

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.

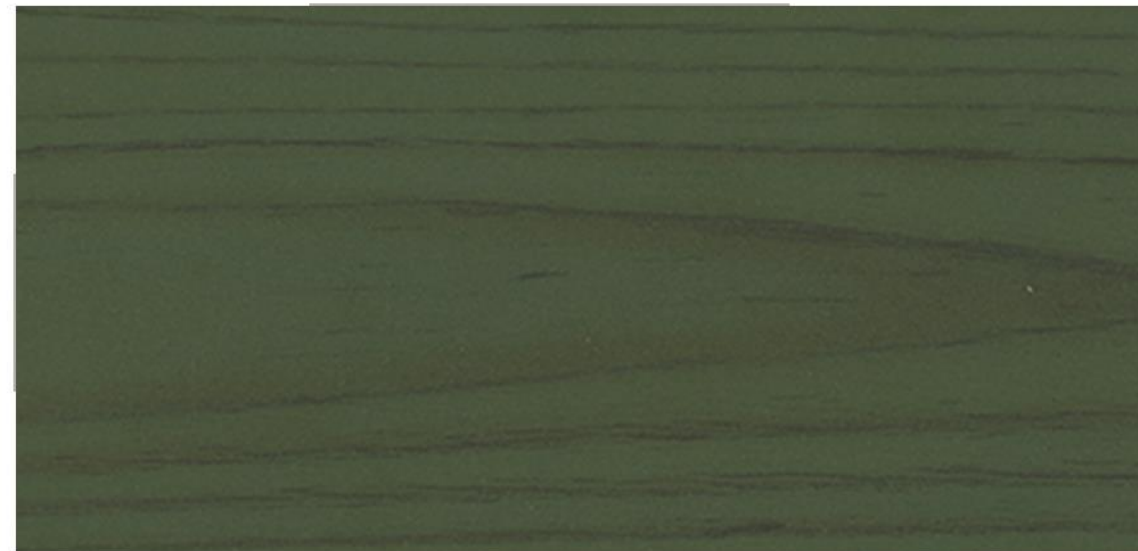
Foxtail Pine

L'idoneità all'impiego in esterno degli abbinamenti tra **prodotti vernicianti poliuretani 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-005-1057



Powder Coating: DS 730 + Heat Transfer Film: 2112/01



Powder Coating: DS 770 + Heat Transfer Film: 2112/01



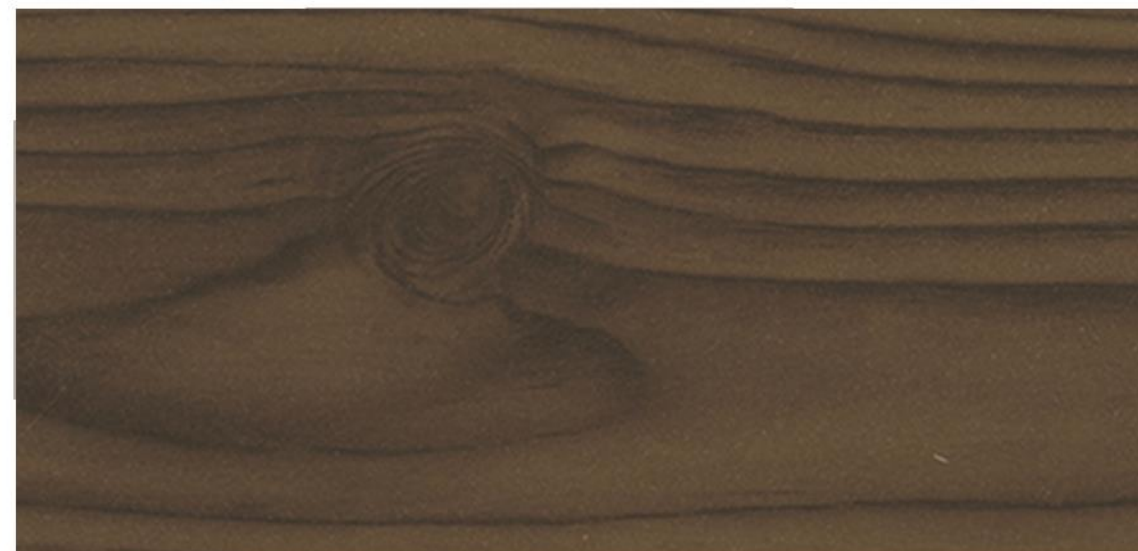
Powder Coating: DS 772 + Heat Transfer Film: 2112/01



