

# Webertec ES 113

High performance, elastomeric, anti-carbonation external facade, protection coating

**Webertec ES 113** is a high-performance, water-based, elastic protective coating for exterior environments. Its ultra-fine special functional fillers and microstructured matrix reinforcement enable filling, bridging hairline cracks and accommodating substrate movements under harsh thermal conditions. Webertec ES 113 maintains a clean exterior surface with minimal maintenance.



## PRODUCT BENEFITS



**LOW DIRT PICKUP**



**WEATHER RESISTANT**



**UV RESISTANT**

## USES

Webertec ES 113 can be applied to reinforced concrete walls and surfaces, concrete blocks, bricks, masonry, fibre cement, properly prepared timber and metal surfaces. It is effective on most types of walls, fascias, façades and construction surfaces. Suitable for overcoating high build texture/render systems, porous texture coatings and previously painted walls.

## ADVANTAGES

- Can be tinted to architectural colours
- High scrub resistance
- Low dirt pick up
- Early-weather, algae and fungus resistant

## PROCEDURE & APPLICATION



### Surface Preparation

All surfaces must be clean, sound, and free from any laitance, oil, grease, and any contaminants. Remove protrusions and flaking paint before application.



### Application

Apply one liberal coat of Weberprim ES 121, a water-based primer for concrete roofs. Allow primer to dry completely.



Stir Webertec ES 113 well before application. Webertec ES 113 can be applied using a brush or roller or spray to achieve the desired effect and thickness. Apply the first coat of Webertec ES 113 and allow it to cure completely. Apply the second coat, and let it dry in approx. 3-6 hours. Apply the coats in perpendicular directions. Ensure that no air is trapped in the membrane. A minimum of 2 coats of Webertec ES 113 is required, but 3 coats is recommended. Recommended final WFT thickness: 0.2 mm.



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

## CONSUMPTION

Approx. 135-165 m<sup>2</sup> per coat application for 20 kg pail. For heavy render and porous concrete blocks, consumption is >0.40 kg/m<sup>2</sup>.

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**TECHNICAL DATA & PHYSICAL PROPERTIES**

Colour	White/Any other architectural colours
Service Temperature	-10°C to 70°C
Specific Gravity	Approx. 1.33 kg/litre
<b>SS500: 2015 (Specification for Elastomeric Wall Coating)</b>	
Roller Coating Properties	Passed
Wet Scrub Resistance	4.3 µm
Sheen (85 degrees)	27
Alkali Resistance	Passed
Water Absorption	54 ml/m <sup>2</sup> /24h
Adhesion Test (X-Cut)	5A
Accelerated Weathering	Passed
Hard Drying Time	10 mins
Efflorescence Test	Passed
Tensile Strength	2.2 N/mm <sup>2</sup>
Elongation at break	~ 130 %
Natural Weathering	97 (unwashed), 98 (washed), None (water spotting)
Water Vapour Transmission	~ 144.5 g/m <sup>2</sup> /24hrs
Heavy Metals Cadmium (Cd)	Not detected
Lead (Pb)	49.1 mg/kg
Hexavalent Chromium (Cr <sup>6+</sup> )	2.6 mg/kg
Volatile Organic Compound	8.76 g/L
Algal Resistance	Passed
Water Penetration	Passed - No penetration
Seepage Resistance	Passed - No penetration
Fire Rating (BS476 Pt 1 to Pt 3)	Class 1 over most surfaces

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.

**CLEANING**

All tools and equipment should be cleaned with water immediately after use. Remove cured material with a general-purpose solvent.

**STORAGE & PACKING**

Webertec ES 113 is available in 20 kg pails.  
Shelf life of 12 months if unopened and kept in dry and cool conditions.

**HEALTH & SAFETY**

In case of contact with eyes, rinse immediately with plenty of water, and seek medical assistance. Please 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. (Jun '25)

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