

ZED S94

Anti-Corrosive Metal Primer

DESCRIPTION

Zed S94 is a single-component, anti-corrosive metal primer that dries by solvent evaporation. A hand application grade is supplied as standard. However Stirling Lloyd's Solvent No 5 may be added to this to enable the product to be sprayed.

USES

Zed S94 is used on steel (including galvanised steel) and other metallic surfaces to enhance the bond between Stirling Lloyd's MMA based resin systems and the substrate.

TECHNICAL DATA

PROPERTY	VALUE
Application Temperature Range	-10 to + 40°C
Typical Overcoating Time	
20°C	30 minutes
10°C	1 hour
0°C	3 hours
-10°C	7.5 hours

SURFACE PREPARATION

It should be stressed that the success of any coating is dependent on the thoroughness of the surface preparation.

Steel

On steel surfaces all rust, dirt and contamination should be removed to expose bright metal to achieve a surface finish to comply with Swedish standard Sa 2.5. Prior to any blast cleaning the surface must be thoroughly degreased. Amplitude of the surface profile should not exceed 75 microns. Non-reusable, non-metallic grit should be used.

MIXING

Immediately before use stir the primer resin thoroughly using a mechanical mixer, such as an air-driven drill (400 – 800 rpm) and mixing paddle.

To spray apply Zed S94 you need to make the following additions of

Solvent No. 5:

Zed S94 Supplied Unit Size	Solvent No.5 Addition Required
5kg	1.25kg (1.4 litres)
20kg	5kg (5.8 litres)
60kg	15kg (17 litres)
200kg	50kg (58 litres)

APPLICATION

Application should take place within three hours of grit blasting the substrate. The substrate must be clean and dry.

Zed S94 should be applied evenly to the substrate by brush or roller. For spray application the product must be diluted. Ensure the necessary PPE is worn. The recommended spray equipment is a Graco 23:1 Monark airless spray pump with a ¼" spray line and a spray tip size between 0.025" (25 thou) 0.035" (35 thou).

Do not allow the primer to 'pond' or 'pool'. If it is spray applied then it is preferable to follow closely behind with a dry roller to remove any excess material.

One application of Zed S94 is usually sufficient. Zed S94 can be left exposed indefinitely before overcoating provided it remains uncontaminated.

COVERAGE

Hand Grade - 0.2kg/m²

Diluted to spray - 0.25kg/m²

This will give a dry film thickness of 50 microns. This coverage rate is based on a smooth substrate.

CLEANING

All tools and equipment should be cleaned with Stirling Lloyd Solvent No.1 before the material is allowed to cure.

PACKAGING & STORAGE

Zed S94 is supplied in:

Hand Grade - 5kg and 20kg & 200kg packs.

All components of the Zed S94 system should be stored in cool, dry, protected conditions, out of direct sunlight and in accordance with the relevant site Health & Safety regulations. Storage temperature must not exceed 25°C. Do not store near naked flames or foodstuffs.

Stored in unopened containers, under these conditions, the components have a shelf life of six months.

HEALTH & SAFETY

The Material Safety Data Sheet must be read, understood and available on site before commencing work.

It is the Company's policy to take all reasonable steps to prevent injury to all property and personnel from foreseeable hazards. This extends to the public in so far as they come into contact with the Company or its products.

GENERAL INFORMATION

Zed S94 is part of a wide range of specialist waterproofing, surfacing and repair materials manufactured and supplied by Stirling Lloyd. If you require any further information on this or any other of our products, please contact our Customer Services Department or visit www.stirlinglloyd.com



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