

# ASTM LAB RESULTS

COMPLETED 01/20/2020

## FOND DU LAC, WI

ASTM - C170

COMPRESSIVE STRENGTH 

23,530 PSI	PERPENDICULAR TO RIFT, WET
31,010 PSI	PERPENDICULAR TO RIFT, DRY
26,050 PSI	PARALLEL TO RIFT, WET
28,300 PSI	PARALLEL TO RIFT, DRY

ASTM - C97

ABSORPTION & SPECIFIC GRAVITY 

.32%	WATER ABSORPTION
2.80	BULK SPECIFIC GRAVITY

ASTM - C880

FLEXURAL STRENGTH 

1,640 PSI	AVERAGE FLEXURAL STRENGTH, WET
2,040 PSI	AVERAGE FLEXURAL STRENGTH, DRY



DENSITY: 175 LBS/FT<sup>3</sup>



DOLOMITIC LIMESTONE



LIGHT TO DARK GRAY, SILVER, BROWN, BUFF

## OAKFIELD, WI

ASTM - C170

COMPRESSIVE STRENGTH 

24,740 PSI	PERPENDICULAR TO RIFT, WET
31,490 PSI	PERPENDICULAR TO RIFT, DRY
27,060 PSI	PARALLEL TO RIFT, WET
25,060 PSI	PARALLEL TO RIFT, DRY

ASTM - C97

ABSORPTION & SPECIFIC GRAVITY 

.29%	WATER ABSORPTION
2.81	BULK SPECIFIC GRAVITY

ASTM - C880

FLEXURAL STRENGTH 

1,010 PSI	AVERAGE FLEXURAL STRENGTH, WET
1,020 PSI	AVERAGE FLEXURAL STRENGTH, DRY



DENSITY: 176 LBS/FT<sup>3</sup>



DOLOMITIC LIMESTONE



BEIGE, TAN, GRAY, BROWN, EARTH TONES





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STONE  
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# ASTM LAB RESULTS

COMPLETED 01/20/2020

## MOSINEE, WI

ASTM - C170		COMPRESSIVE STRENGTH 	ASTM - C97		ABSORPTION & SPECIFIC GRAVITY 	
18,360 PSI	PERPENDICULAR TO RIFT, WET		1.04%	WATER ABSORPTION		
17,510 PSI	PERPENDICULAR TO RIFT, DRY		2.44	BULK SPECIFIC GRAVITY		
15,300 PSI	PARALLEL TO RIFT, WET		ASTM - C880			
16,530 PSI	PARALLEL TO RIFT, DRY					
		460 PSI	AVERAGE FLEXURAL STRENGTH, WET			
		480 PSI	AVERAGE FLEXURAL STRENGTH, DRY			



DENSITY: 152 LBS/FT<sup>3</sup>





QUARTZITIC SANDSTONE



CREAM, LIGHT TAN, BROWN, SOME HORIZONTAL STRIPING

## BEAVER DAM, WI

ASTM - C170		COMPRESSIVE STRENGTH 	ASTM - C97		ABSORPTION & SPECIFIC GRAVITY 	
24,970 PSI	PERPENDICULAR TO RIFT, WET		0.57%	WATER ABSORPTION		
26,360 PSI	PERPENDICULAR TO RIFT, DRY		2.76	BULK SPECIFIC GRAVITY		
25,110 PSI	PARALLEL TO RIFT, WET		ASTM - C880			
29,220 PSI	PARALLEL TO RIFT, DRY					
		1,100 - 1,260 PSI	AVERAGE FLEXURAL STRENGTH, WET			
		1,430 - 1,590 PSI	AVERAGE FLEXURAL STRENGTH, DRY			



DENSITY: 173 LBS/FT<sup>3</sup>



DOLOMITIC LIMESTONE



GOLDEN BROWN, TAN, SOME LIGHT BLUE SHADING



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