

KONVERTEX

PRODUCT DESCRIPTION

A single pack water thinnable rust converting primer using a high quality acid tolerant modified acrylic copolymer binder and a tannin based chelating agent. Konvertex converts sound or firm rust into a stable substrate that resists further surface oxidation. Konvertex has the benefits of being fast drying, water based, limited fire hazard, it can be overcoated with most single pack coatings, reduces the amount of surface preparation, therefore saving time.

USES

As a primer where only limited surface preparation is possible. For use on railings, gates, guttering, drainpipes, pipework, piperacks, tank externals and most general steelwork not immersed.

TECHNICAL PROPERTIES

Colour	Semi-Transparent (turns black after use)		
Finish	Slight Sheen		
Curing Agent	n/a		
Mix Ratio	n/a		
Specific Gravity	1.12		
Volume Solids	22%		
Recommended Film Thickness	20µm DFT / 90µm WFT		
Theoretical Spreading Rate	11 m ² /litre		
Application Method	Brush		
Flash Point			
VOC	72g/litre		
Drying Times	10°C	20°C	30°C
Touch Dry	1	½ hour	20 minutes
Hard Dry	4 hours	2 hours	1 hours
Minimum Overcoat			
Xylene Containing	24 hours	12 hours	8 hours
White Spirit Containing	6 hours	4 hours	3 hours

CERTIFICATION/APPROVALS

RECOMMENDED SYSTEMS

Xylene Based – Speedspray QDH Primer / Hi-Dur AD100 Finish
 White Spirit Based – Hi-Dur ZP Primer / Hi-Dur PU100 Finish

SURFACE PREPARATION

Remove all loose rust/corrosion products and loose paint by scraping or wire brushing. Degrease to a minimum standard of SSPC-SP1 to remove all oil, grease and dirt etc. Fresh water wash and allow to dry. 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.

PRODUCT APPLICATION

Mixing	Does not require mixing prior to use.
Thinners	Fresh water.
Brush	Product only designed for brush. Can be thinned with max. 10% fresh water.
Cleaner	Fresh water (if brush is dry use White Spirit).
Cleanup Considerations	All equipment should be cleaned immediately after use with water. It is advisable that equipment should be cleaned/flushed during the course of application, the frequency of which will depend on the volume of material used and timescale over which applied. Ensure all waste materials (including packaging) are disposed of in accordance with local regulations.

HEALTH, SAFETY & ENVIRONMENTAL

This product must be used in accordance with the Material Safety Data Sheet supplied by Spencer Coatings Limited. The user must observe local health, safety and environmental regulations when using this product. Consult Spencer Coatings Limited if there are any concerns over the suitability of this product.

PACK SIZES

5 litre and 500 mls.

PACK WEIGHTS

5 litre : 5.75 kg. 500 mls. : 0.61 kg.

STORAGE CONDITIONS

Shelf life minimum 12 months in original unopened container stored in ambient conditions.

PROTECT FROM FROST AND STORE ABOVE 5°C. ENSURE STRICT STOCK ROTATION IS PRACTISED.

LIMITATIONS

Do not apply at temperatures below 8°C or if rain is likely within 1 hour of application.

Do not apply this product if RH exceeds 90% or if the substrate is within 3°C of the dew point.

Do not apply to existing coatings or loosely adhered rust.

Do not contaminate the container with rust. Prior to the commencement of coating remove the required quantity from the container for the project. At the end of painting, discard the remainder of the used paint. Most coatings can be applied over Konvertex, however, when overcoating using coatings with very strong solvents, it is advisable to try the topcoat over a small area of Konvertex and check for any lifting, softening or cutting in of the Konvertex. If this occurs, do not apply topcoat and select an alternative finish.

Do not use this product if the item to be coated is to be immersed.

DISCLAIMER

The information given in these specifications and technical advice - whether verbal, or in writing or by way of trials is for guidance only and is given in good faith, but without warranty. This also applies where proprietary rights or third parties are involved. Any person using Spencer products without first making further enquiries as to the suitability of the products for the intended purpose and testing the products to assess their fitness for the purpose does so at their own risk. The application, use and processing of the products are beyond our control and are therefore your own responsibility, and we can accept no liability for the performance of the products arising out of such use, beyond the value of the goods delivered by us. The information contained in these data sheets is liable to modification from time to time in the light of experience and our policy of continuous development.

It is the user's responsibility to ensure that this sheet is current prior to using the product.