



# Redstop®

## 5-Step Easy Installation Guide

All surfaces to which Redstop® is to be applied should be clean and free of standing water. Any loose or flaking concrete must be removed. (The preferred practice of scabbling joints is recommended).

1. Uncoil a length of Redstop® and apply exposed face to concrete.
2. Push against release paper, to force Redstop® into undulations of concrete
3. When sufficient Redstop® has been positioned remove backing paper.
4. Position REVOFIX® fixing mesh over Redstop®. Overlap successive REVOFIX® sections, and nail at overlaps using supplied fixings.
5. Provide one additional fixing between REVOFIX® laps i.e. @ 300 c/c.

#### Note:

- Redstop® must have a minimum of 25 mm of concrete cover on all sides.
- To join successive lengths of Redstop®, simply cut and butt ends. Do not overlap.
- When installing Redstop® vertically, work from the base up to prevent material deformation/elongation.

## Redstop® Packaging

Cross-section:	19 x 25 mm (nominal)
Coil Length:	5 Lin m (nominal)
Coils per Carton:	6
Carton Content:	30 Lin m
Carton Dimension:	400 x 400 x 300 mm
Carton Weight:	25 kg

## Redstop® Technical Data

### Chemical Composition

Material	Test Method	Redstop® Results
Butyl Rubber-Hydrocarbon (% by weight)	ASTM D-207	24.0%
Heatonite	SS-S-210-A	75.0%
Volatile matter	ASTM D-5	Below 1%

**NOTE:** Contains no asbestos fibres or asphaltics

### Physical Properties

Property	Test Method	Redstop® Results
Specific gravity at 25°C	ASTM D-71	1.57
Softening point	ASTM D-30	N/A
Penetration	ASTM D-217	
150 CTL		5%
300 CTL		8%
Flash point	ASTM D93-07	153°C
Max. head pressure	Hydrostatic pressure test	70 m (7 Bar)
Accelerated aging	(Mechanical oven 4 hrs at 100°C)	Maintained 98% solids
Flow resistance	(20mm overhead joint exposed to 37°C for 7 days)	No flow
Storage life		Indefinite
Adhesion to concrete		Mechanical Fastening or adhesive
Application temperature range		-15° to 52°C
Service temperature range		-40° to 100°C

### Limitations

- Where Redstop® is to be used in potentially contaminated water/ground conditions please consult CETCO office before application.
- Redstop® must be confined within a concrete joint and not applied to an exposed surface.
- Exposed lengths of Redstop® should not be submerged in water for any extended periods of time prior to containment.
- If Redstop® swells 1.50 times its original size prior to encapsulation by concrete, it must be replaced with new material.
- Contact CETCO office when movement or expansion joints are encountered.

#### NOTE:

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### Distributor