**Description**

RETAN WB ECO EV ELS PRIMER SURFACER is state-of-the-art water borne primer surfacer. It is not only environmentally friendly but also feels like solvent borne base coat, therefore easy to apply.

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**Products**

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>396-301</td>
<td>RETAN WB ECO EV ELS PRIMER SURFACER (L20) BASE</td>
<td>1kg</td>
</tr>
<tr>
<td>396-302</td>
<td>RETAN WB ECO EV ELS PRIMER SURFACER (L55) BASE</td>
<td>1kg</td>
</tr>
<tr>
<td>396-303</td>
<td>RETAN WB ECO EV ELS PRIMER SURFACER (L90) BASE</td>
<td>1kg</td>
</tr>
<tr>
<td>396-304</td>
<td>RETAN WB ECO EV ELS PRIMER SURFACER HARDENER</td>
<td>0.1kg</td>
</tr>
<tr>
<td>396-881</td>
<td>RETAN WB ECO EV 881 ST REDUCER</td>
<td>3.5L, 16L</td>
</tr>
</tbody>
</table>

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**Properties**

- Environmentally friendly, low VOC
- Reduce spray times of the top coat and working time by choosing appropriate lightness of the primer surfacer. L90, L70 (L90/L55 = 50/50), L55, L40 (L55/L20 = 50/50), L20
- Not only general primer surfacer application, but also Non sanding*, Wet on wet** are available.
  (* The process without sanding after drying the primer surfacer. )
  (** The process applying top coat after touch dry of primer surfacer. )
- Easy sanding
- Less penetration into substrate due to low dissolving power.

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**Substrates**

- Steel*
- Galvanize*
- Aluminum (A5052P)*
  (* Apply NON CHROME PRIMER on steel, galvanize or aluminum substrate. )
- Urethane surface
- OEM surface
- E-coat
- Plastics**
- Putty
  (** Apply KAR plastic primer(NE) on PP substrate. )

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**Surface preparation**

- Sand by P240 or finer paper
- Degrease by a degreaser

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**Mixing ratio**

<table>
<thead>
<tr>
<th></th>
<th>Base</th>
<th>Hardener</th>
<th>Reducer</th>
</tr>
</thead>
<tbody>
<tr>
<td>General, Non sanding</td>
<td>100</td>
<td>10</td>
<td>35-50</td>
</tr>
<tr>
<td>Wet on wet</td>
<td>100</td>
<td>10</td>
<td>40-55</td>
</tr>
</tbody>
</table>
• General, Non sanding* application
  (* The process without sanding after drying the primer surfacer. )

• Wet on wet** application
  (** The process applying top coat after touch dry of primer surfacer. )

- Firstly, make sure to mix "Base" and "Hardener". Secondly, add "Reducer" to mixed one.
- Available to add RETAN WB ECO EV BASE up to 30% in PRIMER SURFACER BASE.
  At that time, the hardener needs to be added to mixed paint.

Pot life
60min. at 20 °C
30min. at 30 °C

Gun setting

<table>
<thead>
<tr>
<th>Tip φ</th>
<th>1.4mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gun distance</td>
<td>15-20 cm</td>
</tr>
<tr>
<td>Air pressure (Mpa)</td>
<td>0.2-0.25</td>
</tr>
<tr>
<td>Spray times</td>
<td>2-3</td>
</tr>
<tr>
<td>Film thickness</td>
<td>40-60μm</td>
</tr>
</tbody>
</table>

- Use air blow gun for drying after each coat.
  *keep distance more than 30cm between dryer and object.
  *It is possible to use hot air blow gun

Setting
10-15 min
Drying

- General application: 30 min / 60°C
- Non sanding* application: 30 min / 60°C
  (* The process without sanding after drying the primer surfacer. Apply top coat within three days.)
- Wet on wet** application: 5 min - 2 hr after touch dry
  (**) The process applying top coat after touch dry of primer surfacer.

Remarks

- In case of dirt treatment on wet on wet application, sand after drying for 30 min at 20°C or 10 min at 60°C.
- Avoid excess film thickness and take enough flash time between each coat with wet on wet process. Also, take enough setting time before forced dry after applying top coat.
- Hardener have to be weighed exactly and stirred thoroughly.
- Close can of hardener tightly and immediately after use, and store in cool and dark place.
- Apply immediately after mixing hardener.
- Before apply, remove rust or oil completely.
- Recommend SU WASH COMPOUND for sanding of plastic substrates.
- When apply on OEM or refinished surfaces, sand off all defect portion such as crack or blister.
- Apply KAR plastic primer(NE) on PP substrate.
- Exceeding film thickness at once may cause foaming and crack.
- Keep the temperature at 5-30 degree celsius in storage.

Safety and health

Before use, read SDS precautions.

The data may fluctuate under various conditions,
All portion of this information may change at any time without notice.