



Marchi di qualità registrati di **Decoral System®**



DECORAL SYSTEM SRL

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TECHNICAL TOOLS

Laboratory Tests and Data

QUALITYDECORAL GOLD

Powder Coating: DS-0403S

Heat-Transfer Film: 81802/02 L4



Key features:

- Durability
- Quality
- Accelerated Weathering Test
- Natural Exposure Test
- Gold Finishes

What is QualityDecoral Gold?

QualityDecoral Gold is a guarantee of durability released for highly resistant finishes, that are thus considered especially suitable for outdoor use.

Tests for the guarantee

Finishes are submitted to intensive light radiation and severe weathering conditions for long periods. The DecoralLab Accelerated Weathering Test devices (QSun3000 and Solarbox) simulate long term exposure to typical weather conditions. QualityDecoral Gold guarantee also requires the Natural Exposure Test, to be carried out in Florida where environmental conditions are harsher, for a three-year term.



Accelerated Weathering Test devices
Decoral Lab

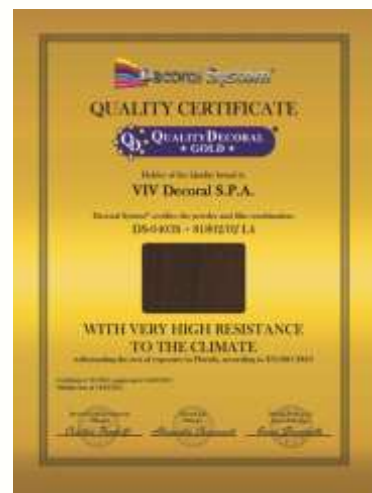


Natural Exposure
Florida

After the exposure

After the exposure terms, two important and especially representative features of a fancy effect 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 color, alteration of the shade and tonality.



Certificate of quality

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

Decoration after the Accelerated Weathering Test 2500 hours



Decoration after the Natural Exposure Test in Florida 3 years



ΔE	
2,52	

GLOSS%		
initial	16.0	100
final	16.0	