

DESCRIPTION

TamSil 290 is a water based, silane-siloxane system which penetrates deeply into porous substrates to allow for a bonded hydrophobic lining to the pores. This treatment significantly reduces absorption of water and waterborne salts but still allows the passage of water vapour. The solution does not produce any discoloration of the substrate and has excellent resistance to weathering.



KEY BENEFITS

- > Water based system
- > Provides an invisible water repellent surface
- > Green product, VOC free
- > Allows the surface 100% transpiration
- > Maintains the texture and colour of the treated surface
- > Reduces efflorescence and surface salts
- > Reduces cleaning costs
- > Acts as a damp-proof course

TYPICAL APPLICATIONS

- > External waterproofing of concrete, concrete blocks, brickwork and stone
- > Treatment of rising and salt damp
- > Reduction of sand stone decay due to attack by salts and low pH precipitation
- > Prevention of moss growth & dirt retention on pavers, walls and roofs
- > Elimination of white salt spotting on brickwork

TECHNICAL DATA

TamSil 290	
Appearance	Milky Liquid
Coverage	0.5 m ² – 3 m ² per kg
Viscosity	2 – 8 mPa·s
Solids	12% - 14% Active
Shelf life	Up to 1 year if stored in unopened containers
Tack free	120 minutes
Hard dry	240 minutes
Application temperature	5°C - 45°C

Note: Coverage may vary with substrate condition.

All technical data stated herein is based on tests carried out under laboratory conditions.

APPLICATION GUIDELINES

Surface Preparation

All surfaces must be free of all traces of dirt and organic matter. Gaps and cracks must be repaired. Salt encrustations must be cleaned using mild acid.

Application Method

For surface treatment use a low-pressure spray, to achieve total saturation. Apply a minimum of 2 coats sequentially.

Note: Care should be taken not to spray on glass, painted surfaces and plant growth. TamSeal 290 should never be applied to damp substrates.

COVERAGE

This will vary depending on the substrate; it could be as low as 3 m² per kg for dense concrete and as high as 0.5 m² per kg for porous bricks. We recommend that a test area of 1 – 2 m² be carried out on-site prior to application.

PACKAGING

TamSil 290 is supplied in 20 kg pail. Packaging size may vary subject to local regulations and requirements.

STORAGE

TamSil 290 should be stored at room temperature (min 10°C and max 38°C), kept dry and out of direct sunlight. If these conditions are maintained and the product packaging is unopened, then a shelf life of six months can be expected.

HEALTH & SAFETY

TamSil 290 should only be used as directed. We always recommend that the Safety Data Sheet (SDS) is carefully read prior to application of the material. Our recommendations for protective equipment should be strictly adhered to for your personal protection. The Safety Data Sheet is available upon request from your local Normet representative.