



KSM6030-TYPE 1 is a rust-preventing primer based on a alkyd resin, red lead and iron oxide.

It has an excellent adhesion and anti-corrosion properties. It has a good penetration and provides an excellent base for subsequent coatings.

|                        |                                                                                                  |
|------------------------|--------------------------------------------------------------------------------------------------|
| <b>Recommended use</b> | As a rust-preventing primer for use on the structural steel in moderately corrosive environment. |
|                        | Not recommended for immersion part.                                                              |

### Physical Properties

| PHYSICAL PROPERTIES |                                           |       | CLASS 1    | CLASS 2    | CLASS 3    | CLASS 4    |
|---------------------|-------------------------------------------|-------|------------|------------|------------|------------|
|                     | Finish State                              | GLOSS | Semi-gloss | Semi-gloss | Semi-gloss | Semi-gloss |
|                     |                                           | COLOR | Orange     | Red brown  | Orange     | Orange     |
|                     | Set to touch (20℃)                        |       | 6 hours    | 4 hours    | 1 hours    | 4 hours    |
|                     | Dry hard (20℃)                            |       | 36 hours   | 16 hours   | 6 hours    | 24 hours   |
|                     | Spreading Rate (25 μm, m <sup>2</sup> /L) |       | 30         | 25.2       | 18         | 26.4       |
|                     | Flash Point (Closed cup, ℃)               |       | 30         | 30         | 30         | 30         |

### Application details

|                               |                                                                                                                                                                                                                                                        |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Surface preparation</b>    | * New Steel : Abrasive blasting to Sa 2 or St3. Remove any mill-scale, rust, oil and grease and other contaminants. * Maintenance and touch-up: The rust, salt, oil and grease, loose paint film should be thoroughly removed by using suitable tools. |
| <b>Method of application</b>  | Brush, Roller, Spray(air or airless) application.<br>* For airless spray application ;<br>Nozzle orifice : 0.017" ~ 0.019"<br>Output pressure : 2,100 psi / 143 atm.<br>Fan : 65°<br>(Airless spray data are indicative and subject to adjustment).    |
| <b>Thinning</b>               | THINNER No. 012,(Thinning ratio : Max. 5% by volume)                                                                                                                                                                                                   |
| <b>Application conditions</b> | The surface must be completely clean and dry.<br>Do not apply when relative humidity is above 85%.<br>The surface temperatures must be at least 3℃ (5°F) above dew point to prevent condensation.                                                      |
| <b>Film thickness</b>         | Recommend per coat 25 microns dry ( recommend 2 coat).                                                                                                                                                                                                 |
| <b>Subsequent Coat</b>        | SENSEMEL GOLD, SENSEMELJOHAB                                                                                                                                                                                                                           |
| <b>Pot life</b>               |                                                                                                                                                                                                                                                        |
| <b>Recoating interval</b>     | At 20℃ /68°F, Maximum : 3 weeks                                                                                                                                                                                                                        |

### Storage and package

|                   |          |
|-------------------|----------|
| <b>Shelf life</b> | 6 months |
|-------------------|----------|

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Storage</b>      | Store in cool, dry, well-ventilated place.(Temp at -5℃~35℃)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Packing Unit</b> | 18 L, 4 L                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Remarks</b>      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Note</b>         | <ul style="list-style-type: none"> <li>a. Protect skin and eyes, and avoid prolonged breathing of solvent vapors.</li> <li>b. Wear the protective mask, protective glasses, gloves and suitable protective equipment.</li> <li>c. Use with adequate ventilation.</li> <li>d. Respiratory protection is recommended when applying this product in confined spaces or stagnant air.</li> <li>e. This product contains flammable solvents. Keep away from sparks and open flames.</li> <li>f. For additional safety information, refer to the Material Safety Data Sheet for this product on our internet Homepage(<a href="http://www.kccworld.co.kr">www.kccworld.co.kr</a>)</li> </ul> |
| <b>1'st issue</b>   | 2016-10-01                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Revision</b>     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

Disclaimer : The information in this data sheet is believed to the best of our knowledge based on laboratory test and practical experience. However, there are many factors affecting the performance of product and the product quality itself, so we are not able to guarantee without the confirmation of the purpose of using the product from us in writing. We reserve the right to change the data without notice and you should check that this data sheet is current prior to using the product.

