



Technical Data Sheet

Waterstop

GENERAL INFORMATION

M3 Waterstop is an effective water repellent liquid based on a solvent free silicone/siloxane emulsion for use above ground.

M3 Waterstop prevents water penetration on otherwise porous brickwork, cement renderings, asbestos, cement/mineral boards, unglazed tiles, cast concrete, rough cast stonework (including calcareous materials, i.e. those containing limestone), wood, canvas, painted surfaces and leather.

Surfaces treated with Waterstop remain permeable to vapour so that moisture within the structure does not remain trapped. During application M3 Waterstop will penetrate crazing on aged masonry paint or render to restore the water repellent properties of masonry coatings.

Waterstop is clear, colourless and specially formulated not to alter the appearance of treated surfaces. The treated masonry surface will prevent the penetration of water at pressures up to approximately 1.4kg/cm² (20lbs per sq inch), significantly reducing the seepage rate of floodwater through otherwise porous building fabrics.

Waterstop will become effective through moisture evaporation. Initial surface cure (bleeding) can occur within as little as one hour under good drying conditions, but cold temperature, limited air movement and substrate moisture may all extend the time taken for surface water repellency to develop. The depth of penetration will depend on the type of substrate and moisture content, but will generally be between 4-6 mm. Treated surfaces will remain permeable to water vapour since the rate of evaporation is not retarded allowing the surface to "breathe".



SPECIAL PROPERTIES

DEEP PENETRATION	✓
HIGH RESISTANCE TO ALKALIS	✓
RAPID DEVELOPMENT OF WATER REPELLENCY	✓
PROVIDES GOOD ADHESION FOR PAINTS	✓
WATER BASED	✓
STABLE IN STORE, EVEN WHEN DILUTED	✓