laser cuts at 45”/min or higher
- Consistent kerf width’s
- Impervious to moisture
- Withstands high temperatures
- Sold by the piece

Linear Expansion	% Chg	<.005
Density	g / cc	1.38
Thickness Variation	inches	+/- .005
Squareness	inches	.25
Warp / Twist	inches	< .005
Moisture Content	%	< .3
Water Absorption (24 hr)	%	2%
Flexural Strength	psi	32,000
Flexural Modulus	psi	2,000,000
Compressive Strength	psi	40,000
Compressive Deflection	@7000 psi	.03 in
Internal Bond Strength	pounds	1,100
Impact Strength (w grain)	ft. lbs. / in.	1.2
Impact Strength (x grain)	ft. lbs. / in.	1.2
Rockwell Hardness	M-Scale	110
Laser Cutting Speed	in. / min.	> 45 in.

#### ▶ rotary boards

Rayform Rotary  
TruLine Rotary  
Exact Rotary  
Maple Rotary  
Beech Rotary

#### ▶ flat boards

Rayform DuraCore  
Rayform PolyCore  
Rayform DuraPly  
Exact Board  
Premium Maple  
Standard Maple  
Premium Euro Birch  
Premium Coated Euro Birch

#### ▶ specialty products

EP CounterPlate  
DuraBlanker  
One Step Perma-Bond  
PowerPlate  
EP Channel Bits

**Notes: Rayform DuraCore Dieboards are sold by the piece.  
Contact your Essential Products Representative for a sample.**

