## Technical Data

<table>
<thead>
<tr>
<th>SEW Design</th>
<th>Standard</th>
<th>OS2&lt;sup&gt;2)&lt;/sup&gt;</th>
<th>OS4</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Dry indoor environment</td>
<td>Outdoor/splash exposure</td>
<td>Chemical wet operation</td>
</tr>
</tbody>
</table>

### Suited for environments
- Suitable for machines and systems within buildings and interior rooms with neutral atmospheres.
- Suitable for environments with high humidity such as outdoor applications subject to direct weathering or indoor environments with splashing water.
- Suitable for environments with permanent humidity and severe atmospheric or chemical contamination. Regular acidic or caustic wet cleaning also with chemical cleaning agents.

### Corrosivity category per ISO 12944-2
- C1 (negligible)
- C3 (moderate)
- C5-I (severe)

### Example applications
- Systems in the automobile industry. Conveyor systems in logistics areas. Conveyor belts at airports.
- Applications in amusement parks or water treatment facilities.
- Washdown areas in the food and beverage industry. Port cranes.

### Condensation test
- ISO 6270 – 2 (CH)
  - 48h
  - 120h
  - 360h

### Salt spray test
- DIN EN ISO 9227
  - -
  - 240h
  - 600h

### Corrosion protection KS included
- No
- Yes
- Yes

### Select IP Rating
- IP54 (standard)
- IPx5 (x6 optional)
- IPx6<sup>*</sup>

### Drain Hole
- DH
- DH<sup>*</sup>

### Top and base coats

<table>
<thead>
<tr>
<th>Layer</th>
<th>Description</th>
<th>Nominal Dry Film Thickness (mils)&lt;sup&gt;1)&lt;/sup&gt;</th>
<th>Standard colors</th>
</tr>
</thead>
<tbody>
<tr>
<td>Layer 4</td>
<td>2-Component Polyurethane Clearcoat</td>
<td>1.5 - 2</td>
<td>RAL 5001 Green Blue (default), Stainless Steel Gray, RAL 9003 Signal White, RAL 9005 Jet Black, RAL 7031 Blue Gray</td>
</tr>
<tr>
<td>Layer 3</td>
<td>2-Component Polyurethane Topcoat</td>
<td>3 - 4</td>
<td>Stainless Steel Gray, RAL 9003 Signal White, RAL 9005 Jet Black</td>
</tr>
<tr>
<td>Layer 2</td>
<td>1-Component Acrylic Topcoat</td>
<td>6 - 8</td>
<td></td>
</tr>
<tr>
<td>Layer 1</td>
<td>1-Component Acrylic Primer Base</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>2-Component Epoxy Primer Base</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Standard colors
- RAL 5001 Green Blue (default), Stainless Steel Gray, RAL 9003 Signal White, RAL 9005 Jet Black
- Stainless Steel Gray, RAL 9003 Signal White, RAL 9005 Jet Black

* - If solids can clog DH plug, use option IP46 (same as IP66 without DH plug).

1) – Typical values for layer thickness may vary based on geometrical complexities of the product.

2) – OS2 is the minimum standard protection category for IG units.