



Triton Chemical Manufacturing Co. Ltd.
Triton TT Super – Pile Cap Sealer

Triton Contact Details:

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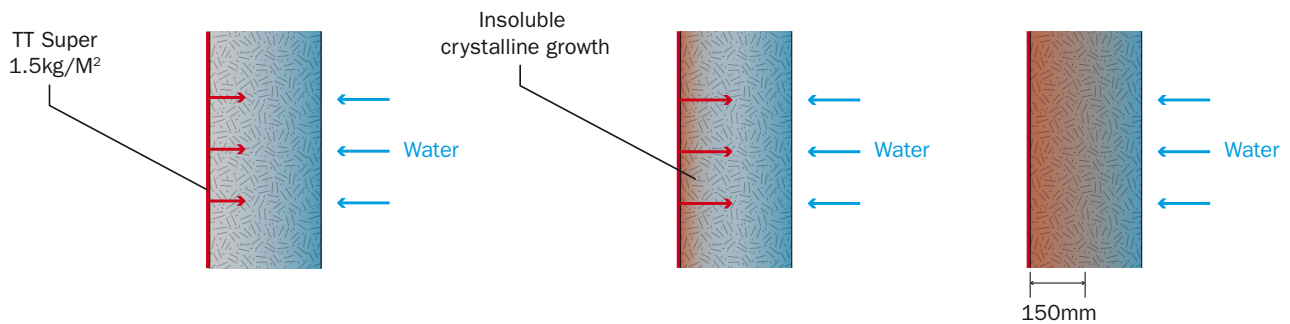
Triton TT Super – Pile Cap Sealer

1. Description

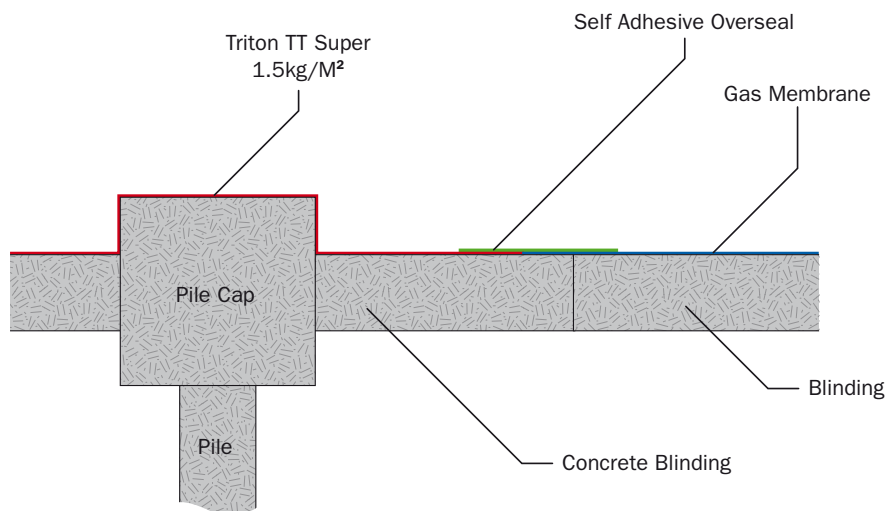
Triton TT Super is a surface applied system which waterproofs and protects concrete in depth. TT Super consists of ordinary Portland cement, specially treated quartz sand and a compound of active chemicals.

When applied to a concrete surface, the active chemicals react with the free lime and moisture within the concrete to form in depth, insoluble crystals which fill and block all capillaries, pores and minor cracks within the concrete.

As well as waterproofing, the TT Super also protects the concrete against seawater, aggressive groundwater and certain chemical solutions.



Triton Chemical Manufacturing Co Ltd, working alongside Visqueen Building Products, have developed a suitable pile cap sealing system using the TT Super in conjunction with Visqueen membranes. This is shown in the detail section below and as per Visqueen drawing no. SW-01 attached.



The use of the TT Super to the pile cap, suitably sealed and linked to the sheet membranes, ensures protection to the pile cap and eliminates the sheet membrane through the pile cap and floor slab construction detail, thus eliminating the “slip plane” through this detail.

2. Technical Data

Colour:	cement grey
Hydrostatic water:	> 12 bars @ 28 days
Bulk Density:	approximately 1.25
Setting Time:	60 minutes

For full technical data and installation and application guidelines for TT Super please refer to TT Super data sheet and Health & Safety data sheet (attached).

3. Surface Preparation

All concrete surfaces to be treated with Triton TT Super must be clean and have an “open capillary” system. This is achieved by the removal of the laitance, dirt and grease etc, by means of either jet washing, grit blasting or scabbling.

4. Mixing & Application

TT Super is mixed mechanically with water, approximately 2 parts water – 5 parts powder by volume. It should be mixed for a minimum of five minutes until a consistency of thick oil paint is achieved.

Two coats of TT Super should be applied to the prepared concrete surface at a rate of 0.75kg/m² per coat. The second coat should be applied whilst the first coat is still “green”.

