

## Leaking and Stepped Segment Joint Caulking MRTA Initial System Project – Underground Structures North

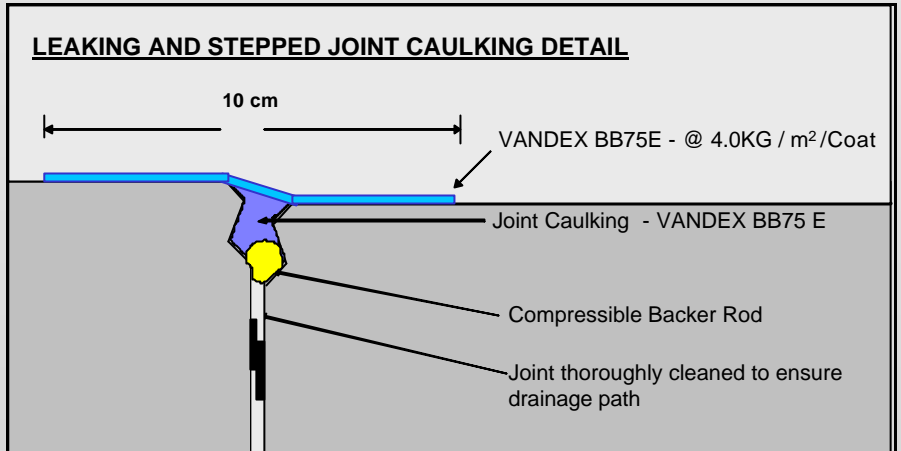


Having successfully completed the “In-situ Segment Repair” project on behalf of the ION Joint Venture, Hammersmith were again contacted to provide a long term solution to the problem of water leakage at segment joints and the potential future problem of possible leakage at stepped segment joints.

Drawing on in house expertise and backed up by principal materials supplier VANDEX Internationals’ 40 year track record of waterproofing in some of the worlds largest civil engineering projects (eg. the Channel Tunnel), the use of **VANDEX BB75E** as the basis for the joint caulking system was proposed.

The semi-flexible, cementitious nature of the material fully satisfied the Clients requirement for a caulking system that would accommodate possible segment movement.

Approximately 4,000 lm of joints were successfully sealed.



### PROJECT DETAILS

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Project Title  
Client  
Project Details  
Completion Date

Joint Caulking – MRTA North  
IN Joint Venture  
4000 lm of caulked joint using Vandex BB75E  
December 2001

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