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## **GARAGE DOOR PAINT SYSTEMS**

From stock colors to textured finishes, superior weatherability, and improved scratch resistance, Beckers has the solution for your garage door needs.

**Adding value beyond the surface**

[www.beckers-group.com](http://www.beckers-group.com)



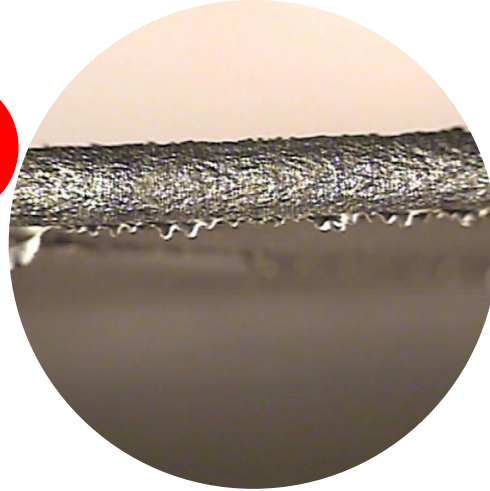
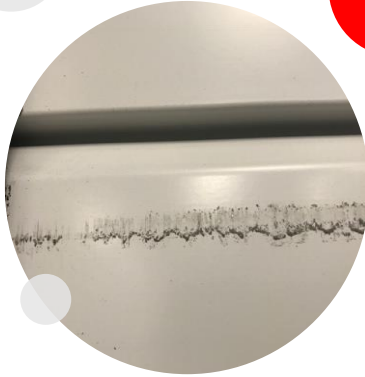
# Beckry®Gard

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**Beckry®Gard high performance polyester coatings offer premium color and gloss retention, superior formability, and enhanced scratch and marring resistance.**

# Common Coating Issues



1

ABRASION RESISTANCE

2

FORMABILITY

3

DURABILITY

# HOW DOES THE BECKERS LINE OF PRODUCTS STAND UP TO ABRASION RESISTANCE?

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Our product is designed to resist abrasion during manufacturing, shipping, installation, and general use at the construction site. Additionally, abrasion resistance is important to minimize marring with roll-up doors. Our lab has documented the Taber abrasion resistance of our products over time.



# BECKERS PERFORMANCE VS. COMPETITORS FOR ABRASION



Product	Taber – 1kg 1000 Cycles CS – 10 (mg removal)	Taber – 1kg 1000 Cycles CS – 17 (mg removal)
Beckers	37	37
Competitor A	55	73
Competitor B	42	58
Competitor C	76	82

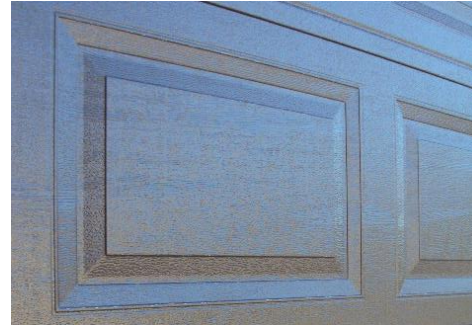
- All products were run on same line & treatments
- All samples tested using two abrasive wheels CS-10 & CS17
- Results: Beckry®Gard out performed the competitors in abrasion testing with regards to paint removal.

Note: The more paint that is removed during abrasion, the higher the mg removal number will be.

# HOW FLEXIBLE ARE BECKERS COATINGS?

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Our product is flexible enough to withstand embossing and then forming into raised panels (draw) without the paint cracking. This is typically a critical requirement for manufacturers.

