

# Data Sheet

## Waterproofing Structural Waterproofing from Rawell



### RAWSEAL® TR 35 Black Waterstop

RAWSEAL® TR35 Black Waterstop is a prehydrated vacuum extruded sodium bentonite waterstop designed to act as an active reinforcement strip at internal 90° angles and to seal around penetrations. The Black Waterstops 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.

Generally the RAWSEAL® TR35 Black Waterstop fillets shall be laid to a prepared surface (i.e: free from dust or debris), or fixed to the base of a penetration where it enters or protrudes through a concrete slab or wall. Do not install onto an iced surface or into standing water.

Where the RAWSEAL® TR35 Black Waterstop fillet needs to be secured to the prepared surface, it is done so by using Rawtite Rapid Bond Adhesive or Rawpaste Mastic to prevent displacement when concrete is poured or backfill placed. 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® TR35 Black Waterstop fillet must be fixed securely with sufficient fixings to prevent it from hanging loosely.



Any joints between two strips must be butted or spliced together, then kneaded to provide a continuous seam of bentonite. **Do not overlap the ends of the lengths.** Where required, cut the lengths with a sharp blade or utility knife to fit length ends together. When jointing vertical lengths to horizontal lengths simply splice to form a mitre and knead together, no special accessory pieces are required.

When pipe or duct penetrations appear through a wall or floor, the RAWSEAL® TR35 Black Waterstop fillet 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 lengths of RAWSEAL® TR35 Black Waterstop fillet 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, the RAWSEAL® TR35 Black Waterstop fillet can be bedded into RAWPASTE Mastic. Ensure length ends are butt jointed and kneaded together and that the RAWSEAL® TR35 Black Waterstop fillet is in tight direct contact with the full circumference of the penetration.

On irregular surfaces make sure that the RAWSEAL® TR35 Black Waterstop fillet remains in direct contact with the concrete/substrate at all times along the entire length of the installation. The confining concrete must be placed within 5 days of installation of the waterstop profile. When the RAWMAT® HDB membrane is placed over the RAWSEAL® TR35 Black Waterstop fillet this provides additional protection, however the membrane must be backfilled as part of a continuous operation.

Surplus material may be re-used provided it is immediately re-wrapped and stored appropriately. RAWSEAL® TR35 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 = 18 x 1m lengths = 18m - Weight = 24kg  
Box Dimensions = 146mm x 134mm x 1,030mm

1 Pallet = 56 Boxes = 1,008m - Weight = 1,350kg  
Pallet Dimensions = 1,140mm x 1,140mm x 1,090mm

18 Pallets (18,144 Lm) per 40 ft Road Trailer/Container  
16 Pallets (16,128 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

Lengths of RAWSEAL® TR35 Black Waterstop are produced as a block and are peeled apart as required, they are 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. However, this information is not legally binding and may be changed at any time without notice.

Rawell Environmental Ltd, Carr Lane, Hoylake, Wirral, Merseyside CH47 4AZ.  
Tel. +44 (0) 151 632 5771 Fax. +44 (0) 151 632 0252  
WWW. www.rawell.com E-mail. postmaster@rawell.com

## NOTES:

## Type TR35

Horizontal and Vertical application of Type TR35

