



## TECHNICAL DATA SHEET – HPC 34 NU-SIL® WB

### DESCRIPTION:

Nu-Sil® WB is a unique, clear, hydrophobic Water bourned Silane/Polysiloxane blend. Nu-Sil® WB Cures to form a permanent water repellent but vapour permeable layer that inhibits the ingress of water, chloride and sulphate ions. Nu-Sil® WB gives excellent protection against weathering.

### ADVANTAGES:

Nu-Sil® WB. will not noticeably change the appearance of the substrate. Due to its excellent stain resistant and water repellent qualities, dirt, pollution can be removed from the treated surface. Nu-Sil® WB gives long life environmental protection. Nu-Sil® WB protects from the effects of De-icing and freeze/thaw cycle. Nu-Sil® WB will reduce Alkali Silica Reactions, therefore eliminating silica dusting. Nu-Sil® WB has rapid drying and low odour. Nu-Sil® WB has outstanding resistance to weathering and ultra-violet degradation. Nu-Sil® WB Complies with the Highway Agency Design Manual for Roads and Bridges BD 43/03 requirements for impregnating concrete. Satisfies Class'0' requirements of current Building Regulation.

### USES:

Nu-Sil® WB is an economical alternative to solvent based silanes. For use on brickwork, concrete, natural stone, reconstructed stone, blockwork, marble, terrazzo. Nu-Sil® WB can be used on the following:  
Highway Structures, Bridges, Paving, Garage Forecourts, Car Parks, Natural Stone, Brickwork, Concrete Tiles.

### COLOUR:

Milky white. Dries colourless after application.

### COVERAGE RATE:

Average coverage rates:

Granite	18m <sup>2</sup> /litre
Marble	13m <sup>2</sup> /litre
Engineering Brickwork	8m <sup>2</sup> /litre
Concrete	6m <sup>2</sup> /litre
Facing Brickwork.	5m <sup>2</sup> /litre
Concrete Blockwork	3m <sup>2</sup> /litre

### DRYING TIMES

Touch Dry 1-2 hours  
Fully Cure 5 Days  
Over coat with Nu-Cryl AG with in 2 weeks if needed

### PACK SIZE

Supplied in 5, 25, 200, 1000 litres

### PREPARATION:

Ensure surface to be treated are clean. free from contamination and dry. Dry brush blow with compressed air to remove dust or loose particles.

### APPLICATION:

Application by low pressure spray or by brush/roller taking care to avoid any sagging. Application on vertical surfaces should be to full saturation commencing at the bottom and working upwards. One application is normally required, however, on porous substrates a second application may be required. Apply the second application in the same manner immediately after the first application, taking care not to allow the first application to dry out. Do not apply at temperatures below 5°C. Shake container well before use.

### EQUIPMENT CARE:

All equipment should be cleaned with water immediately after use.

### STORAGE:

Store away from direct sunlight and sources of heat. Protect from frost.

### SHELF LIFE:

12 months (in original sealed container).

### HEALTH & SAFETY:

Refer to MSDS