

Brimblecombe, Jack

From: Prior, Jack <JPrior@aco.co.uk>
Sent: 13 April 2023 15:51
To: Brimblecombe, Jack
Cc: Mostyn, Stephen
Subject: RE: Port Street, Manchester - x 4 Q-Chambers
Attachments: ACO Q-Brake Vortex and Q-Plate brochure.pdf

Hi Jack,

The minimum flow rate our Q-Brake units are tested to is 2l/s for this reason. Our Q-Brake units are equipped as standard with Drain Down doors in the event of a blockage to release the flow, and our Q-Plate units can be manufactured with a Drain Down Door option as well (we would normally recommend this if the orifice on the Q-Plates is below 50mm) 😊 so provided the flow rate is 2l/s or above and the above criteria for a Q-Brake/Q-Plate is followed, there should be no issue here.

Let me know if you need anything else at all!

Kind regards,

Jack Prior | SWC Project Coordinator
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Bedfordshire SG17 5TE
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From: Brimblecombe, Jack <Jack.Brimblecombe@wsp.com>
Sent: 13 April 2023 15:17
To: Prior, Jack <JPrior@aco.co.uk>
Cc: Mostyn, Stephen <Stephen.Mostyn@wsp.com>
Subject: RE: Port Street, Manchester - x 4 Q-Chambers

Hi Jack,

Hope you're well.

We have had comments back from the planning case officer on this project who has requested evidence of blockage risk assessment where we have flow controls down to 2l/s. We have Q-brakes and Q-plates spec'd at this flow rate.

Please could you confirm that ACO supply both products at the above flow rate and are comfortable with it?

Kind regards,

Jack Brimblecombe MEng (Hons)
Civil Engineer



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From: Prior, Jack <JPrior@aco.co.uk>
Sent: 05 December 2022 09:16
To: Brimblecombe, Jack <Jack.Brimblecombe@wsp.com>
Cc: Mostyn, Stephen <Stephen.Mostyn@wsp.com>
Subject: RE: Port Street, Manchester - x 4 Q-Chambers

Hi Jack,

This would usually depend on the number of inlets/outlets and their size as well as the orifice plate (QP300) size in relation to the chamber diameter. If you can advise the size and number of these I can let you know please? 😊

Kind regards,

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