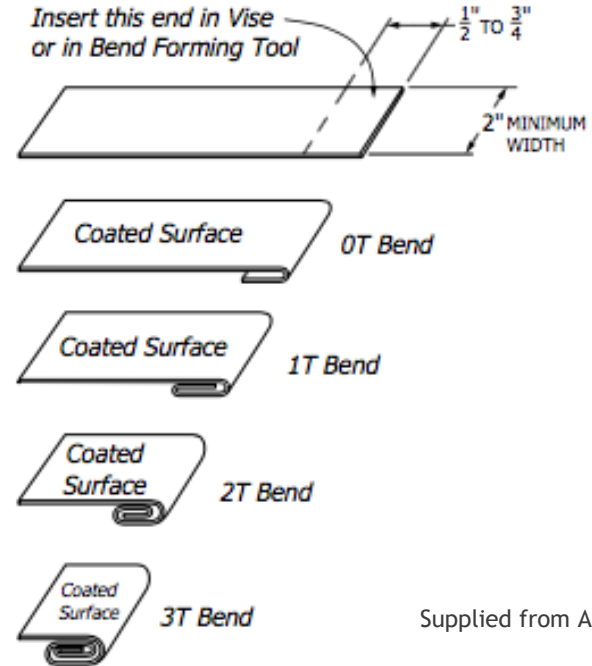


# Beckry®Gard FLEXIBILITY TABLE



Product	T-Bend*
Beckry®Gard	0T
Beckry®Tech	1T
Competitive SMP	2T

\*T-Bend is a precision flexibility test to determine the coating flexibility of pre-painted metal sheets by manipulating the metal.



Supplied from ASTM

# WHAT MAKES **BECKERS PRODUCTS** SO DURABLE?

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The super durable resin used gives superior chalk and fade resistance compared to standard polyester resins (i.e., better color and gloss retention.)





# Beckry® Gard QUV A 2000 HOURS COMPARISON



Product	Color Change (Delta E)*	Gloss Retention**
Beckry®Gard	0.47	62
Competitor A	0.92	23
Competitor B	0.5	22

