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.

# Oak & Cherry 3D

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-005-1104

*Powder Coating: DS 721 + Heat Transfer Film: 2313/02*

*Powder Coating: DS 739 + Heat Transfer Film: 2313/02*

*Powder Coating: DS 721 + Heat Transfer Film: 2313/05*

*Powder Coating: DS 775 + Heat Transfer Film: 2313/05*

*Powder Coating: DS 403 + Heat Transfer Film: 1439/02*

*Powder Coating: DS 772 + Heat Transfer Film: 1439/02*

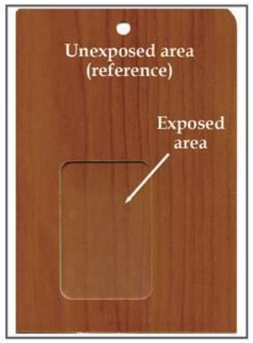
# Oak & Cherry 3D

**Test Report:** Accelerated Weathering Test

Decoral LAB Research and Development

339

Laboratory Test | No. 634 | Device: QSun 3000 | Total duration: 1129h




LAB. ID NUMBER: 53453
POWDER COATING: DS 772
HEAT TRANSFER FILM: 1439/02
Colour Variation (ΔE): **0,55**
residual gloss: **71%**

**Technical Remarks**

Good residual gloss and normal colour variation (ΔE), after 1129 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: 14/11/2022 | ID Report: TR-IA-339-2022

**Test Report:** Accelerated Weathering Test

Decoral LAB Research and Development

340

Laboratory Test | No. 634 | Device: QSun 3000 | Total duration: 1129h


LAB. ID NUMBER: 53455
POWDER COATING: DS 403
HEAT TRANSFER FILM: 1439/02
Colour Variation (ΔE): **1,39**
residual gloss: **52%**

**Technical Remarks**

Sufficient residual gloss and normal colour variation (ΔE), after 1129 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: 14/11/2022 | ID Report: TR-IA-340-2022

**Test Report:** Accelerated Weathering Test

Decoral LAB Research and Development

347

Laboratory Test | No. 634 | Device: QSun 3000 | Total duration: 1129h


LAB. ID NUMBER: 53465
POWDER COATING: DS 721
HEAT TRANSFER FILM: 2313/05
Colour Variation (ΔE): **1,32**
residual gloss: **70%**

**Technical Remarks**

Good residual gloss and normal colour variation (ΔE), after 1129 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: 14/11/2022 | ID Report: TR-IA-347-2022

**Test Report:** Accelerated Weathering Test

Decoral LAB Research and Development

344

Laboratory Test | No. 634 | Device: QSun 3000 | Total duration: 1129h


LAB. ID NUMBER: 53462
POWDER COATING: DS 775
HEAT TRANSFER FILM: 2313/05
Colour Variation (ΔE): **1,32**
residual gloss: **86%**

**Technical Remarks**

Excellent residual gloss and normal colour variation (ΔE), after 1129 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.

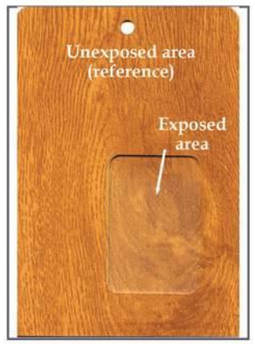
Mod_TR_01_rev03 | Laboratory Decoral System | Date: 14/11/2022 | ID Report: TR-IA-344-2022

**Test Report:** Accelerated Weathering Test

Decoral LAB Research and Development

349

Laboratory Test | No. 634 | Device: QSun 3000 | Total duration: 1129h




LAB. ID NUMBER: 53468
POWDER COATING: DS 739
HEAT TRANSFER FILM: 2313/02
Colour Variation (ΔE): **1,35**
residual gloss: **77%**

**Technical Remarks**

Excellent residual gloss and normal colour variation (ΔE), after 1129 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.

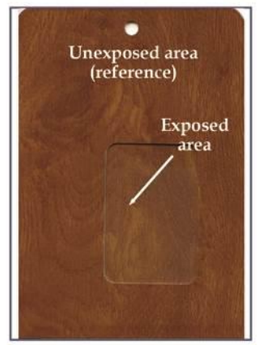
Mod_TR_01_rev03 | Laboratory Decoral System | Date: 14/11/2022 | ID Report: TR-IA-349-2022

**Test Report:** Accelerated Weathering Test

Decoral LAB Research and Development

342

Laboratory Test | No. 634 | Device: QSun 3000 | Total duration: 1129h




LAB. ID NUMBER: 53460
POWDER COATING: DS 721
HEAT TRANSFER FILM: 2313/02
Colour Variation (ΔE): **0,88**
residual gloss: **75%**

**Technical Remarks**

Good residual gloss and normal colour variation (ΔE), after 1129 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: 14/11/2022 | ID Report: TR-IA-342-2022