

Technical Service Report



Revision: 0

ACE Laboratories
6800 N. Chestnut St.
Ravenna, OH 44266
330-577-4088



Project: **TX08K4A**
 Date: **10/29/2024**
 Revision: **0**

Customer

<u>Account Name</u>	<u>Quote No</u>	<u>Contact Name</u>	<u>Contact Email</u>
Millboard Inc.	Q24-33279	Stefan Holmes	stefan.holmes@millboard.co.uk

Samples Received

<u>Number</u>	<u>Name</u>	<u>Sample Condition</u>	<u>Provided By</u>	<u>Received</u>
01	Weathered Oak Driftwood	Acceptable	Customer	10/8/2024 3:28:05 PM
02	Enhanced Grain Golden Oak	Acceptable	Customer	10/8/2024 3:28:05 PM
03	Enhanced Grain Antique Oak	Acceptable	Customer	10/8/2024 3:28:05 PM
04	Weathered Oak Vintage	Acceptable	Customer	10/8/2024 3:28:05 PM
05	Weathered Oak Embered	Acceptable	Customer	10/8/2024 3:28:05 PM
06	Enhanced Grain Brushed Basalt	Acceptable	Customer	10/8/2024 3:28:05 PM
07	Enhanced Grain Jarrah	Acceptable	Customer	10/8/2024 3:28:05 PM
08	Enhanced Grain Coppered Oak	Acceptable	Customer	10/8/2024 3:28:05 PM
09	Enhanced Grain Ebony Grey	Acceptable	Customer	10/8/2024 3:28:05 PM
10	Enhanced Grain Limed Oak	Acceptable	Customer	10/8/2024 3:28:05 PM
11	Enhanced Grain Ashwood	Acceptable	Customer	10/8/2024 3:28:05 PM
12	Enhanced Grain Burnt Cedar	Acceptable	Customer	10/8/2024 3:28:05 PM
13	Enhanced Grain Smoked Oak	Acceptable	Customer	10/8/2024 3:28:05 PM

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ASTM E1980 - Standard Practice for Calculating Solar Reflectance Index of Horizontal and Low-Sloped Opaque Surfaces

Sort	Sample Name	Method
01	Weathered Oak Driftwood	C1371 & C1549 & E1980

Description	Result	Conclusion
ASTM E1980 - Standard Practice for Calculating Solar Reflectance Index of Horizontal and Low-Sloped Opaque Surfaces	Solar Reflectance = 0.38 (0.384) Thermal Emittance = 0.88 SRI Medium = 42	N/A

Notes

Results are as reported with no acceptance criteria given.

ASTM E1980 - Standard Practice for Calculating Solar Reflectance Index of Horizontal and Low-Sloped Opaque Surfaces

Sort	Sample Name	Method
02	Enhanced Grain Golden Oak	C1371 & C1549 & E1980

Description	Result	Conclusion
ASTM E1980 - Standard Practice for Calculating Solar Reflectance Index of Horizontal and Low-Sloped Opaque Surfaces	Solar Reflectance = 0.38 (0.376) Thermal Emittance = 0.84 SRI Medium = 39	N/A

Notes

Results are as reported with no acceptance criteria given.

ASTM E1980 - Standard Practice for Calculating Solar Reflectance Index of Horizontal and Low-Sloped Opaque Surfaces

Sort	Sample Name	Method
03	Enhanced Grain Antique Oak	C1371 & C1549 & E1980

Description	Result	Conclusion
ASTM E1980 - Standard Practice for Calculating Solar Reflectance Index of Horizontal and Low-Sloped Opaque Surfaces	Solar Reflectance = 0.25 (0.246) Thermal Emittance = 0.84 SRI Medium = 22	N/A

Notes

Results are as reported with no acceptance criteria given.

ASTM E1980 - Standard Practice for Calculating Solar Reflectance Index of Horizontal and Low-Sloped Opaque Surfaces

Sort	Sample Name	Method
04	Weathered Oak Vintage	C1371 & C1549 & E1980
Description	Result	Conclusion
ASTM E1980 - Standard Practice for Calculating Solar Reflectance Index of Horizontal and Low-Sloped Opaque Surfaces	Solar Reflectance = 0.24 (0.235) Thermal Emittance = 0.88 SRI Medium = 23	N/A
Notes	Results are as reported with no acceptance criteria given.	

ASTM E1980 - Standard Practice for Calculating Solar Reflectance Index of Horizontal and Low-Sloped Opaque Surfaces

Sort	Sample Name	Method
05	Weathered Oak Embered	C1371 & C1549 & E1980
Description	Result	Conclusion
ASTM E1980 - Standard Practice for Calculating Solar Reflectance Index of Horizontal and Low-Sloped Opaque Surfaces	Solar Reflectance = 0.23 (0.225) Thermal Emittance = 0.87 SRI Medium = 21	N/A
Notes	Results are as reported with no acceptance criteria given.	

ASTM E1980 - Standard Practice for Calculating Solar Reflectance Index of Horizontal and Low-Sloped Opaque Surfaces

Sort	Sample Name	Method
06	Enhanced Grain Brushed Basalt	C1371 & C1549 & E1980
Description	Result	Conclusion
ASTM E1980 - Standard Practice for Calculating Solar Reflectance Index of Horizontal and Low-Sloped Opaque Surfaces	Solar Reflectance = 0.23 (0.233) Thermal Emittance = 0.86 SRI Medium = 21	N/A
Notes	Results are as reported with no acceptance criteria given.	