Powder Coating: DS 739 + Heat Transfer Film: 2112/02




Powder Coating: DS 706 + Heat Transfer Film: 2112/02



Powder Coating: DS 775 + Heat Transfer Film: 2112/03

Test Report:
Accelerated
Weathering Test

Decoral LAB
Research and Development

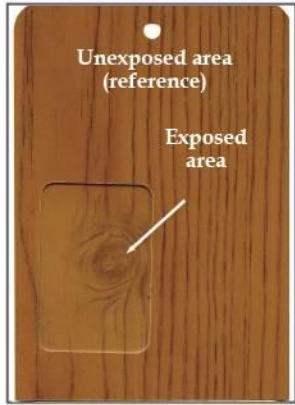
08

Laboratory
Test

No. 605

Device:
Sol 3000RH

Total duration:
1139h



Unexposed area
(reference)

Exposed
area

LAB. ID NUMBER: 51430
POWDER COATING: DS 772
HEAT TRANSFER FILM: 2112/01
Colour Variation (ΔE): 1,05
residual gloss: 87%

Technical Remarks
Excellent residual gloss and low colour variation (ΔE),
after 1139 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: 09/02/2022

ID Report: TR-IA-08-2022

Test Report:
Accelerated
Weathering Test

Decoral LAB
Research and Development

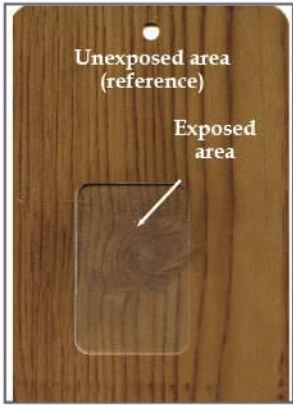
108

Laboratory
Test

No. 617

Device:
Sol 3000RH

Total duration:
1216h



Unexposed area
(reference)

Exposed
area

LAB. ID NUMBER: 51710
POWDER COATING: DS 775
HEAT TRANSFER FILM: 2112/03
Colour Variation (ΔE): 1,63
residual gloss: 85%

Technical Remarks
Excellent residual gloss and normal colour variation (ΔE),
after 1216 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: 15/07/2022

ID Report: TR-IA-108-2022

Test Report:
Accelerated
Weathering Test

Decoral LAB
Research and Development

106

Laboratory
Test

No. 617

Device:
Sol 3000RH

Total duration:
1216h



Unexposed area
(reference)

Exposed
area

LAB. ID NUMBER: 51692
POWDER COATING: DS 739
HEAT TRANSFER FILM: 2112/02
Colour Variation (ΔE): 1,18
residual gloss: 97%

Technical Remarks
Excellent residual gloss and normal colour variation (ΔE),
after 1216 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: 15/07/2022

ID Report: TR-IA-106-2022


Test Report:
Florida Natural
Exposure

Decoral LAB
Research and Development

02

Florida
Test

Total duration:
12 months

EXPOSURE PERIOD:

FROM: 21/11/2019
TO: 11/01/2021


LAB. ID NUMBER: 46231
POWDER COATING: DS 730
HEAT TRANSFER FILM: 2112/01
Colour variation (ΔE): 2,01
residual gloss: 89%

Technical Remarks
Excellent residual gloss and sufficient 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: 09/02/2022

ID Report: TR-NE-02-2022

Test Report:
Accelerated
Weathering Test

Decoral LAB
Research and Development

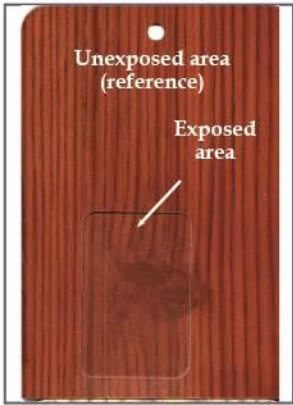
107

Laboratory
Test

No. 617

Device:
Sol 3000RH

Total duration:
1216h



Unexposed area
(reference)

Exposed
area

LAB. ID NUMBER: 51697
POWDER COATING: DS 706
HEAT TRANSFER FILM: 2112/02
Colour Variation (ΔE): 1,26
residual gloss: 89%

Technical Remarks
Excellent residual gloss and normal colour variation (ΔE),
after 1216 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: 15/07/2022

ID Report: TR-IA-107-2022

Test Report:
Accelerated
Weathering Test

Decoral LAB
Research and Development

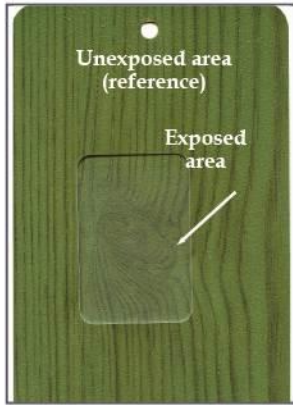
09

Laboratory
Test

No. 600

Device:
QSun 3000

Total duration:
1303h



Unexposed area
(reference)

Exposed
area

LAB. ID NUMBER: 50616
POWDER COATING: DS 770
HEAT TRANSFER FILM: 2112/01
Colour Variation (ΔE): 1,22
residual gloss: 86%

Technical Remarks
Excellent residual gloss and low colour variation (ΔE),
after 1303 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: 09/02/2022

ID Report: TR-IA-09-2022

Foxtail Pine