

MRK connected:



MRK-012-0161

Marchi di qualità registrati di Decoral System®



### DECORAL SYSTEM SRL

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## QUALITYDECORAL PLATINUM

Powder Coating: 17X-YYYY-ZZZZ

Heat-Transfer Film: 8XXXX/YY L4



Key features:

- Durability
- Quality
- Natural Exposure Test
- Platinum Finishes

TECHNICAL TOOLS

Laboratory Tests and Data

MRK-012-0192

**What is QualityDecoral Platinum?**

QualityDecoral Platinum is a guarantee of durability released for highly resistant finishes, that are thus considered especially suitable for outdoor use. This brand-new series of finished products has been prepared combining class 2-plus powder coating ( 17C-XXX-ZZZZ and 17G-XXX-ZZZZ ) with hyper-durable films ( 8XXXX/YY L4 series, printed with hyper-durable sublimation inks ).

**Tests for the guarantee**

Finishes are submitted to intensive light radiation and severe weathering conditions for long periods. QualityDecoral Platinum guarantee requires the Natural Exposure Test, to be carried out in Florida where environmental conditions are harsher, for a **five-year** term.



Natural Exposure  
Florida

After the five-years exposure test has ended, **if the finishes result positive** Decoral will issue a quality certificate.

**Certificate of Quality**

If the decoration passes the test, that is if good results are observed under every point of view after the exposure periods, the QualityDecoral Platinum Certificate is released.



**Decoration after the Natural Exposure  
Test in Florida**

The Picture on the side show the high durability of decorated surface prepared with class 2-plus powder coating and hyper-durable transfer films, after a **five (5) years** long exposure period in Florida testing center.

QualityDecoral Platinum sample, both smooth and textured surface, as shown from the picture possess a highly resistance demonstrating almost no degradation.

After the exposure terms, two important and especially representative features of the finishes are measured to determine its quality and its durability:

- **Gloss %:** it's the residual gloss of the finish, expressed as a percentage on the initial value.
- **ΔE:** variation in colour, alteration of the shade and tonality



SAMPLE: 17C-902-A005 + 82103/01-L4

<b>ΔE</b>	
4,43	

<b>GLOSS%</b>		
initial	16.0	<b>62%</b>
final	9.92	