

Hensogrund2K Primer

Epoxy 2-pack primer for use on galvanised steel surfaces.

PRODUCT INFORMATION

DESCRIPTION

Fireshield® Hensogrund 2K is a solvent based 2-pack adhesive epoxy primer for use with Fireshield 920KS® fire protection coating systems on galvanised steel surfaces.

CONDITIONS OF USE

Hensogrund 2K is an industrial product and can only be applied by Fireshield trained Applicators.

SURFACE PREPARATION:

- Surfaces must be cleaned to AS 1627.1 and lightly abraded to ensure adhesion, the surface must be completely clean and dry, remove all dust, oil, grease, loose material or other contaminants.
- The galvanised surface must be prepared in accordance with EN ISO 12944-4 and must be completely degassed before the application of Hensogrund 2K.
- Sweep blast surface prior to coating when using on exterior steel.

APPLICATION ENVIRONMENT

During application and drying ensure that:

- The air and steel surface temperature is above +10°C and below +30°C.
- During the application, the surface temperature of the steel must be at least +5 °C above the dew point
- The relative air humidity level is below 80%.
- The area is well ventilated with constant air flow.

APPLICATION:

Spray Application is the preferred application method as brushing can prove difficult.

Stir component A (base) thoroughly using an electric agitator. While stirring, add the component B (hardener) in the specific mixing ratio and continue mixing until the compound becomes homogeneous. Place the mixture in a clean pail and stir again thoroughly before applying.

	Airless Spray	Roller/Brush
Nozzle Size (inch)	0.013-0.023	-
Operation pressure (bar)	150 – 250	-
DFT* per coat (µm)	80 -100	40 - 60
Thinning (%)	5 % max	2% max

* DFT = Dry film thickness

All work involving the application and use of this product should be compliant with all relevant National Health, Work Safety & Environmental standards and regulations. Before use, read the Hensogrund 2K Material Safety Data Sheet (MSDS) before application and have a copy available on site at all times.

OVERCOATING:

Before the application of the Fireshield intumescent, ensure that the surface is completely clean and dry. Remove all dust, oil, grease, loose material or other contaminants.

Note: Maximum overcoating interval with Fireshield 920KS® is 4 weeks. Please contact our Technical Support if the overcoating interval is longer.

It is the user's responsibility to check that you have the latest technical datasheet available by visiting fireshieldcoatings.com or checking with your local Fireshield Representative as the information contained in this technical data sheet is modified from time to time in line with our policy of continuous product development. The information in this data sheet is not intended to be exhaustive; any person using the product for any purpose other than that specifically recommended in this data sheet does so at their own risk. All advice given or statements made about the product (whether in this data sheet or otherwise) are correct to the best of our knowledge, Fireshield has no control over the quality or the condition of the substrate or the many factors affecting the use and application of the product. Therefore, unless we specifically agree in writing to do so, we do not accept any liability at all for the performance of the product or for (subject to the maximum extent permitted by law) any loss or damage arising out of the use of the product. Fireshield hereby disclaim any warranties or representations, express or implied, by operation of law or otherwise, including, without limitation, any implied warranty of merchantability or fitness for a particular purpose. You should request a copy of this document and review it carefully.

TECHNICAL INFORMATION

Colour	Grey
Gloss Level	Matt
Packaging	Part A 26.25kg + Part B 1.75kg
Mixing ratio (weight)	15:1 with hardener
Thinning / Cleaning	Standard epoxy thinner.
Specific gravity (g/ml)	1.75
Coverage rate (m ² /kg)	6.06 @ 96µm WFT (zero wastage)
Consumption rate (kg/m ²)	0.165@ 96µm WFT (zero wastage)
WFT to DFT (µm)	96µm WFT = 60µm DFT
Volume solid (%)	63%
VOC	315 g/l

POT LIFE:

At +10°C	8 hours
At +20°C	6 hours
At +30°C	4 hours

DRYING TIMES

At a minimum air temperature of +20°C and a film thickness of 60 microns DFT, the following drying times are applicable:

- Touch Dry 1 hour (approximate)
- Overcoating (Fireshield 920KS) min. 24hrs - max 4 weeks

NOTE: Dry times may be lengthened by poor air flow and environmental conditions differing from those listed above, ensure the coating is dry through before the next application!

* DFT = Dry film thickness

SHELF LIFE

At +20°C: Part A (base) 24 months and Part B (hardener) 12 months minimum if stored in original sealed containers in dry conditions. The containers must be protected from frost and direct sunlight! Opened containers must be carefully resealed.

SUPPLIER :

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Manufactured by:

