### TX10

**Temasil 90**

### TX25

**Temasil 90**

**Temal 400**

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**Corrosivity categories/durability according to ISO 12944**

<table>
<thead>
<tr>
<th>Steel surfaces</th>
<th>Tikkurila Oyj code</th>
<th>Treatment</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Corrosivity categories/durability C2, C3, C4, heat and immersion in solvents</strong></td>
<td>TX10</td>
<td>ESIZn(R)/70/1-FeSa2½</td>
</tr>
<tr>
<td>Temasil 90</td>
<td>DFT</td>
<td>70 μm</td>
</tr>
<tr>
<td>Temal 400</td>
<td>DFT</td>
<td>70 μm</td>
</tr>
<tr>
<td>According to SFS 5873, systems F20.05, F22.06</td>
<td>TX10</td>
<td>ESIZn(R)SI90/2-FeSa2½</td>
</tr>
<tr>
<td>Temasil 90</td>
<td>DFT</td>
<td>20 μm</td>
</tr>
<tr>
<td>Temal 400</td>
<td>DFT</td>
<td>90 μm</td>
</tr>
</tbody>
</table>

**Ex removal to heat**

Steel surfaces exposed to heat in urban, maritime and industrial environment with demands on aesthetics.

The system withstands + 400 °C.

**TEMAL 400, black.**

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**COLOURS**

| TEMASIL 90, grey and greenish grey. |
| TEMAL 400, black |

**SUITABLE SHOP PRIMERS**

| TEMAWEILD ZSM, zinc silicate |
| (Temporary protection, before TEMASIL 90 application the shop primer has to be removed.) |
SURFACE PREPARATION

Oil, grease, salts and dirt are removed by appropriate means. (ISO 12944-4)

Steel surfaces:
Blast clean to grade Sa2½. (ISO 8501-1)

APPLICATION CONDITIONS

The surface must clean and dry and the surface temperature should remain at least 3°C above the dew point. During application and drying the temperature of the air, paint and surface should be at least:

- TEMASIL 90 -15°C, the relative humidity should be 50–90%.
- TEMAL 400 +5°C, the relative humidity should not exceed 80%.

APPLICATION

The paint should be mixed thoroughly before application and then applied in an even coat on the dry and clean surface. Application with airless or conventional spray, brush or roller. Stripe coating of sharp edges, welding seams etc. should be done by brush or roller.

MAINTENANCE PAINTING

Maintenance
Touch-up painting is sufficient for maintenance when the rust grade is Ri1 - Ri3. (ISO 4628-3)
Damages caused by transport or installation may also be repaired by touch-up painting. Remove all loose paint, clean rusty areas according to system demands. Level off the edges between the old paint film and the cleaned up areas. When using blast cleaning, be sure that there are no cracks in the remaining paint film. If the entire surface has to be overcoated, abrade the old topcoat to a rough finish. Remove all dust and other cleaning residues. Apply primers and finish according to the original paint system, qualities and film thicknesses.

Repainting
When the rust grade is Ri4 or Ri5, the entire coating must be renewed. Remove the old paint film and clean the surfaces to preparation grade Sa2½. Recoat in accordance with the original paint system.

PRODUCT INFORMATION

More detailed product information is available in respective data sheets.