Decoral System

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

Malawi Walnut

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

MRK-005-1176

Powder Coating: DS-0403S + Heat Transfer Film: 1829/01

Powder Coating: DS 775 + Heat Transfer Film: 1829/01

Powder Coating: DS-0739S + Heat Transfer Film: 1829/01

Powder Coating: DS-0421S + Heat Transfer Film: 1829/02

Powder Coating: DS-0733S + Heat Transfer Film: 1829/02

Powder Coating: DS-0721S + Heat Transfer Film: 1829/02

Walnut

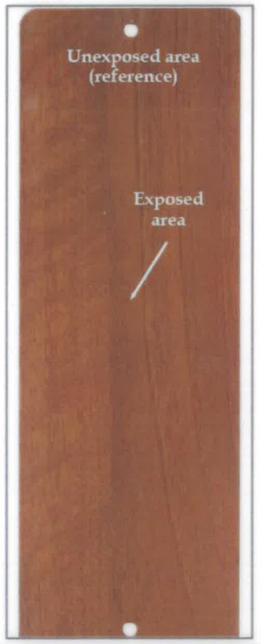
Malawi

Test Report: Florida Natural Exposure — Decoral LAB Research and Development — 71

Florida Test | Total duration: 12 months

EXPOSURE PERIOD
FROM: 19/01/2018
TO: 24/01/2019

LAB. ID NUMBER: 41586
POWDER COATING: DS-04219
HEAT TRANSFER FILM: 1829/02
Colour variation (ΔE): 1,27
residual gloss: 96%



Technical Remarks

Excellent residual gloss and normal colour variation (ΔE).

Technical Opinion:
Suitable for OUTDOOR USE

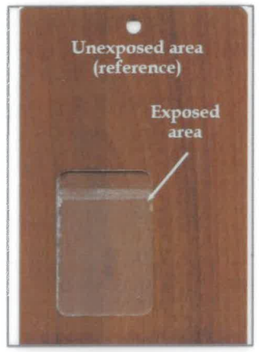
Test was carried on samples prepared according to technical specifications supplied by raw materials manufacturers.

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: 23/05/2019 | ID Report: TR-NE-71-2019

Test Report: Accelerated Weathering Test — Decoral LAB Research and Development — 170

Laboratory Test | No. 712 | Device: QSun 3000 | Total duration: 1179 h



LAB. ID NUMBER: 57524
POWDER COATING: DS 775
HEAT TRANSFER FILM: 1829/01
colour variation (ΔE): 1,6
residual gloss: 75%

Technical Remarks

Good residual gloss and low variation (ΔE), after 1179 hours.

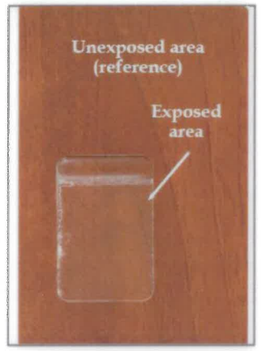
Technical Opinion:
Suitable for OUTDOOR USE

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: 13/10/2025 | ID Report: TR-IA-170-2025

Test Report: Accelerated Weathering Test — Decoral LAB Research and Development — 175

Laboratory Test | No. 712 | Device: QSun 3000 | Total duration: 1179 h



LAB. ID NUMBER: 57530
POWDER COATING: DS-07215
HEAT TRANSFER FILM: 1829/02
colour variation (ΔE): 1,25
residual gloss: 88%

Technical Remarks

Excellent residual gloss and low variation (ΔE), after 1179 hours.

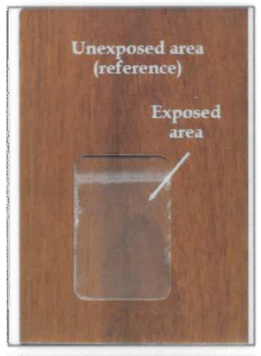
Technical Opinion:
Suitable for OUTDOOR USE

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: 13/10/2025 | ID Report: TR-IA-175-2025

Test Report: Accelerated Weathering Test — Decoral LAB Research and Development — 174

Laboratory Test | No. 712 | Device: QSun 3000 | Total duration: 1179 h



LAB. ID NUMBER: 57529
POWDER COATING: DS-07335
HEAT TRANSFER FILM: 1829/02
colour variation (ΔE): 0,91
residual gloss: 90%

Technical Remarks

Excellent residual gloss and low variation (ΔE), after 1179 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: 13/10/2025 | ID Report: TR-IA-174-2025

Test Report: Accelerated Weathering Test — Decoral LAB Research and Development — 168

Laboratory Test | No. 712 | Device: QSun 3000 | Total duration: 1179 h

LAB. ID NUMBER: 57522
POWDER COATING: DS-04035
HEAT TRANSFER FILM: 1829/01
colour variation (ΔE): 0,78
residual gloss: 87%

Technical Remarks

Excellent residual gloss and low variation (ΔE), after 1179 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: 13/10/2025 | ID Report: TR-IA-168-2025

Test Report: Accelerated Weathering Test — Decoral LAB Research and Development — 171

Laboratory Test | No. 712 | Device: QSun 3000 | Total duration: 1179 h

LAB. ID NUMBER: 57525
POWDER COATING: DS-07305
HEAT TRANSFER FILM: 1829/01
colour variation (ΔE): 1,15
residual gloss: 78%

Technical Remarks

Good residual gloss and low variation (ΔE), after 1179 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: 13/10/2025 | ID Report: TR-IA-171-2025