

Earth Shield® Type 125CR Primer

Technical
Data
Sheet

Primer for Earth Shield Type 125CR chemical resistant strip waterstop

Uses

Primarily used to primer concrete as part of the installation of Earth Shield Type 125CR chemical resistant strip waterstop.

Description

Earth Shield Type 125CR Primer is a water based surface primer designed to adhere Earth Shield strip applied waterstops Type 125CR to concrete, plastic, metal, and wood substrates.

Properties

Colour:	Red
Solids content:	>36%
Specific gravity:	1.02
Flash point:	93°C
Drying time:	10 mins @ 25°C 60 mins @ 4°C
Minimum application temperature:	4°C
VOC content:	<50g/L

Installation Instructions

Concrete should be dry and cured for at least 24 hours.

Remove loose particles, dirt and contamination and apply Earth Shield Type 125CR Primer to the dry concrete surface.

Generously brush apply one coat of primer adhesive 40 to 50mm wide continuously along joint. The wet film thickness should be approximately 1mm thick.

Allow primer to become touch dry (10 mins @ 25°C) prior to application of the waterstop. The primer will still be tacky.

Earth Shield Type 125CR waterstops should be centered in, and run the full extent of the joint and have at least 50mm concrete cover to the edges.

Press strip waterstop firmly and continuously in place over primed area on first concrete pour.

Butt ends of strip coil by pressing ends together to ensure no separation and no air pockets. Place in maximum practical lengths to minimize splicing.

Cut coil ends square with sharp blade to fit splices together without overlaps.

When necessary on vertical, damp, or green concrete, fasten waterstop strip mechanically starting 25mm from each coil end and proceeding 250mm on center along length.

Immediately prior to placing second concrete pour, inspect waterstop for damage, discontinuity, and debris contamination. Replace damaged waterstop.

Replace any unacceptable waterstop and dispose of defective material in accordance with local regulations.

Remove the separation paper from the strip waterstop immediately prior to second concrete pour.

Place concrete without displacing waterstop from position. Thoroughly and systematically vibrate concrete around waterstop to obtain impervious, void-free concrete in vicinity of joint and to maximize intimate contact between concrete and waterstop. Do not allow vibrator to contact the strip waterstop.

Clean up

Earth Shield Type 125CR Primer can be cleaned off tools using soap and water while the primer is still wet. Use mineral turps to remove dried primer.

Supply

Earth Shield Type 125CR Primer is supplied in 3.8 litre pails.

Earth Shield Type 125CR Primer 3.8 litre:	FC000326-3.8L
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Coverage

Each 3.8 litre pail of primer will prime approximately 700m of 50mm wide strip/area of concrete.

Important notice

A Safety Data Sheet (SDS) is available from the Fosroc website. Read the SDS and TDS carefully prior to use as application or performance data may change from time to time. In emergency, contact any Poisons Information Centre (phone 13 11 26 within Australia) or a doctor for advice.

Product disclaimer

This Technical Data Sheet (TDS) summarises our best knowledge of the product, including how to use and apply the product based on the information available at the time. You should read this TDS carefully and consider the information in the context of how the product will be used, including in conjunction with any other product and the type of surfaces to, and the manner in which, the product will be applied. Our responsibility for products sold is subject to our standard terms and conditions of sale. Parchem does not accept any liability either directly or indirectly for any losses suffered in connection with the use or application of the product whether or not in accordance with any advice, specification, recommendation or information given by it.

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