

Konvertex Rust Converter

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Product Description	A water based, rust converting, chelating-polymer primer which reacts with 'rust' to produce a stabilised layer for painting.				
Features & Use	<ul style="list-style-type: none"> • It reacts quickly with the rust and transforms the typical orange/brown iron oxides (rust) into a more stable and insoluble blue/black complex. This blue/black layer is ready for painting when dry and reacted • Fast drying • It is not necessary to wash the surface with water before painting • An excellent adhesion promoter for subsequent coating systems on railings, gates, guttering, pipework and steelwork 				
Approvals/ Certification	Please consult Spencer Coatings				
Finish	Blue/black colouration when reacted				
Volume Solids	21 ± 2%				
VOC Content	52 ± 20 g/litre				
Film Thickness Range And Coverage		Dry Film Thickness	Wet Film Thickness	Theoretical Coverage	
	Minimum	n/a		20.0 m ² /litre	
	Maximum	n/a			
Practical coverage depends on the application method, painting conditions and the shape and roughness of the surface to be coated					
Drying Times			+10°C	+20°C	+30°C
	Dust Free		1 hr	30 min	20 min
	Overcoating	Minimum (Xylene-based)	24 hr	12 hr	8 hr
		Minimum (White Spirit-based)	6 hr	4 hr	3 hr
	Maximum	48 hrs			
Drying and recoating times are related to the film thickness, temperature, the relative humidity of the air and ventilation					
Colours	Beige liquid				
Product Code	04KON-000				
SG	1.11 kg/lit				
Storage Conditions	Store in dry, cool conditions and protect from frost				
Shelf Life	Minimum 12 months if stored as above in unopened containers				
Flash Point	n/a				

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<p>Surface Preparation</p>	<ul style="list-style-type: none"> Remove loose rust and millscale, ideally to St2 (ISO 8501-1:2007) standard, taking care to avoid 'polishing' the steel surface. This product will not react with millscale. Millscale is likely to detach along with any applied coatings at some future point and should be removed for best results Apply onto tight or firm rust only and leave until blacking occurs. Do not apply to non-rusted areas. Areas of 'good' steel should be cleaned and primed with a suitable primer, not with Konvertex All surfaces to be coated should be dry and cleaned as necessary to remove all dust, oil, grease, salts, or other contamination 														
<p>Mixing</p>	<p>Must be mixed thoroughly before use.</p>														
<p>Thinner</p>	<p>Clean Water</p>	<p>Equipment Cleaner</p>	<p>Clean Water</p>												
<p>Application Conditions</p>	<p>Only apply in conditions of good ventilation which must be maintained during drying and curing. Do not apply when rain, mist, sleet or snow are imminent. During application and drying time of the paint coating, the surface should be dry, the Relative Humidity should not exceed 85% and the steel temperature should remain at least 3°C above the dew point. Paint temperature should ideally be at a minimum of 15°C.</p>														
<p>Application Methods</p>	<table border="1" data-bbox="451 949 1489 1077"> <thead> <tr> <th data-bbox="451 949 675 1025">Method</th> <th data-bbox="675 949 922 1025">Airless Spray</th> <th data-bbox="922 949 1169 1025">Conventional Spray</th> <th data-bbox="1169 949 1337 1025">Brush</th> <th data-bbox="1337 949 1489 1025">Roller</th> </tr> </thead> <tbody> <tr> <td data-bbox="451 1025 675 1077"></td> <td data-bbox="675 1025 922 1077">No</td> <td data-bbox="922 1025 1169 1077">No</td> <td data-bbox="1169 1025 1337 1077">Yes</td> <td data-bbox="1337 1025 1489 1077">No</td> </tr> </tbody> </table> <ul style="list-style-type: none"> This product is designed for application by brush A stiff brush is recommended to aid penetration into the rust Decant a small amount of Konvertex for use into a suitable non-metallic container. Do NOT return used Konvertex into the original container after use, as it will be contaminated with rust debris - the remaining product would then react in the container and be useless Dispose of used Konvertex with copious dilution with water 					Method	Airless Spray	Conventional Spray	Brush	Roller		No	No	Yes	No
Method	Airless Spray	Conventional Spray	Brush	Roller											
	No	No	Yes	No											
<p>Product Notes</p>	<ul style="list-style-type: none"> A single, sparing application is sufficient. Avoid runs and drips. Splashes outside the area to be treated can be washed off with water Paint must not be applied until Konvertex has reacted with the rust to form a blue/black colouration Konvertex must be overcoated by a suitable paint system within 48 hours of application. It is recommended that a small test area be overcoated to ensure compatibility of topcoat Product is slightly acidic, take care when using and consult product Safety Data Sheet Do not apply or store below 5°C, ideally above 10°C Do not use for immersed areas 														
<p>Health & Safety</p>	<p>Containers are provided with safety labels which should be observed. Further information about hazardous influences and protection are detailed in individual Product Safety Data Sheets. A Safety Data Sheet for this product is available on request from Spencer Coatings.</p>														