

Data Sheet

Waterproofing

Structural Waterproofing from Rawell



RAWSEAL® SQ 25 Green Waterstop

RAWSEAL® SQ 25 Green Waterstop is a prehydrated vacuum extruded sodium bentonite waterstop designed to prevent the ingress of water through cast in-situ concrete construction joints.

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® SQ25 Green Waterstop is generally used in horizontal concrete 150mm thick or thicker i.e. mesh reinforced slabs, and in vertical concrete 150mm or thicker i.e. wall with a double row of reinforcement steel. For uses in thicker pours use the RAWSEAL® RC50 profiles.

RAWSEAL® SQ25 Green Waterstop shall only be used in applications where the product is completely encapsulated within the concrete. The RAWSEAL® SQ25 Green Waterstop shall be laid to a prepared surface (i.e: free from dust or debris), or inserted into a pre formed rebate no deeper than 12mm. Do not install onto an iced surface or into standing water.



The RAWSEAL® SQ25 Green 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® SQ25 Green Waterstop must be fixed securely with sufficient fixings to prevent it from hanging loosely.

Any joints between two strips of RAWSEAL SQ25® Green 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® SQ25 Green can be used as a puddle flange to prevent the passage of liquid along the length of the pipe or duct. To do this, cut the coil of RAWSEAL® SQ25 Green 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 coil ends are butt jointed and kneaded together and that the RAWSEAL® SQ25 Green 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® SQ25 Green Waterstop is not displaced.



On irregular surfaces make sure that the RAWSEAL® SQ25 Green 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 8 hours of installation of the waterstop profile. If longer periods of exposure to the weather are required we recommend the use of our RAWSEAL® Black waterstop range as this material contains a swell retardant which will allow up to 5 days of exposure.

Surplus material may be re-used provided it is immediately re-wrapped and stored appropriately. RAWSEAL® SQ25 Green 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 where you can find more information suited to your specific needs, or call +44 (0) 151 632 5771

DESPATCH QUANTITIES

1 Box = 4 x 5m coils = 20m - Weight = 23kg
 Box Dimensions = 448mm x 448mm x 120mm

1 Pallet = 40 Boxes = 800m - Weight = 950kg
 Pallet Dimensions = 1,140mm x 1,140mm x 1,130mm

24 Pallets (19,200 Lm) per 40 ft Road Trailer/Container
 18 + 2 x ¾ x Pallets (15,600 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® SQ25 Green Waterstop 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 one on top of another. 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. This information is not legally binding and may be changed at any time without notice.

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NOTES:

Type SQ25

Application of Type SQ25 to construction joints

