



TECHNICAL DATA

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MANUAL SECTION	ISSUE DATE	AUTHORISED	REPLACES	PAGE
<i>Exterior Finishes</i>	<i>June 2004</i>	<i>RG</i>	<i>Feb 2000</i>	<i>1 of 2</i>

DAMIT 800 Water Repellant

GENERAL

DAMIT 800 is a clear, water-repellent sealer designed to improve the water resistance of concrete, precast, masonry, brick and stone cladding surfaces.

FEATURES

- Does not significantly change the appearance of substrate.
- Non-glossy
- Durable
- Absorbs into substrate
- Reduces wind driven rain ingress to blocks
- Reduces salt weepage from blocks

LIMITATIONS

Damit 800 is not a membrane coating. Damit 800 performance is dependant on a well-designed, waterproof structure. It's primary role is to reduce substrate surface porosity. (eg the surface of an individual masonry block). It does not bridge cracks.

For masonry: Consider acrylic modified (eg Araplex 2000) mortars to reduce porosity in the pointing.

All caps, parapets walls etc must be flashing capped. All window head and sill flashings must be placed. For masonry, solid fill is preferred. Control joint sealants etc must be installed.

This specification deals with:

1. Manufacture of Materials
2. Finish Options
3. Surface Preparation
4. Application

1. MANUFACTURE OF MATERIALS

All materials shall be produced supplied or specified by Nuplex Industries Ltd. To avoid incompatibility of component materials it is essential that Nuplex technical staff be consulted before any product other than those specified is used.

2. FINISH OPTIONS

The final finish of DAMIT 800 is flat and clear. Colours may be highlighted slightly in certain bricks.

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NUPLEX CONSTRUCTION PRODUCTS WWW.NUPLEXCONSTRUCTION.CO.NZ
PO Box 1 2841, Penrose, Auckland Telephone: 0-9-579 2029, Fax: 0-9-525 3709, Email: bpdsales@nuplex.co.nz

H A M I L T O N	PALMERSTON	NORTH	W E L L I N G T O N	CHRISTCHURCH
Telephone: 0-7-847 8658	Telephone: 0-6-353 3685	Telephone: 0-6-353 3632	Telephone: 0-4-477 7040	Telephone: 0-3-366 6802
Fax: 0-7-847 3766	Fax:	Fax:	Fax: 0-4-477 7039	Fax: 0-3-379 0279

3. **SURFACE PREPARATION**

All surfaces must be clean, dry and in structurally sound condition.

No DAMIT 800 shall be applied if the surface to be coated is damp or moisture is imminent.

DAMIT 800 shall not be applied when temperature is below 5°C or above 35°C.

Remove all protrusions, mortar clay, dust, mould, dirt, scale, laitence or any other contamination which may interfere with the adhesion or penetration of the DAMIT 800.

Any cracks or pores over 0.03mm shall be repointed or filled.

4. **APPLICATION OF COATING**

Sufficient material must be applied in each of the two coats to saturate and “flood” the wall.

Walls shall be flood coated in two coats with DAMIT 800 using either airless spray or bristle fence brush or long nap roller.

Airless spray application is recommended. Using a brush or roller may require additional applications to achieve desired result.

For airless spray application allow a minimum of four hours between coats.

DAMIT 800 shall be applied from the top of the wall, using horizontal passes with approximately 50% overlaps.

Special attention shall be given to the mortar joints and weep holes.

Application rates:

Concrete masonry – bricks and blocks

1st coat 2m²/litre

2nd coat 4m²/litre

Application rates are dependent on the porosity of the substrate.

MAINTENANCE

Inspect DAMIT 800 annually for effectiveness of water repellency. Recoat if necessary.

PRODUCER STATEMENT

Nuplex Industries Ltd state that DAMIT 800 is fit for the purpose of sealing exterior concrete brick and stone cladding surfaces.

As DAMIT 800 is a surface sealer and is placed in accessible parts of the building structure the five year durability component of the Building Act applies.

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