CERABOND WZ

Ultra Heat Resistant Shop Primer

Water Based
Low VOC
Quick dry with pre-heat
CERABOND Series has been introduced into the market of ship building industries in reflecting to the demands which shot blasted plates should be well protected from rusting after long exposure with better performances of weldability, anti-white rust, gas cutting and etc. CERABOND 2000 has been used as standard shop primer, worldwide. Now, CERABOND WZ is ready to replace in the market which consists of water based inorganic zinc silicate in remaining its special features of ultra heat resistance, anti-white rust, good weldability unchanged. It is ecological mind product and can be a role to reduce VOC emmision in this industries.

**Features**

- Inorganic Zinc Silicate Shop Primer Water based
- Ultra Heat Resistant type shop primer which can last up to 800℃ because of zinc dust covered with ceramic.
- Excellent performance of welding and gas cutting
- Excellent performance of anti-white rusting for long exposure
- Excellent performance of anti-corrosive for long exposure and good adhesion to subsequent coating system
- Approved by Class Society for PSPC.(*)
- Quick dry with pre-heat
- 95% reduction of VOC comparing with CERABOND 2000

(*) Approved for CERABOND 2000. CERABOND WZ is now in preparation for the Approval.
### Weldability

- **Welding method**: CO₂ arc welding, Twin-single method
- **Welding speed**: 800mm/min

### CERABOND WZ

- Quick dry with pre-heat
- 95% reduction of VOC comparing with CERABOND 2000

### CERABOND 2000

- CERABOND Series has been introduced into the market of shipbuilding industries in reflecting to the demands which shot blasted plates should be well protected from rusting after long exposure with better performances of weldability, anti-white rust, gas cutting and etc.
- CERABOND 2000 has been used as standard shop primer, worldwide.
- Now, CERABOND WZ is ready to replace in the market which consists of water-based inorganic zinc silicate in remaining its special features of ultra heat resistance, anti-white rust, good weldability unchanged.
- It is ecological mind product and can be a role to reduce VOC emission in the industries.

### Anti-Corrosive Performance

- **DFT**: 15μm
- **Outdoor exposure**: 2 months
- **Burned at 800℃ for 3 minutes**
- Not burned

### Over Coatability

- **50degC, 98%RH for 3 months**
- **320μm NOVA 2000**
- **15μm CERABOND WZ (CERABOND 2000)**
- **Steel**

### Gas Cutting Performance

<table>
<thead>
<tr>
<th>Cutting Speed (mm/min)</th>
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<tbody>
<tr>
<td>700</td>
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<tr>
<td>650</td>
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<td>500</td>
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<tr>
<td>CERABOND WZ</td>
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<tr>
<td>CERABOND 2000</td>
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</tbody>
</table>

### Laboratory test

- **Welding method**: CO₂ arc welding, Twin-single method
- **Welding speed**: 800mm/min

- **Direction of travel**
  - 45°
  - 15°

- **Pre-heating system**
  - Blast machine
  - Spray machine
  - After heating machine
  - Pre-heating machine

- **Welding method**: CO₂ arc welding, Twin-single method
- **Welding speed**: 800mm/min
- **5° Direction of travel**
- **5° Direction of travel**
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Ultra Heat Resistant Shop Primer

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