DIFF TOP
Technical Data: DIFFCOR/CR/06-18

Product Description:
DIFF-TOP is an aliphatic polyurethane based top coat system for external application with various color combination.

Polyurethane based none yellowing for application over intermediate coat of DIFF-CERAGLASS or DIFF-GUARD coating. DIFF-TOP offers best resistance against UV rays for exterior environment.

Application:
DIFF-TOP is designed to create seamless, flexible, durable, slip resistant, decorative, and protective interior surfaces such as mechanical structures, pipelines, work areas, and stalls, display floors, Garage Floors, Industrial Floors, Temperature ranges 20-150°C.

**TYPICAL CURING PERFORMANCE**

<table>
<thead>
<tr>
<th>Curing Properties</th>
<th>20°C</th>
<th>25°C</th>
<th>30°C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gel Time @ Ambient temp, minutes</td>
<td>55-60</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Curing time vs. Temperature</th>
<th>20°C</th>
<th>25°C</th>
<th>30°C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pot life</td>
<td>80-90 min</td>
<td>75-80 min</td>
<td>55-60 min</td>
</tr>
<tr>
<td>Full cure</td>
<td>12-14 hrs</td>
<td>10-12 hrs</td>
<td>08-10 hrs</td>
</tr>
</tbody>
</table>

**Typical cured properties of material**
- Hardness shore D (ASTM D2240) 75-78
- Tensile strength (ASTM D882) 1500-2000 Psi
- Adhesive strength (ASTM D1002) 2000-2500psi
- Volume solid 70%

**SURFACE PREPARATION:**
Clean surface to remove oily, rust and any foreign particles. Abrasive blasting with compressed air to achieve surface Preparation of S A 2 1/2 or Metal surfaces should be grit blasted to a SSPC-SP5 or NACE #1.

**Mixing:**
Mix “base and activator” in specified ration which is supplied in contrasting colors, on clean flat surface. Mix with spatula until a uniform blend free of streaks is obtained.

**Application**
The mixed material should be applied using a clean brush or can be spray with pilot gravity gun to the prepared area; application should be carried out as soon as possible after surface preparation is complete.