

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.

MINERAL EFFECT



Powder Coating: Mirror-140S + Heat Transfer Film: 5026/02



Powder Coating: Mirror-007 + Heat Transfer Film: 5025/02



Powder Coating: Mirror-107S + Heat Transfer Film: 2502/12



Powder Coating: DS-0706S + Heat Transfer Film: 5015/08



Powder Coating: 9G-058-A004 + Heat Transfer Film: 5015/08



Powder Coating: 9C-158-A001 + Heat Transfer Film: 6052/08

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.

MINERAL EFFECT

Test Report: Accelerated Weathering		Decoral LAB Research and Development		107
Laboratory Test	No. 447	Device: Sol 3000	Total duration: 1151h	
Unexposed area (reference) Exposed area				
LAB ID NUMBER: 37154 POWDER COATING: 9C-155-A001 HEAT TRANSFER FILM: 6052/08 Colour Variation (ΔE): 2.09 residual gloss: 98%				
Technical Remarks Excellent residual gloss and low colour variation (ΔE), after 1151 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: 07/09/2015 ID Report: TR-IA-107-2015				

Test Report: Accelerated Weathering		Decoral LAB Research and Development		162
Laboratory Test	No. 456	Device: QSun 3000	Total duration: 1147h	
Unexposed area (reference) Exposed area				
LAB ID NUMBER: 38218 POWDER COATING: 09-07068 HEAT TRANSFER FILM: 5015/08 Colour Variation (ΔE): 0.85 residual gloss: 82%				
Technical Remarks Good residual gloss and low colour variation (ΔE), after 1147 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: 19/12/2015 ID Report: TR-IA-162-2015				

Test Report: Accelerated Weathering		Decoral LAB Research and Development		164
Laboratory Test	No. 456	Device: QSun 3000	Total duration: 1147h	
Unexposed area (reference) Exposed area				
LAB ID NUMBER: 38218 POWDER COATING: 09-058-A004 HEAT TRANSFER FILM: 5015/08 Colour Variation (ΔE): 1.11 residual gloss: 81%				
Technical Remarks Excellent residual gloss and low colour variation (ΔE), after 1147 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: 19/12/2015 ID Report: TR-IA-164-2015				

Test Report: Florida Natural Exposure		Decoral LAB Research and Development		49
Florida Test	Total duration: 12 months			
EXPOSURE PERIOD: FROM: 05/10/2012 TO: 04/10/2013				
Unexposed area (reference) Exposed area				
LAB ID NUMBER: 29032 POWDER COATING: Mirror-107S HEAT TRANSFER FILM: 2002/12 Colour variation (ΔE): 0.97 residual gloss: 100%				
Technical Remarks Excellent 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.				
QUALIDECO 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, with a maximum value of 4 on the grey scale (ISO 105-A02).				
Mod_TR_02_rev02 Laboratory Decoral System Date: 12/09/2014 ID Report: TR-NE-49-2014				

Test Report: Florida Natural Exposure		Decoral LAB Research and Development		121
Florida Test	Total duration: 12 months			
EXPOSURE PERIOD: FROM: 27/11/2015 TO: 19/12/2016				
Unexposed area (reference) Exposed area				
LAB ID NUMBER: 38487 POWDER COATING: Mirror-007 HEAT TRANSFER FILM: 5025/02 Colour variation (ΔE): 2.7 residual gloss: 94%				
Technical Remarks Excellent 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.				
QUALIDECO 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, with a maximum value of 4 on the grey scale (ISO 105-A02).				
Mod_TR_02_rev02 Laboratory Decoral System Date: 11/05/2017 ID Report: TR-NE-121-2017				

Test Report: Florida Natural Exposure		Decoral LAB Research and Development		120
Florida Test	Total duration: 12 months			
EXPOSURE PERIOD: FROM: 27/11/2015 TO: 19/12/2016				
Unexposed area (reference) Exposed area				
LAB ID NUMBER: 38500 POWDER COATING: Mirror-140S HEAT TRANSFER FILM: 5026/02 Colour variation (ΔE): 1.07 residual gloss: 100%				
Technical Remarks Excellent 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.				
QUALIDECO 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, with a maximum value of 4 on the grey scale (ISO 105-A02).				
Mod_TR_02_rev02 Laboratory Decoral System Date: 11/05/2017 ID Report: TR-NE-120-2017				