

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.

FORSYTHIA



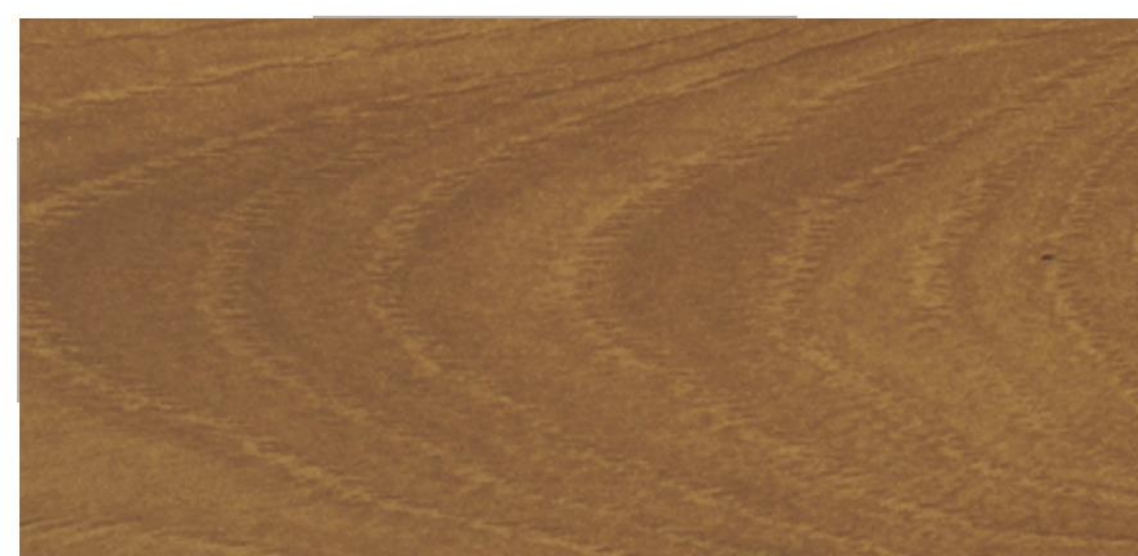
Powder Coating: DS 716 + Heat Transfer Film: 1602/01



Powder Coating: DS-0733S + Heat Transfer Film: 2001/02



Powder Coating: DS-0721S + Heat Transfer Film: 1602/01



Powder Coating: DS 739 + Heat Transfer Film: 2001/02



Powder Coating: DS 739 + Heat Transfer Film: 1602/01



Powder Coating: DS 772 + Heat Transfer Film: 2001/02

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.

Test Report:
Accelerated
Weathering Test

Decoral LAB
Research and Development

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Laboratory Test

No. 590

Device: Solar 3000RH

Total duration: 1273h

Unexposed area (reference)

Exposed area

LAB. ID NUMBER: 49434
POWDER COATING: DS-07215
HEAT TRANSFER FILM: 1602/01
Colour Variation (ΔE): 0.37
residual gloss: 96%

Technical Remarks
Excellent residual gloss and normal colour variation (ΔE), after 1273 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: 06/04/2022 ID Report: TR-IA-32-2022

Test Report:
Accelerated
Weathering Test

Decoral LAB
Research and Development

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Laboratory Test

No. 608

Device: Sol 3000RH

Total duration: 1200h

Unexposed area (reference)

Exposed area

LAB. ID NUMBER: 51535
POWDER COATING: DS-07335
HEAT TRANSFER FILM: 2001/02
Colour Variation (ΔE): 0.87
residual gloss: 91%

Technical Remarks
Excellent residual gloss and normal colour variation (ΔE), after 1200 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: 06/04/2022 ID Report: TR-IA-55-2022

Test Report:
Florida Natural
Exposure

Decoral LAB
Research and Development

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Florida Test

Total duration: 12 months

EXPOSURE PERIOD:
FROM: 19/10/2021
TO: 19/10/2022

LAB. ID NUMBER: 50885
POWDER COATING: DS 739
HEAT TRANSFER FILM: 2001/02
Colour variation (ΔE): 2.21
residual gloss: 51%

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: 07/03/2023 ID Report: TR-NE-33-2023

Test Report:
Florida Natural
Exposure

Decoral LAB
Research and Development

105

Florida Test

Total duration: 12 months

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

LAB. ID NUMBER: 41678
POWDER COATING: DS 739
HEAT TRANSFER FILM: 1602/01
Colour variation (ΔE): 1.14
residual gloss: 79%

Technical Remarks
Good 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.

Unexposed area (reference)

Exposed area

Mod_TR_02_rev02 Laboratory Decoral System Date: 23/05/2019 ID Report: TR-NE-105-2019

Test Report:
Florida Natural
Exposure

Decoral LAB
Research and Development

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Florida Test

Total duration: 12 months

EXPOSURE PERIOD:
FROM: 12/08/2010
TO: 17/08/2011

LAB. ID NUMBER: 22457
POWDER COATING: DS 716
HEAT TRANSFER FILM: 1602/01L
colour variation (ΔE): 1.49
residual gloss: 64%

Technical Remarks
Good 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.

Unexposed area (reference)

Exposed area

Mod_TR_02_rev02 Laboratory Decoral System Date: 22/11/2011 ID Report: TR-NE-120-2011

Test Report:
Florida Natural
Exposure

Decoral LAB
Research and Development

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Florida Test

Total duration: 12 months

EXPOSURE PERIOD:
FROM: 01/05/2021
TO: 01/05/2022

LAB. ID NUMBER: 90041
POWDER COATING: DS 772
HEAT TRANSFER FILM: 2001/02
colour variation (ΔE): 1.83
residual gloss: 60%

Technical Remarks
Sufficient 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.

Unexposed area (reference)

Exposed area

Mod_TR_02_rev02 Laboratory Decoral System Date: 20/12/2022 ID Report: TR-NE-51-2022

FORSYTHIA