

Earth Shield® Type 125CR

Chemical resistant strip waterstop

Uses

Earth Shield Type 125CR chemical resistant strip waterstop is designed to prevent the passage of aqueous hydrocarbons through non-moving concrete joints in environmental engineered concrete structures. Typical applications are:

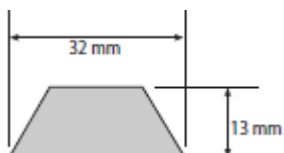
- Primary and secondary containment
- Refineries
- Mining facilities
- Fueling depots
- Chemical plants and acid storage

Advantages

- Chemical resistance to a range of deleterious fluids such as acids, oils and other aqueous solutions (Alcohol, Ketones, Glycols, Esters, & Hydrocarbons)

Description

Earth Shield Type 125CR chemical resistant strip waterstop is composed of nitrile rubber (NBR) and mastic 32mm wide by 13mm high trapezoidal section in 5.08 m rolls. Using the Earth Shield Type 125CR Primer, the product aggressively bonds to most substrates and is unaffected by rain or wet conditions during installation.



Properties

Colour:	Grey
Size:	32mm x 13mm
Shape:	Trapezoidal
Specific gravity (ASTM D71):	1.40
Ductility (ASTM D113):	15% @ 25°C
Softening point (ASTM D36):	149°C
Penetration, Cone (ASTM D217 150g.5 sec.):	60-70mm @ 25°C
Service temperature:	-30°C to 95°C

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.

Installation Instructions

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

Ensure steel reinforcing bars do not interfere with proper position of the waterstop.

Remove loose particles, dirt and contamination and apply Earth Shield Type 125CR Primer to the dry concrete surface. Brush apply one coat of primer adhesive 50mm wide continuously along joint.

Allow primer to become touch dry prior to application of the waterstop.

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.

Supply

Earth Shield Type 125CR is supplied in 5.08m rolls

Earth Shield Type 125CR:	FC000325-UNIT
Earth Shield Type 125CR Primer 3.8 litre:	FC000326-3.8L