TT Super to be cured in accordance with TT Super data sheet attached.

Please refer to TT Super data sheet for full information.

5. Packaging & Storage

TT Super is supplied in either 25kg bags or tubs and should be stored unopened in its original packaging in a dry place. Shelf life is 12 months.

6. Health & Safety

Please refer to TT Super health & safety data sheet attached.

7. NBS Clause

J10 – 130 Proprietary Crystallization Active Mortar.

See www.nbsplus.com website or www.triton-chemicals.com for further details.

For further technical advice and information please contact Triton Chemical Manufacturing Co Ltd’s technical department on 020 8310 3929.

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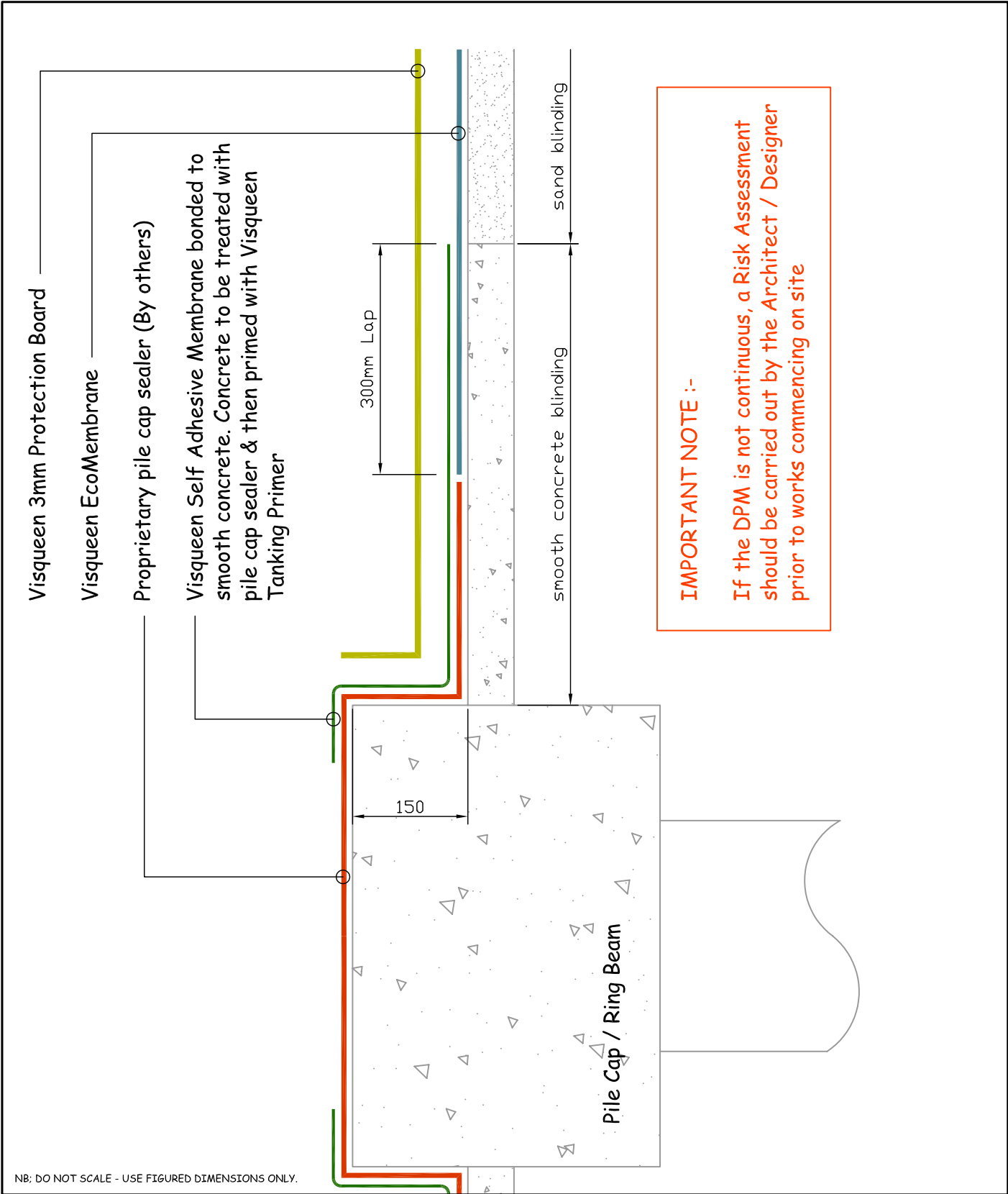
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NB: DO NOT SCALE - USE FIGURED DIMENSIONS ONLY.

Visqueen Building Products
 Contact Technical Support :
 t : 0870 609205

Project: Standard Detail : Typical Pile Cap Detail.

Drawing No.- SW-01.	Date.- 03/08.	Scale.- NTS.	© COPYRIGHT RESERVED.
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