ASTM E1980 - Standard Practice for Calculating Solar Reflectance Index of Horizontal and Low-Sloped Opaque Surfaces

Sort	Sample Name	Method
07	Enhanced Grain Jarrah	C1371 & C1549 & E1980
Description	Result	Conclusion
ASTM E1980 - Standard Practice for Calculating Solar Reflectance Index of Horizontal and Low-Sloped Opaque Surfaces	Solar Reflectance = 0.25 (0.253) Thermal Emittance = 0.84 SRI Medium = 23	N/A
Notes	Results are as reported with no acceptance criteria given.	

ASTM E1980 - Standard Practice for Calculating Solar Reflectance Index of Horizontal and Low-Sloped Opaque Surfaces

Sort	Sample Name	Method
08	Enhanced Grain Coppered Oak	C1371 & C1549 & E1980
Description	Result	Conclusion
ASTM E1980 - Standard Practice for Calculating Solar Reflectance Index of Horizontal and Low-Sloped Opaque Surfaces	Solar Reflectance = 0.28 (0.280) Thermal Emittance = 0.84 SRI Medium = 27	N/A
Notes	Results are as reported with no acceptance criteria given.	

ASTM E1980 - Standard Practice for Calculating Solar Reflectance Index of Horizontal and Low-Sloped Opaque Surfaces

Sort	Sample Name	Method
09	Enhanced Grain Ebony Grey	C1371 & C1549 & E1980
Description	Result	Conclusion
ASTM E1980 - Standard Practice for Calculating Solar Reflectance Index of Horizontal and Low-Sloped Opaque Surfaces	Solar Reflectance = 0.25 (0.248) Thermal Emittance = 0.84 SRI Medium = 22	N/A
Notes	Results are as reported with no acceptance criteria given.	

ASTM E1980 - Standard Practice for Calculating Solar Reflectance Index of Horizontal and Low-Sloped Opaque Surfaces

Sort	Sample Name	Method
10	Enhanced Grain Limed Oak	C1371 & C1549 & E1980
Description	Result	Conclusion
ASTM E1980 - Standard Practice for Calculating Solar Reflectance Index of Horizontal and Low-Sloped Opaque Surfaces	Solar Reflectance = 0.46 (0.464) Thermal Emittance = 0.84 SRI Medium = 51	N/A
Notes	Results are as reported with no acceptance criteria given.	

ASTM E1980 - Standard Practice for Calculating Solar Reflectance Index of Horizontal and Low-Sloped Opaque Surfaces

Sort	Sample Name	Method
11	Enhanced Grain Ashwood	C1371 & C1549 & E1980
Description	Result	Conclusion
ASTM E1980 - Standard Practice for Calculating Solar Reflectance Index of Horizontal and Low-Sloped Opaque Surfaces	Solar Reflectance = 0.44 (0.439) Thermal Emittance = 0.83 SRI Medium = 48	N/A
Notes	Results are as reported with no acceptance criteria given.	

ASTM E1980 - Standard Practice for Calculating Solar Reflectance Index of Horizontal and Low-Sloped Opaque Surfaces

Sort	Sample Name	Method
12	Enhanced Grain Burnt Cedar	C1371 & C1549 & E1980
Description	Result	Conclusion
ASTM E1980 - Standard Practice for Calculating Solar Reflectance Index of Horizontal and Low-Sloped Opaque Surfaces	Solar Reflectance = 0.23 (0.233) Thermal Emittance = 0.85 SRI Medium = 21	N/A
Notes	Results are as reported with no acceptance criteria given.	

ASTM E1980 - Standard Practice for Calculating Solar Reflectance Index of Horizontal and Low-Sloped Opaque Surfaces

Sort	Sample Name	Method
13	Enhanced Grain Smoked Oak	C1371 & C1549 & E1980
Description	Result	Conclusion
ASTM E1980 - Standard Practice for Calculating Solar Reflectance Index of Horizontal and Low-Sloped Opaque Surfaces	Solar Reflectance = 0.40 (0.401) Thermal Emittance = 0.85 SRI Medium = 43	N/A
Notes		
Results are as reported with no acceptance criteria given.		

Testing Dates

10-08-2024 - 10-23-2024

Report Revisions

Revision Number	Revision Date	Description
2	10/29/2024	Fixed test 01's SRI Medium result from "0.42" to "42".
1	10/29/2024	Added sample names to report.
0	10/24/2024	Original

Report Written and/or Tested By:

Report Reviewed By:

ACE Laboratories is an ANAB accredited ISO/IEC 17025 testing laboratory. The laboratory's certificate number is AT-2601 and all data here within is included within the that laboratory scope unless otherwise marked.

The following report contains data, graphs, and other pertinent information in relation to the testing that ACE Laboratories performed for the customer specified above. Unless otherwise noted, all testing was performed on-premise at the ACE facility. This report and all information contained within are governed by Terms & Conditions sheet provided to the customer prior to the start of testing.

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