

# Kemkleen

De-Rusting & Passivation Liquid for Metallic Surfaces

Description	<p><b>KEMKLEEN</b> is an ecologically nontoxic and non-flammable product formulated from a special terpolymer. Convert rust, water formed deposits &amp; passivates all kinds of metal surfaces. IT has been designed to guarantee economic surfaces treatment and protection against corrosion.</p>
Where to use	<p><b>Kemkleen</b> is used to convert the rust and water formed deposits from almost all metallic surfaces such as ferrous, cuprous, stainless steel, aluminum and aluminum alloys and when passivation is required.</p>
Advantages	<ul style="list-style-type: none"> <li>• Reduces the two steps of rust converting &amp; passivation into one single step.</li> <li>• Increases the anti-corrosive resistance as it makes the upper coat twice as resistance and durable that is how <b>Kemkleen</b> guarantees economic surface treatment.</li> <li>• It is practical surface treatment method when sandblasting is difficult to use.</li> <li>• It has anti corrosive effect and is ideal under coat for all protective coating.</li> <li>• Non-toxic and inflammable normal security procedures of chemical handling have to be followed.</li> </ul>
Surface Preparation	<ul style="list-style-type: none"> <li>• <b>Treatment of ferrous metals</b> (with or without oxidation):</li> <li>• <b>a) Slightly greased surface:</b></li> <li>• Apply and allow some minutes for action (the time is function of thickness of the oxidation coat to be eliminated) this elimination can be accelerated by rubbing the surface with cloth or a brush.</li> <li>• <b>b) Strongly greased surface:</b></li> <li>• First use a degreaser then apply as soon as the degreaser has dried proceed as under (a).</li> <li>• <b>Treatment of non-ferrous metals:</b></li> <li>• Apply in the same condition as ferrous metals complete de-oxidation and passivation will occur</li> <li>• <b>Treatment of light alloys and aluminum:</b></li> <li>• Before painting the surface apply KEMKLEEN dilute with 50 % in order to reach a stained surface effect and a perfect priming coat for further treatment, rinse with</li> <li>• <b>Treatment stainless steels:</b></li> <li>• <b>a) Abstentious stainless steel:</b> renovates surfaces, rinse with pure water.</li> <li>• <b>b) Ferrous stainless steel:</b> Clean this steel with a sponge in order to remove rust, if necessary allow a few minutes clean with plush free cloth.</li> </ul>
Application	<ul style="list-style-type: none"> <li>• The application methods are immersion bath or by using brush or by spray. Do not rinse after treatment in case of long storage of sheets &amp; bars.</li> </ul>
Cleaning	<ul style="list-style-type: none"> <li>• Tools &amp; equipment should be cleaned with special solvent immediately after use.</li> </ul>
Theoretical coverage	0.10 –0.20 kg/m <sup>2</sup>
Packaging	1,5 & 20 pails and 200 Kg drums.
Shelf life & Storage	<b>Kemkleen</b> has a shelf life of 12 months under recommended conditions.
Health and Safety	<ul style="list-style-type: none"> <li>• Use gloves when handling dry powder.</li> <li>• Do not breathe dust.</li> </ul>

## Additional Information

**PROKEM** designs tailor made products should there be critical application that requires specific properties rather than our main range. For our customer's satisfaction,

**PROKEM** reserves the right to change the properties of its products.

All orders are accepted subject to our current term of sale & delivery.

Users must always refer to the most recent issue of the local product data sheet for the product concerned, copies of which will be supplied on request.

**PROKEM** extends technical services to include after sales support to assist users in a proper handling of our products.

**PROKEM** provides the construction industry with a comprehensive range of construction chemicals and specialty products answering the queries of modern engineers for trouble free durable structure.

Quality Needs Quality

