

# Weberprim ES 122

Anti-corrosion metal primer

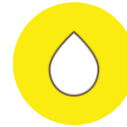


**Weberprim ES 122** is a water-based, anti-corrosion primer for ferrous metal surfaces. It is non-flammable, low VOC, non-toxic and non-hazardous to users. The cured film is tough and adheres strongly to properly prepared, clean, and dry surfaces.

## PRODUCT BENEFITS



PRIMER



WATER BASED



CORROSION RESISTANT

## USES

Weberprim ES 122 is suitable for new metal fabrication and construction, maintenance works, and repair works on metal substrates such as structural steel and metal deck roofs.

## ADVANTAGES

- Non flammable
- Inherent flash rust resistance
- Durable
- Excellent anti-corrosion protection

## TECHNICAL DATA & PHYSICAL PROPERTIES

<b>Colours</b>	Grey, brownish grey
<b>Appearance</b>	Viscous high build liquid coating
<b>Viscosity</b> (Brookfield RVT)	9,000-12,000cPs @ 25°C
<b>Service Temperature</b>	10°C-80°C
<b>Specific Gravity</b>	Approx. 1.4kg/litre
<b>Percent Solids</b> (ASTM D1644: 93 [Method A])	Approx. 70%
<b>Touch Dry Time</b>	Approx. 30minutes
<b>Through Dry Time</b>	Approx. 3hours
<b>Adhesion to Clean Substrate</b> (Adapted ASTM D4541: 95)	> 1.4N/mm <sup>2</sup> (High)
<b>Weathering Test</b>	No rust detected on surface after 3000hrs
<b>Hardness (Shore A)</b> (ASTM D2240: 2000)	>76
<b>Salt Water Immersion Test (5 %)*</b>	

Weberprim ES 122 over coated with 2 coats of Weber liquid applied waterproofing coating	No deterioration after 1200 hours
Weberprim ES 122 only	No deterioration after 1200 hours at unscored primed faces
Weberprim ES 122 only (scribed line)	Minimal rusting around scribe line area

\*Metal coupons coated with Weberprim ES 122, as indicated, hard dried, then immersed.

Specifications are subject to change without notification. Results shown are typical but reflect laboratory test procedures conducted in laboratory conditions. Actual field performance will depend on installation methods and site conditions.

**SAINT-GOBAIN (SINGAPORE) PTE LTD**

2 Venture Drive, #13-18,  
 Vision Exchange, Singapore 608526

(65) 63308288 (65) 63308289

eis.info@saint-gobain.com www.saint-gobain.sg

**SAINT-GOBAIN WEBER (M) SDN BHD**

No 29 & 31, Jalan TIAJ 2/1, Taman Industri Alam Jaya,  
 42300 Bandar Puncak Alam, Selangor D E, Malaysia

(603) 60389498/97/89 (603) 6038 9507

info.webermalaysia@saint-gobain.com www.saint-gobain.my

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## PROCEDURE & APPLICATION



### Surface Preparation

All surfaces must be clean, sound, and free from any laitance, oil, grease, and any contaminants.



### Application

Weberprim ES 122 is applied in 2 or more thin coats depending on the condition of the substrate and the service requirements. The primed surfaces can be top-coated with any Weber liquid applied waterproofing membrane.

Stir Weberprim ES 122 thoroughly before application. Apply an even and thin coat of Weberprim ES 122 to the clean rust-free surface by brush or roller and fully integrate into the profile of the surface. Do not over-roll. Apply a second thin coat of Weberprim ES 122 evenly over the first coat. Allow the primer coats to dry thoroughly for approx. 4-6 hours before overcoating. Do not apply Weberprim ES 122 too thickly in a single coat as this may result in surficial drying only, with underlying material not drying up. Overly thick application in a single coat may also result in cracks in the final dry film.

For full protection, overcoat the primer system with Weber waterproofing coatings, or other topcoat systems. Always ensure that Weberprim ES 122 primer coat is fully cured and through-dry before coating over with the selected membrane system.



Protect the waterproofing membrane from the rain while setting. Air circulation is necessary for enclosed areas to ensure the normal setting of the waterproofing membrane.

## CONSUMPTION

Approx. 115-165m<sup>2</sup> per coat application for 20kg pail. Actual consumption rate will depend on the surface porosity and profile of the surfaces to be primed and applied.

## STORAGE & PACKING

Weberprim ES 122 is available in 20kg pails.

Shelf life of 18 months in unopened and kept at room temperature conditions.

## HEALTH & SAFETY

Recommended to wear NIOSH approved or equivalent particulate face mask. Material may irritate eyes and skin. In case of contact with eyes or excessive skin contact, flush immediately with plenty of clean water and seek medical assistance. Keep out of reach of children.

\*Note: Because it is not possible to give specific instructions for the various site conditions or to control the applications, the information on this Technical Data Sheet is for general guidance only. Saint-Gobain (Singapore) Pte Ltd reserves the rights to amend the contents of the data sheet at its sole discretion. (Jan '26)



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