TEMABLAST EV 110

DESCRIPTION
Two component, iron oxide pigmented epoxy shopprimer.

PRODUCT FEATURES AND RECOMMENDED USES
♦ Used for the protection of blast cleaned steel during storage, fabrication and construction.
♦ Does not cause any harm during welding, cutting and burning or other treating of the steel.

TECHNICAL DATA

Volume solids   27 ± 2 %. (ISO 3233)
Weight solids   48 ± 2 %.
Specific gravity 1.2 kg / l (mixed)
Mixing ratio and product codes

| Base           | Hardener       | 008 7920       | 008 7929       |

Pot life 24 hours (23 ºC / 74 ºF)

Recommended film thicknesses and theoretical coverage

<table>
<thead>
<tr>
<th>Recommended film thicknesses</th>
<th>Theoretical coverage</th>
</tr>
</thead>
<tbody>
<tr>
<td>dry</td>
<td>wet</td>
</tr>
<tr>
<td>20 µm</td>
<td>75 µm</td>
</tr>
</tbody>
</table>

Practical coverage depends on the application method, painting conditions and the shape and roughness of the surface to be coated.

Drying time

<table>
<thead>
<tr>
<th>DFT 20 µm</th>
<th>+ 10 ºC</th>
<th>+ 23 ºC</th>
<th>+ 35 ºC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Touch dry</td>
<td>6 min</td>
<td>3 - 5 min</td>
<td>1 min</td>
</tr>
<tr>
<td>Recoatetable</td>
<td>36 h</td>
<td>24 h</td>
<td>12 h</td>
</tr>
</tbody>
</table>

Drying and recoating times are related to the film thickness, temperature, the relative humidity of the air and ventilation.

Finish Matt.

Colours Red.
TEMABLAST EV 110

APPLICATION DETAILS

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) If blast cleaning is not possible, phosphating is recommended for cold rolled steel to improve adhesion.

Finish

Any type of paint with the exception of zinc rich paints. When selecting finishing coat for the shop primed surface, take into account the attack for which the object will be exposed. (SFS 8145)

Application conditions

All surfaces must be dry. The temperature of the ambient air, surface or paint should not fall below + 10 ºC / 50 ºF during application or drying. Relative humidity should not exceed 80 %. The surface temperature of the steel should remain at least 3 ºC / 38 ºF above the dew point.

Mixing components

First stir base and hardener separately. The correct proportions of base and hardener must be mixed thoroughly before use. Use a mechanical agitator for mixing.

Application

By spray. If necessary, the paint can be thinned 0 - 5 % to a viscosity of 16 - 18 s DIN 4/20 ºC. Airless spray nozzle tip 0.011" - 0.018", spray angle shall be chosen according to the shape of the object.

Thinner

Thinner 1031.

Cleaning of equipment

Thinner 1031.

VOC

The Volatile Organic Compounds amount to 600 ± 20 g/litre of paint.

HEALTH AND SAFETY

Containers are provided with safety labels, which should be observed. Further information about hazardous influences and protection are detailed in individual health and safety data sheets.

A health and safety data sheet is available on request from Tikkurila Coatings Oy.

For professional use only.