

# Data Sheet

## Waterproofing

Structural Waterproofing from Rawell



### RAWSEAL® CJ 1225 Black Waterstop



RAWSEAL® CJ 1225 Black Waterstop is a prehydrated vacuum extruded sodium bentonite waterstop designed to prevent the ingress of water through cast in-situ concrete construction joints. The Black waterstop range contain a retardant which delays the rate of swell of the profile.

#### INSTALLATION

All projects must be assessed on an individual basis as installation details differ depending on the profile and application. For project specific recommendations contact the Technical Sales Department at Rawell.

RAWSEAL® CJ 1225 Black Waterstop is generally used in horizontal concrete 100mm thick or thicker i.e. mesh reinforced slabs, and in vertical concrete 125mm or thicker i.e. wall with only a single row of reinforcement steel. For uses in thicker pours use the RAWSEAL® SQ25, CJ2025 or RC50 profiles. RAWSEAL® CJ 1225 Black Waterstop shall only be used in applications where the product is completely encapsulated within the concrete.



The RAWSEAL® CJ 1225 Black Waterstop shall be laid to a prepared surface (ie. free from dust or debris), or inserted into a pre formed rebate, no deeper than 6mm thick. Do not install onto an iced surface or into standing water.

The RAWSEAL® CJ 1225 Black Waterstop shall be secured to the prepared surface or rebate with Rawtite Rapid Bond Adhesive or nails to prevent displacement when concrete is poured. When applying the Rawtite place a small "pea sized" drop onto the clay surface of the waterstop and push firmly onto the concrete, maintain a firm even pressure for 3-4 seconds. When applied to vertical surfaces the RAWSEAL® CJ 1225 Black Waterstop must be fixed securely with sufficient fixings to prevent it from hanging loosely.

Any joints between two strips of RAWSEAL® CJ 1225 Black Waterstop must be butted or spliced together, then kneaded to provide a continuous seam of bentonite. **Do not overlap the ends of the coils.** Where required cut the coils with a sharp blade or utility knife to fit coil ends together. When jointing vertical lengths to horizontal lengths simply butt and knead together, no special accessory pieces are required.



When pipe or duct penetrations appear through a wall or floor, the RAWSEAL® CJ 1225 Black Waterstop can be used as a puddle flange to prevent the passage of liquid along the length of the pipe or duct. Cut the coil of RAWSEAL® CJ 1225 Black Waterstop to the circumference of the penetration. Fix to the penetration using spots of Rawtite Rapid Bond Adhesive or tie securely with tie wire or cable ties. Ensure length ends are butt jointed and kneaded together and that the RAWSEAL® CJ 1225 Black Waterstop is in tight direct contact with the full circumference of the penetration. Care should be taken when placing and vibrating the concrete that the RAWSEAL® CJ 1225 Black Waterstop is not displaced.

On irregular surfaces make sure that the RAWSEAL® CJ 1225 Black Waterstop remains in direct contact with the concrete at all times along the entire length of the installation, this can be done by moulding the clay to the aggregate or bedding in RAWPASTE Mastic. The confining concrete must be placed within 5 days of installation of the waterstop profile.

Surplus material may be re-used provided it is immediately re-wrapped and stored appropriately. RAWSEAL® CJ 1225 Black Waterstops are not intended for use as an expansion joint sealant. Contact Rawell's Technical Department for advice on the type of application.

For details of Rawell products and services visit [www.rawell.com](http://www.rawell.com) where you can find more information suited to your specific needs, or call +44 (0) 151 632 5771

## DESPATCH QUANTITIES

1 Box = 6 x 5m coils = 30m - Weight = 15kg  
Box Dimensions 321mm x 321mm x 180mm

1 Pallet = 63 Boxes = 1,890m - Weight = 950kg  
Pallet Dimensions = 1,140mm x 1,140mm x 1,030mm

24 Pallets (45,360 Lm) per 40 ft Road Trailer/Container  
18 + 2 x ¾ x Pallets (36,855 Lm) per 20 ft Container

\* Weight restrictions vary from country to country due to legislation.  
Please obtain confirmation from Rawell on territorial transport legislation.

## HANDLING & STORAGE

Coils of RAWSEAL® Black Waterstop CJ 1225 are individually wrapped in polythene, prior to packaging, to retain moisture within the product and placed in boxes. Each box has a unique batch identification code. Each pallet is covered with polythene box covers to weatherproof the product.

Boxes must be stored on pallets but pallets must not be stacked on site. Once opened the pallets must be stored under cover or covered with a protective weatherproof sheet to prevent rain damage.

All information contained within this document is given in good faith and is correct to the best of Rawell Environmental Ltd.'s knowledge. However, this information is not legally binding and may be changed at any time without notice.

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## NOTES:

## Type CJ 1225

Application of Type CJ 1225 to construction joints