\*Superior color performance is indicated by smaller DE values

\*\*Gloss retention values closer to 100% indicate better performance

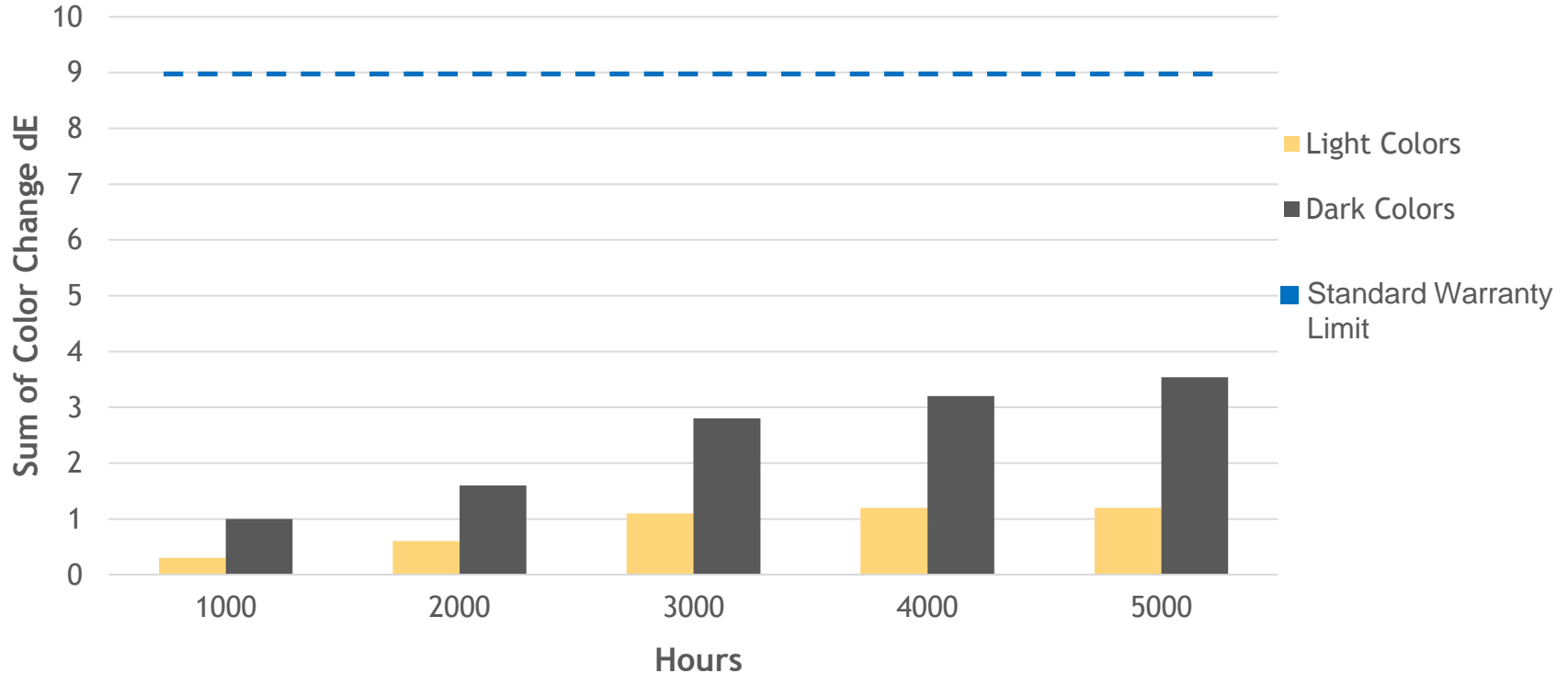
# Beckry®Gard PHYSICAL PROPERTIES



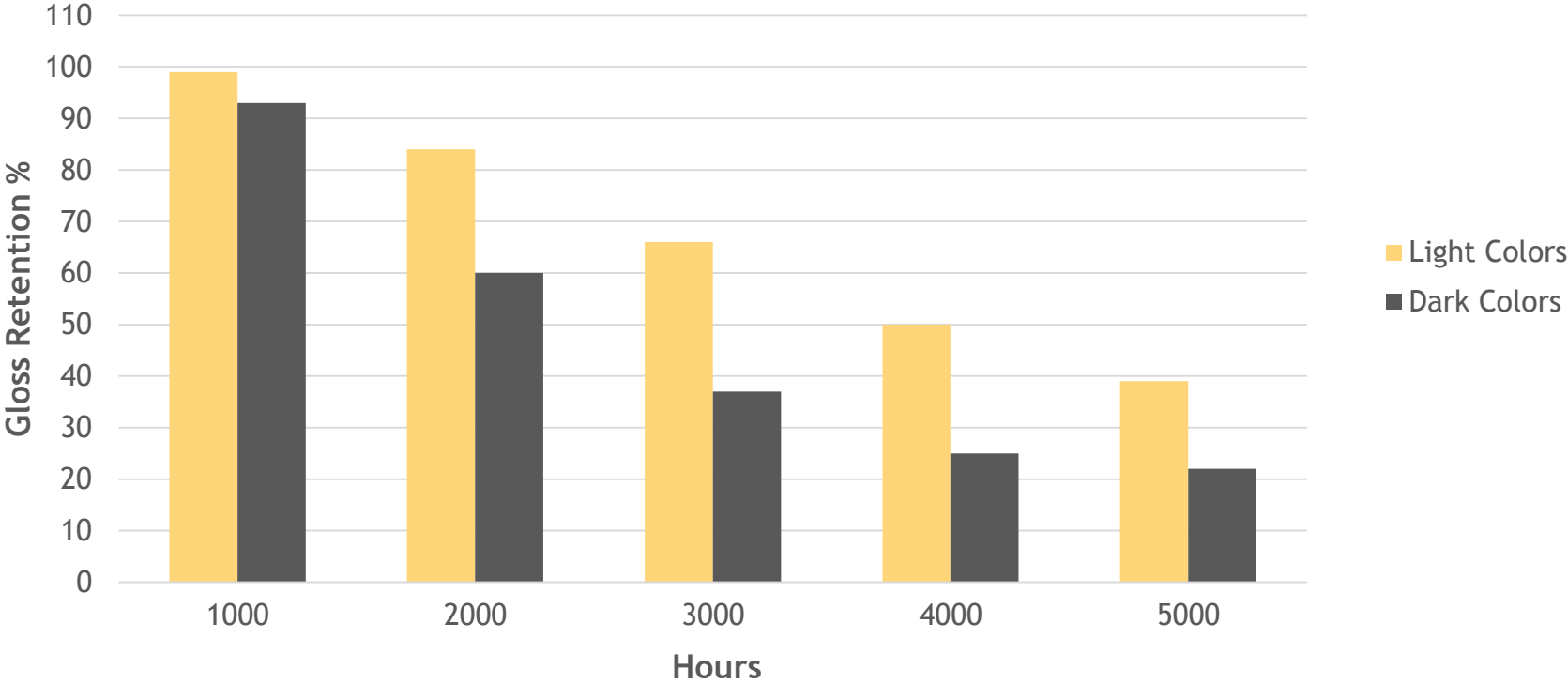
Substrate/Pretreatment	Beckry®Gard
HDG, Bonderite 1402W	
PMT °F	435 – 465
DFT Topcoat, mils	0.70 – 0.80
DFT Primer, mils, Primer 6181Y599	0.20 – 0.30
Gloss	30 – 40
T-bend	0T
Reverse Impact, in-lb	120
Weight Solids %	68 – 72
Volume Solids %	52 – 56
Viscosity 4 Zahn at 25°C, sec	25 – 30
Coverage, sqft/gal@ .75mils	1070 – 1152



