

# ZOLVTEK 3510

## Rubberized Bitumen Emulsion with Filler

*ZOLVTEK 3510 is a rubberized Bitumen emulsion with filler having excellent adhesion which to a tough black seamless, flexible waterproof and vapour proof membrane.*



### APPLICATION

- Tanking and waterproofing Structures: to provide an impervious waterproof membrane on concrete or brick.
- Floors: to provide a liquid applied damp-proof sandwich membrane in new construction.
- Walls: for interior and exterior walls.
- As an adhesive: for bonding wood blocks and insulation board, expanded polystyrene and to provide a key for plastering.

### FOUNDATIONS, RETAINING WALLS & BRIDGES ABUTMENTS

- ZOLVTEK 3510 may be applied to green concrete immediately after shuttering has been removed.
- The ZOLVTEK 3510 treatment should meet the damp-proof course provided in the base or wall. Two coats should be applied, the first at 2m<sup>2</sup>/liter. The first coat should dry before applying the second.
- Before back filling, while the final coating is still tacky, a layer of building paper should be applied in order to protect it from damage. Then allow two days to elapse before back filling.

### CONCRETE BEAMS & COLUMNS

- ZOLVTEK 3510 may be used to provide a vertical or horizontal damp-proof membrane on concrete beams and columns before they are clad with masonry or brickwork.
- Two coats of ZOLVTEK 3510 should be applied, the first at 2m<sup>2</sup>/liter, the second at 2.25m<sup>2</sup>/liter. The first coat should be allowed to dry before applying the second. When the second coat is tacky and black in colour, it should be well blinded with 1 to 2 mm stone chippings or clean, sharp sand and should be left to set for at least two days. Any loose sand should be lightly brushed off.

## TANKING AND DAMP PROOFING STRUCTURES BELOW GROUND LEVEL

Internal treatment with ZOLVTEK 3510 can be effective means of preventing the ingress of dampness but it is unlikely to resist exposure to free water or water pressure. ZOLVTEK 3510 may be applied to damp but not waterlogged surfaces. Good ventilation for drying should be allowed in confined spaces. Two coats of ZOLVTEK 3510 should be applied as above. The second coat should be blinded as above and the interior wall must then be finished by an appropriate gypsum plastering.

## FLOORS

As a Sandwich Membrane in New Construction

- Two coats at the specified rates can give a dried film thickness of at least 0.6mm to comply with BS Code of Practice 102.
- Brush the first coat of ZOLVTEK 3510 onto the smooth and clean concrete sub-floor at the rate of 1m<sup>2</sup>/liter and allow to dry thoroughly. The second coat is then applied at 1 m<sup>2</sup>/liter. Blind with clean sand while tacky as a protection against foot traffic and to provide a good key for the top screed. Allow to dry thoroughly.
- The top finishing screed should be at least 50mm thick

## FEATURES AND BENEFITS

- ZOLVTEK 3510 forms a continuous, durable damp proof coating.
- ZOLVTEK 3510 is quick and easy to apply by brush direct from the can.
- ZOLVTEK 3510 is free from solvents.

## TECHNICAL DATA

PROPERTIES	SPECIFICATION
Color	Black/BrownLiquid
Composition	Thixotropic cold applied Bitumenemulsionwithadded latex &fillers
Specific gravity (li/kg)	Approx. 0.95-1.03
Viscosity	20-40cPs
Rubber Content	Min.10%
Surface Temp Limits	Between -4°C and 40°C
Solids Content	35%±1%
Crack Bridging	Up to 2mm

## HEALTH AND SAFETY

ZOLVTEK 3510 is a Bitumen product, wearing of protective clothing, gloves and face protection is a must. In the event of skin and eye contact, wash immediately with plenty of water and seek medical advice.

## PACKING AND STORAGE

ZOLVTEK 3510 is available in 20 liter pail and 200 liters drum, palletized and strapped. Shelf life is six (6) months if stored in accordance to manufacturer's instructions in unopened containers at normal temperature between 10°C to 20°C.

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*Manufacturers of:*

- Bitumen emulsions and primers
- App & SBS modified membranes
- Self adhesive membranes
- Roofing felts
- Construction chemicals
- Road bitumens