

American Walnut

Test Report: Florida Natural Exposure
Decoral LAB Research and Development
199

Florida Test | Total duration: 12 months

EXPOSURE PERIOD:
 FROM: 18/08/2011
 TO: 30/08/2012


LAB. ID NUMBER: 24665
 POWDER COATING: DG 405
 HEAT TRANSFER FILM: 1832/01L
 colour variation (ΔE): 2,29
 residual gloss: 85%

Technical Remarks:
 Excellent residual gloss and very low colour variation (ΔE).

Technical Opinion:
Suitable for OUTDOOR USE

Test was carried on samples prepared according to technical specifications supplied by raw materials manufacturers.

REQUIREMENTS:
 The residual gloss must be at least 50% of the original gloss. The final evaluation will be based on visual inspection with the naked eye.



Mod_TR_02_rev02 | Laboratory Decoral System | Date: 13/12/2012 | ID Report: TR-NE-199-2012

Test Report: Accelerated Weathering Test
Decoral LAB Research and Development
106

Laboratory Test | No. 682 | Device: Sol 3000RH | Total duration: 1000 h

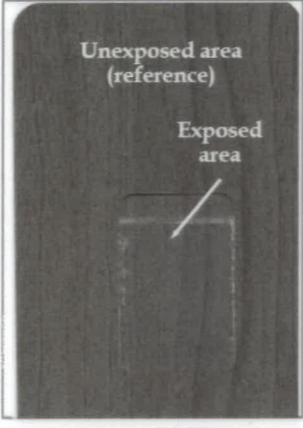
Unexposed area (reference)
Exposed area

LAB. ID NUMBER: 55656
 POWDER COATING: Mirror-107S
 HEAT TRANSFER FILM: 1832/01
 colour variation (ΔE): 8,51
 residual gloss: 91%

Technical Remarks:
 Excellent residual gloss and low variation (ΔE), after 1000 hours.

Technical Opinion:
Suitable for OUTDOOR USE

Test was carried on samples prepared according to technical specifications supplied by raw materials manufacturers. However, the resistance against accelerated weathering test is only one of the conditions necessary for the evaluation of the resistance of the finished product. For a final assessment see further analysis on natural exposure in Florida.



Mod_TR_01_rev03 | Laboratory Decoral System | Date: 12/09/2024 | ID Report: TR-IA-106-2024

Test Report: Accelerated Weathering Test
Decoral LAB Research and Development
107

Laboratory Test | No. 682 | Device: Sol 3000RH | Total duration: 1000 h

Unexposed area (reference)
Exposed area

LAB. ID NUMBER: 55956
 POWDER COATING: DS 772
 HEAT TRANSFER FILM: 1832/01
 colour variation (ΔE): 1,1
 residual gloss: 77%

Technical Remarks:
 Good residual gloss and low variation (ΔE), after 1000 hours.

Technical Opinion:
Suitable for OUTDOOR USE

Test was carried on samples prepared according to technical specifications supplied by raw materials manufacturers. However, the resistance against accelerated weathering test is only one of the conditions necessary for the evaluation of the resistance of the finished product. For a final assessment see further analysis on natural exposure in Florida.



Mod_TR_01_rev03 | Laboratory Decoral System | Date: 12/09/2024 | ID Report: TR-IA-107-2024

Test Report: Accelerated Weathering Test
Decoral LAB Research and Development
99

Laboratory Test | No. 682 | Device: Sol 3000RH | Total duration: 1000 h

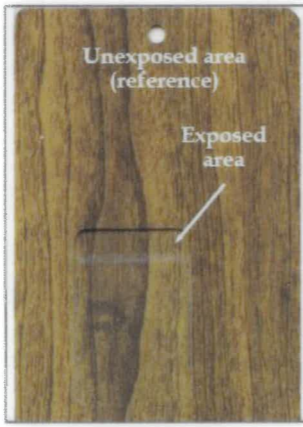
Unexposed area (reference)
Exposed area

LAB. ID NUMBER: 55647
 POWDER COATING: DS-07 185
 HEAT TRANSFER FILM: 1832/01
 colour variation (ΔE): 1,06
 residual gloss: 89%

Technical Remarks:
 Excellent residual gloss and low variation (ΔE), after 1000 hours.

Technical Opinion:
Suitable for OUTDOOR USE

Test was carried on samples prepared according to technical specifications supplied by raw materials manufacturers. However, the resistance against accelerated weathering test is only one of the conditions necessary for the evaluation of the resistance of the finished product. For a final assessment see further analysis on natural exposure in Florida.



Mod_TR_01_rev03 | Laboratory Decoral System | Date: 12/09/2024 | ID Report: TR-IA-99-2024

Test Report: Accelerated Weathering Test
Decoral LAB Research and Development
100

Laboratory Test | No. 682 | Device: Sol 3000RH | Total duration: 1000 h


Unexposed area (reference)
Exposed area

LAB. ID NUMBER: 55648
 POWDER COATING: 93-096-AD00
 HEAT TRANSFER FILM: 1832/01
 colour variation (ΔE): 8,64
 residual gloss: 88%

Technical Remarks:
 Good residual gloss and low variation (ΔE), after 1000 hours.

Technical Opinion:
Suitable for OUTDOOR USE

Test was carried on samples prepared according to technical specifications supplied by raw materials manufacturers. However, the resistance against accelerated weathering test is only one of the conditions necessary for the evaluation of the resistance of the finished product. For a final assessment see further analysis on natural exposure in Florida.



Mod_TR_01_rev03 | Laboratory Decoral System | Date: 12/09/2024 | ID Report: TR-IA-100-2024

Test Report: Florida Natural Exposure
Decoral LAB Research and Development
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Florida Test | Total duration: 12 months

EXPOSURE PERIOD:
 FROM: 20/08/2013
 TO: 21/08/2014

LAB. ID NUMBER: 32007
 POWDER COATING: DG 755
 HEAT TRANSFER FILM: 1832/01
 Colour variation (ΔE): 1,85
 residual gloss: 64%


Technical Remarks:
 Sufficient residual gloss and low colour variation (ΔE).

Technical Opinion:
Suitable for OUTDOOR USE

Test was carried on samples prepared according to technical specifications supplied by raw materials manufacturers.

REQUIREMENTS:
 The residual gloss must be at least 50% of the original gloss. The final evaluation will be based on visual inspection with the naked eye.

Unexposed area (reference)
Exposed area



Mod_TR_02_rev02 | Laboratory Decoral System | Date: 17/11/2014 | ID Report: TR-NE-144-2014

Suitability for outdoor use of different combinations between polyurethane Decorat System® Powder coatings and heat transfer film Decorat System® must be assessed on www.decorat-system.com. (link: **TESTED FOR OUTDOOR USE**) or contacting our laboratory.

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L' idoneità all'impiego in esterno degli abbinamenti tra prodotti vernicianti poliuretanic Decorat System® e film sublimatici Decorat System® dovrà essere valutata sul sito internet www.decorat-system.com (alla voce **FINITURE ADATTE PER USO ESTERNO**) oppure contattando il nostro laboratorio.

MRK-005-1173



Powder Coating: DS 403 + Heat Transfer Film: 1832/01



Powder Coating: DS 753 + Heat Transfer Film: 1832/01



Powder Coating: 9G-096-A009 + Heat Transfer Film: 1832/01



Powder Coating: DS-0716S + Heat Transfer Film: 1832/01



Powder Coating: DS 772 + Heat Transfer Film: 1832/01



Powder Coating: MIRROR-107S + Heat Transfer Film: 1832/01