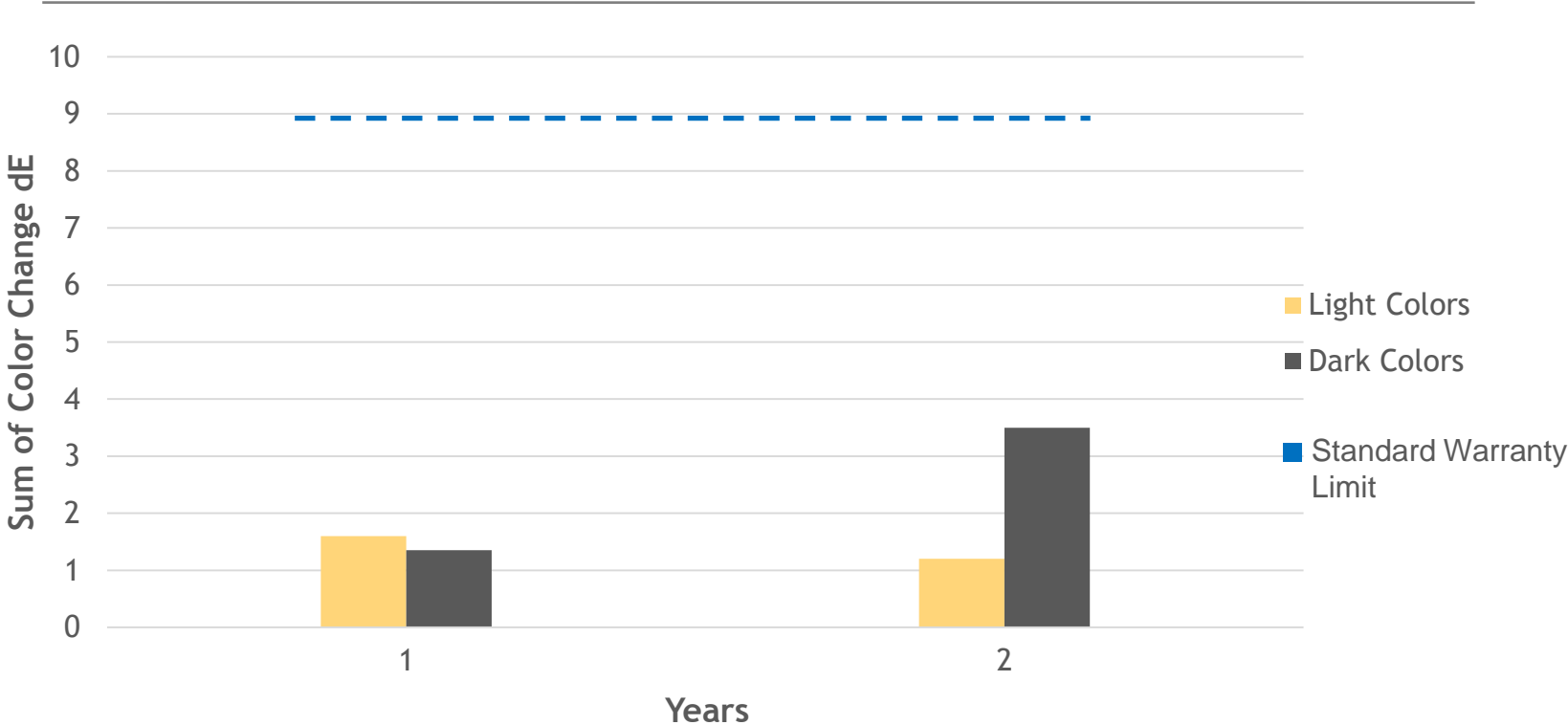
# Beckry® Gard QUV A **COLOR CHANGE**



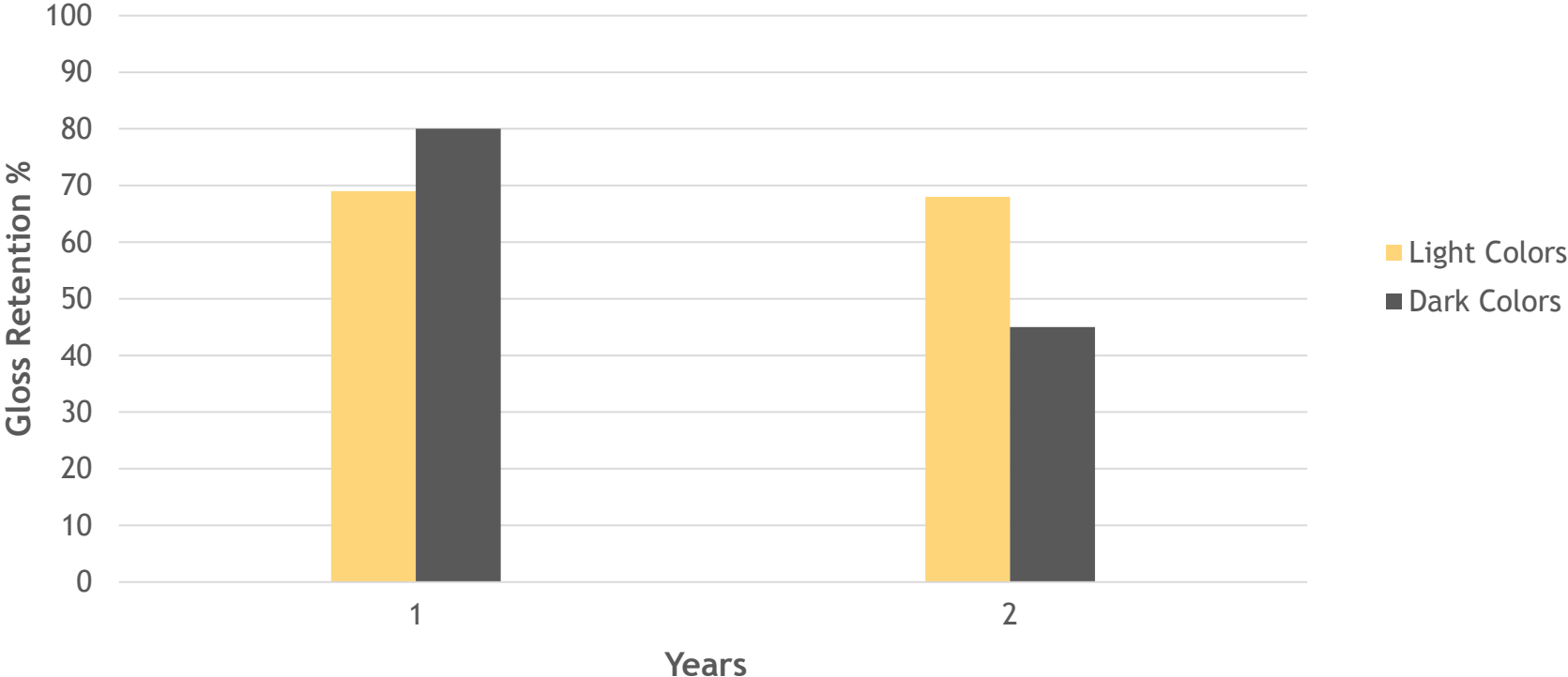
# Beckry® Gard QUV A **GLOSS RETENTION**



# Beckry® Gard 1-2 YEAR SOUTH FLORIDA EXPOSURE COLOR CHANGE



# Beckry® Gard 1-2 YEAR SOUTH FLORIDA EXPOSURE GLOSS RETENTION



# Beckry® Gard **2500 HOURS SALT SPRAY**

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## **Salt Spray Resistance (ASTM B117, ASTM D714)**

- None or few #8 blisters
- No more than 1/16" creepage from score line
- Using 5% salt solution for 2500 hours

# MARKET PRESENCE

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The key to growing market share in North America is an ability to offer value-added products and services, while managing complex relationships. We focus on providing coating technology solutions to end- use customers, but we also need to work closely with end-users' supply chains, including the metal supply centers and coil coaters, to enhance process efficiency and productivity.

- 1<sup>st</sup> United Door Technologies
- ADC
- Amarr
- C.H.I
- Janus
- Midland
- North Central
- Northwest Door
- Porvene
- Safe-Way
- And More...



# SOLUTION DRIVEN PRODUCT OFFERING

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