Retail Environment

Whether it is a high-end flagship store, a mainstream departmental store, a supermarket or a conventional retail space; they all require having an exterior façade or a store front with a surface finishing corresponding to the corporate brand owner’s specifications. They also call for shelving, lighting fixtures, furniture and signage; all in colors and finishes identified by the specifier or designer.

Dilemma

Working on sourcing the right surface finishing vendor to dressing a retail space, while making sure to matching the brand owner’s color palette, and ensure the quality of the surface finishing meets the specified requirements, could mean long hours of research and investigation and could sometimes become a catch-22 situation.

One-stop resource

Designers and specifiers deserve to have access to one-stop resource that could offer advice on the right surface finishing for the right application, in the right color, to meet the brand owner’s requirements; all under one umbrella.

Redefinition of approach

To address the need of designers and specifiers for surface finishing advice, TIGER Drylac® Powder Coatings redefined its approach by establishing Retail Environment as a distinct market segment. A one-stop resource where various Product Managers work together to help offering a comprehensive range of surface finishing solutions; from Architectural applications to Store Fixtures, Furniture, Lighting, MDF and Glass substrates to Thermo Sublimation and Digital Printing solutions.

How to select the right powder coating system for the right application

Step 1 | understanding what powder coating system (chemistry) is suitable for what application (the below illustration serves as a guide only)

<table>
<thead>
<tr>
<th>Powder coating system</th>
<th>Application</th>
<th>Benefit</th>
<th>Shortcoming</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polyester epoxy</td>
<td>indoor</td>
<td>application properties, flexibility in formulation, good flow, low color variation when over cured, mechanical properties</td>
<td>very limited UV resistance</td>
</tr>
<tr>
<td>Polyester</td>
<td>indoor</td>
<td>color stability when cured, mechanical properties, outdoor durability</td>
<td>limited chemical and solvent resistance</td>
</tr>
<tr>
<td>Epoxy</td>
<td>indoor</td>
<td>chemical resistance, corrosion resistance, low curing temperature, surface hardness, mechanical properties</td>
<td>poor UV resistance, sensitivity to color variations when exposed to heat</td>
</tr>
<tr>
<td>Polyester super durable</td>
<td>outdoor and indoor</td>
<td>flow and smoothness, superior outdoor durability, storage stability, yellowing stability</td>
<td>limited colors in the yellow, orange and red spectrum</td>
</tr>
<tr>
<td>Polyurethane</td>
<td>outdoor and indoor</td>
<td>chemical properties, flow and smoothness, outdoor durability, mechanical properties</td>
<td>low reactivity, some grades release caprolactam</td>
</tr>
<tr>
<td>Acrylic</td>
<td>outdoor and indoor</td>
<td>chemical properties, flow and clarity (clear coat), hardness, outdoor durability</td>
<td>difficult to pigment, incompatibility with other powder coatings, storage stability</td>
</tr>
<tr>
<td>Fluoropolymer</td>
<td>outdoor and indoor</td>
<td>chalking resistance, fading resistance, gloss retention, chemical properties, outdoor durability</td>
<td>limited colors, mechanical resistance</td>
</tr>
</tbody>
</table>

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Mexico | tigermexico@tiger-coatings.com | 800-368-4437

A BETTER FINISH. FOR A BETTER WORLD.
**Step 2** | selecting the right TIGER Drylac® powder coating series number for the right application (the below illustration serves as a guide only)

<table>
<thead>
<tr>
<th>System</th>
<th>polyester epoxy</th>
<th>epoxy</th>
<th>polyester</th>
<th>polyester super durable</th>
<th>polyurethane</th>
<th>acrylic</th>
<th>fluoro-polymer</th>
</tr>
</thead>
<tbody>
<tr>
<td>TIGER Drylac® Series number</td>
<td>Series 09</td>
<td>Series 89</td>
<td>Series 530</td>
<td>Series 580</td>
<td>Series 69</td>
<td>Series 39</td>
<td>Series 49</td>
</tr>
<tr>
<td>indoor</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>outdoor and indoor</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Special properties**
- Standard cure, available in FDA-compliant
- Low/fast cure, fine and rough textured
- Hammered, sealed
- Wide spectrum of colors and effects
- Extra low/fast cure, custom-match
- TGIC-free, standard, economic, fluorescent and antique finishes
- AAMA 2604 compliant
- TGIC-free, anodized effects, AAMA 2604 compliant
- Antigraffiti, clear
- Additional durability, hardness, smoothness, flat matte and clear
- AAMA 2605 compliant

**General shelving**
- ✓ ✓ ✓

**Food shelving**
- ✓

**Shopping carts**
- ✓ ✓ ✓ ✓ ✓ ✓ ✓

**Refrigeration equipment**
- ✓ ✓ ✓ ✓ ✓ ✓ ✓

**POP displays**
- ✓ ✓ ✓ ✓ ✓ ✓ ✓

**Cabinets**
- ✓ ✓ ✓ ✓ ✓ ✓ ✓

**Lighting fixtures**
- ✓ ✓ ✓ ✓ ✓ ✓ ✓

**Indoor furniture**
- ✓ ✓ ✓ ✓ ✓ ✓ ✓

**Outdoor furniture**
- ✓ ✓ ✓ ✓ ✓ ✓ ✓

**Glass doors**
- ✓

**Glass partitions**
- ✓

**Window and door frames**
- ✓ ✓ ✓ ✓ ✓ ✓ ✓

**Store fronts and façades**
- ✓ ✓ ✓ ✓ ✓ ✓ ✓

**Step 3** | selecting the color and finish through one of TIGER Drylac® color charts (the below illustration serves as a guide only for colors and finishes available in stock. Custom-matches not included)

<table>
<thead>
<tr>
<th>TIGER Drylac® Series number</th>
<th>indoor</th>
<th>outdoor and indoor</th>
</tr>
</thead>
<tbody>
<tr>
<td>RAL colors</td>
<td>Series 09</td>
<td>Series 89</td>
</tr>
<tr>
<td>Stellix</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Textured and Smooth</td>
<td>Volume 1</td>
<td>✓</td>
</tr>
<tr>
<td>Essentials</td>
<td>Volume 2</td>
<td>✓</td>
</tr>
<tr>
<td>Special Effects</td>
<td>Volume 6</td>
<td>✓</td>
</tr>
<tr>
<td>Series 38</td>
<td>AAMA 2604 super durable powder coatings</td>
<td>Volume 2</td>
</tr>
<tr>
<td>Series 75</td>
<td>Fluoropolymer powder coatings</td>
<td>Volume 2</td>
</tr>
</tbody>
</table>

**Step 4** | contacting a TIGER Drylac® Powder Coating Product Manager or Key Account Manager at a location near you to discuss your special needs.

**About TIGER**

A family-owned global manufacturer of surface finishes, TIGER is considered the fifth largest powder coating producer on a global level, counting 1,100 employees worldwide including 100 in technical functions.

TIGER Drylac U.S.A., Inc. was established in 1984. TIGER Drylac Canada Inc. was established in 1990. TIGER Drylac Mexico S.A. de C.V. was established in 2008. All TIGER manufacturing facilities are ISO 9001 and ISO 14001 certified.